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UNITED STATES DEPARTMENT OF COMMERCE
JESSE H. JONES, Secretary

U.S. BUREAU OF THE CENSUS
J. C. CAPT, Director (Appointed May 22, 1941)
WILLIAM LANE AUSTIN, Director (Retired January 31, 1941)
VERGIL D. REED, Assistant Director
HOWARD H. McCLURE, Assistant Director

SIXTEENTH CENSUS OF THE UNITED STATES : 1940

MANUFACTURES

1939

Volume III

Reports for States and Outlying Areas

Prepared under the supervision of
THOMAS J. FITZGERALD
Chief Statistician for Manufactures

UNITED STATES
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BUREAU OF THE CENSUS

J. C. CAPT, *Director (Appointed May 22, 1941)*

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LETTER OF TRANSMITTAL

DEPARTMENT OF COMMERCE,
BUREAU OF THE CENSUS,
Washington, D. C., December 10, 1942.

SIR: I transmit herewith volume III of the report of the Census of Manufactures for 1939. This census, which was taken in 1940 as a part of the Sixteenth Decennial Census, is also the tenth of the biennial series of the censuses of manufactures.

The manufactures reports for 1939 comprise three volumes. Volume I is a general report giving statistics on special subjects such as size of establishments, type of organization, inventories, and expenditures for plant and equipment.

Volume II, consisting of two parts, contains the detailed reports for the 446 industries covered by the census. Part I is an assembly of the reports for the industries in Groups 1 to 10 and part 2 for the industries in Groups 11 to 20. The report for Motion Pictures (not including projection in theaters) is included in part 2.

Volume III is an assembly of detailed reports for the 48 States, the District of Columbia, Alaska, Hawaii, and Puerto Rico.

The volumes contain a general summary which includes statistics for all industries and States.

Preliminary statistics for the individual industries and for States were issued during 1940 and 1941, and later complete and detailed statistics were published in pamphlet form.

The statistics were compiled and published under the supervision of Thomas J. Fitzgerald, Chief Statistician for Manufactures, and John F. Daly, Assistant Chief Statistician, assisted by the staff of the Division whose names appear in the front of this volume. The statistics for Alaska, Hawaii, and Puerto Rico were compiled under the supervision of LeVerne Beales, who was then the Chief Statistician of the Division of Territorial, Insular, and Foreign Statistics.

Respectfully,

J. C. CAPT,
Director of the Census.

HON. JESSE H. JONES,
Secretary of Commerce.

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REPORTS ON MANUFACTURES

SIXTEENTH DECENNIAL CENSUS : 1940

MANUFACTURES : 1939

Volume I. General Report—Statistics by Subjects

Volume II. Part 1, Reports by Industries—Groups 1 to 10

Volume II. Part 2, Reports by Industries—Groups 11 to 20

Volume III. States and Outlying Areas

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GENERAL EXPLANATIONS

The final reports for the 1939 Census of Manufactures, which were published in pamphlet form (multilithed or printed), have been assembled in three bound volumes, as follows:

Volume I. General Report—Statistics by Subjects.
Volume II. Part 1, Reports by Industries—Groups 1 to 10.
Part 2, Reports by Industries—Groups 11 to 20.
Volume III. States and Outlying Areas.

The Census of Manufactures covering the year 1939 was the twenty-third such census taken in the United States. It was also the tenth of a series taken at 2-year intervals, beginning with 1921. The first census of manufactures covered the year 1809, and a census at 10-year intervals in connection with the Decennial Census of Population was taken thereafter up to and including 1899, with the exception of 1829, at which time no census of manufactures was taken. From 1904 through 1919, the census of manufactures was taken at 5-year intervals, after which the biennial series was begun. The 1921 census and all subsequent censuses have been taken under authority contained in section 32 of the Fourteenth Census Act, and later in section 17 of the Fifteenth Census Act. The Sixteenth Decennial Census, of which the 1939 Census of Manufactures is a part, was also taken under the Fifteenth Census Act.

1. **Area and period covered.**—The 1939 Census of Manufactures covered the 48 States and the District of Columbia, and manufacturing activities in Alaska, Hawaii, and Puerto Rico were canvassed with simplified questionnaires. The census of Hawaii and Puerto Rico related to manufacturing operations in the calendar year 1939, and that for Alaska covered the year from October 1, 1938, to September 30, 1939.

2. **The canvass.**—The canvass for the 1939 Census of Manufactures began on January 2, 1940, and was practically completed by the end of June, although some manufacturers failed to make their returns until some time later. The questionnaires were distributed and the returns collected by field enumerators, of whom approximately 6,400 were employed in the censuses of Manufactures, Business, and Mines and Quarries.

Logging camps and sawmills and manufacturing plants, such as planing mills, operated in conjunction with them, were canvassed in the 12 Western States and in Alaska by employees of the United States Forest Service, of the Department of Agriculture. Forest Service employees also reviewed the production data collected from the same classes of establishments in eight Eastern States. Through a cooperative agreement with the Agricultural Marketing Service, of the Department of Agriculture, the census returns for establishments producing butter, cheese, condensed and evaporated milk, and ice cream in the State of Wisconsin were collected and reviewed by the Madison office of that Department in conjunction with its annual canvass of dairy products.

All such cooperation by other Federal departments is handled by employees who are also sworn employees of the Bureau of the Census. It is believed that this type of cooperation is of benefit to all the agencies participating, and that it results in greatly enhancing the value of the statistics.

3. **Establishments covered—type.**—The censuses are confined, in general, to manufacturing industries proper. Data were collected for a few industries, however, the activities of which are not manufacturing in the sense in which the term is generally understood, the most important example being printing and publishing. The following classes of establishments are not covered by the Census of Manufactures:

(*a*) Those that were idle throughout the year or that manufactured during the year products which were valued at less than $5,000 (see sec. 4, below).

(*b*) Those engaged principally in the performance of work for individual customers, such as repair shops, custom tailor shops manufacturing products valued at less than $100,000 within the census year, and dressmaking and millinery shops (but this does not apply to large establishments manufacturing to fill special orders).

(*c*) Those engaged in the construction industries.

(*d*) Those engaged in the so-called neighborhood industries and hand trades, in which little or no power machinery is used, such as carpentry, blacksmithing, harnessmaking, tinsmithing, etc.

(*e*) Cotton ginneries.

(*f*) Small grain mills (gristmills) engaged exclusively in custom grinding.

(*g*) Wholesale and retail stores that incidentally manufacture on a small scale.

(*h*) Educational, eleemosynary, and penal institutions engaged in manufacturing. (Data for the production of binder twine in penal institutions and of brooms in institutions for the blind were, however, collected.)

(*i*) Establishments engaged in the manufacture of heating, cooking, and illuminating gas, distributed through mains.

(*j*) Electric and steam railroad repair shops.

(*k*) Electric light and power plants operated as public utilities.

4. **Establishments covered—minimum size limit.**—At the biennial censuses, with certain exceptions explained in the following paragraph, data have been collected only from establishments reporting products to the value of $5,000 or more.

In order to reduce the cost of the work and to facilitate the preparation of the statistics, no data (except in regard to wage earners and products, for 1921, and in regard to products only for certain industries, for 1923 and 1925) were collected from establishments with products valued at less than $5,000. At the quinquennial censuses, however, data on all subjects covered by the census were obtained from all establishments with products valued at $500 or more. This change in the minimum value-of-products limit, which resulted in a 21.6 percent reduction in the number of establishments in regard to which general and detailed statistics were compiled at the census for 1921, did not otherwise materially impair the comparableness of the biennial and quinquennial figures, since 99.4 percent of the total wage earners and 99.7 percent of the total value of products reported at that census were contributed by the establishments reporting products to the value of $5,000 or more.

5. **Definition of establishment.**—As a rule, the term "establishment" signifies a single plant or factory. Occasionally, however, separate returns are obtained for different lines of activity, assigned to different industry classifications, carried on in the same plant, in which case a single plant is counted as two or more establishments. In censuses prior to that for 1937 one return was usually counted as representing one establishment, although it might cover two or more plants operated under the same management and located in the same city, or in the same county but in different municipalities or unincorporated places having fewer than 10,000 inhabitants. For 1937 and 1939, however, the number of establishments represented by a return was determined by the respondent's answer to the question "How many plants does this report cover?" The total number of establishments was increased approximately 2,000 by this change in practice, but the change did not materially affect the number of establishments in any specific industry.

6. **Classification of industries.**—Although there are thousands of more or less distinct lines of manufacturing activity, for practical purposes, not only to bring the number of industries within reasonable compass but also in order to group together related processes and products, it has been necessary to establish a definite number of industry classifications. For the 1937 census, 351 separate classifications were recognized; for 1939, the number was increased to 446. The expansion was based on prevailing conditions in the actual organization of industry, and the new classifications were developed in collaboration with the Committee on Standard Industrial Classification established by the Division of Statistical Standards, of the Bureau of the Budget (formerly the Central Statistical Board).

7. **Industry groups.**—To facilitate the comparison of one broad class of manufacturing industries with another, the industries as constituted for census purposes are distributed into groups each embracing those industries that are related, in most cases by the character of the principal materials used, although several of the groups are constituted on the basis of the purpose or use of the chief products, and one, "Chemicals and allied products," on that of the character of the manufacturing processes employed. It is necessary, of course, in some cases to include in a particular group certain industries that use considerable quantities of materials or manufacture considerable quantities of products other than those treated as basic for the group. For example, the "Furniture and finished lumber products" group, in which wood is the basic material, includes industries that use considerable quantities of metal in the manufacture of furniture, shelving, etc.

At the censuses for 1921 and prior years, the classification comprised 14 groups. At the census for 1923 the industries were rearranged into 16 groups, which were retained until the census for 1939, when a further rearrangement into 20 groups was made, as follows:

Group No.

1. Food and kindred products.
2. Tobacco manufactures.
3. Textile-mill products and other fiber manufactures.
4. Apparel and other finished products made from fabrics and similar materials.
5. Lumber and timber basic products.
6. Furniture and finished lumber products.
7. Paper and allied products.
8. Printing, publishing, and allied industries.
9. Chemicals and allied products.
10. Products of petroleum and coal.
11. Rubber products.
12. Leather and leather products.
13. Stone, clay, and glass products.
14. Iron and steel and their products, except machinery.
15. Nonferrous metals and their products.
16. Electrical machinery.
17. Machinery (except electrical).
18. Automobiles and automobile equipment.
19. Transportation equipment except automobiles.
20. Miscellaneous industries.

8. **Classification of establishments.**—Each establishment as a whole (a single plant being counted as two or more establishments in certain cases, as explained in sec. 5) is assigned, on the basis of its product or group of products of chief value, to some one industry classification.

The statistics as to cost of materials, value of products, and value added by manufacture for any particular industry relate not only to the primary products normally belonging to that industry but also to certain secondary products which normally belong to other

industries. Thus, the establishments classified in an industry do not, as a rule, manufacture the total output of the primary products normally belonging to the industry, as in many cases some of these are made as secondary products by establishments in other industries.

The treatment of each establishment as a unit and its assignment to some one industry sometimes results in overrating the importance of certain industries and underrating that of others, because of the fact that where primary products of an industry are made in considerable quantities as secondary products in other industries, the statistics for the industry in which they are primary products do not include data for personnel, wages, cost of materials, etc., that are factors in the secondary production of these commodities in the other industries. In the case of every industry, the value of the secondary products not normally belonging to it, and that of commodities normally belonging to it but made as secondary products by establishments engaged primarily in other lines of manufacture, offset one another to a greater or to a lesser extent; and in most cases the total value of products reported for an industry does not differ greatly from the value of the total output, in all industries, of the classes of products covered by the industry designation.

9. **Changes in the scope of the Census of Manufactures between 1929 and 1939.**—It should be noted that seven industries, namely, "Car and general construction and repairs, electric-railroad repair shops," "Car and general construction and repairs, steam-railroad repair shops," "Coffee and spice, roasting and grinding," "Flax and hemp, dressed," "Gas, manufactured, illuminating and heating," "Motion pictures, not including projection in theaters," and "Peanuts, walnuts, and other nuts, processed or shelled," which were included in the Census of Manufactures for 1929 have since been omitted. The motion-picture industry, however, has been canvassed separately since 1929 but the data have not been included in the totals for manufacturing industries. The "Flax and hemp, dressed" industry was abandoned as a manufacturing industry after the 1929 census. Data for "Coffee and spice, roasting and grinding" and for "Peanuts, walnuts, and other nuts, processed or shelled" were not collected after the 1931 census. The industries "Gas, manufactured" and "Railroad repair shops" (both electric and steam) were not covered by the Census of Manufactures after 1935. The manufactured-gas industry was dropped because it was not practicable to obtain figures that did not include data for the distribution and the mixing of gas. Railroad repair shops were omitted because they are no longer classified as manufacturing establishments. However, the number and value of new cars and of locomotives built in these shops are included in the production figures for "Electric and steam railroad cars" and in those for "Locomotives built," respectively.

10. **The questionnaires.**—In preparation for the 1939 census, the questionnaires were revised, as for previous censuses, to incorporate practical recommendations made by manufacturers and other interested persons and to harmonize them so far as possible with questionnaires used in making certain monthly and quarterly canvasses. The principal change in the standard inquiries was in that relating to personnel, which was expanded to provide a break-down by sex and separate data for the employees of manufacturing plants who were engaged in distribution, construction, and other nonmanufacturing activities. A new inquiry, covering capital expenditures for plant and equipment in 1939, was added to the questionnaire.

11. **Persons engaged—general classification.**—In the 1939 census each manufacturer was asked to report the *total* number of employees receiving pay at any time within the normal pay-roll period ended nearest October 14, 1939, whereas in earlier censuses the pay-roll figures represented, in general, only employees engaged, directly or indirectly, in the manufacturing activities of the establishment. The employees reported for 1939 were classified, by sex, as salaried officers of corporations, manufacturing employees, distribution employees, construction employees, and all other employees. Thus salaried officers of corporations were not allocated to any one of these four employment groups. Manufacturing employees were further classified, by sex, as (1) managers, superintendents, and other supervisory employees, and responsible professional and technical employees; (2) clerks, stenographers, and other clerical employees; and (3) wage earners.

The comparability of the salaried-personnel figures for 1939 with those for earlier years is affected to an indeterminable extent by several factors. The 1937 questionnaire called for data on "Salaried officers of the corporation whose duties are concerned wholly or chiefly with manufacturing," whereas for 1939 and for other census years the item simply read "Salaried officers of the corporation." Furthermore, some manufacturers undoubtedly included data for the personnel of their central-administrative offices in the figures given in individual plant reports, although such central-office personnel was not to be reported except for those census years for which a special administrative-office questionnaire was used for reporting them. A third factor affecting the comparability of the figures is the specific segregation, for 1939, of nonmanufacturing employees. At earlier censuses manufacturers were instructed to report their personnel employed in *production* activities and in the power plant and such auxiliary activities as maintenance, shipping, warehousing, etc., at the same location. For the food, apparel, and printing and publishing industries, where

distribution constitutes an important part of the activities of the establishments, the 1939 figures for salaried personnel engaged primarily in connection with manufacturing indicate marked decreases as compared with the corresponding figures for earlier years, these decreases not being in harmony with changes in numbers of wage earners. It must be assumed that some of the personnel reported for earlier years as engaged in production activities or in activities connected with production were reported for 1939 as distribution or other nonmanufacturing employees. It is not known to what extent this factor affects the comparability of the figures.

12. **Wage earners and wages.**—Wage earners in manufacturing plants are, generally speaking, those who perform manual work, using tools, operating machines, handling materials and products, and caring for the plant and its equipment. They comprise both time and piece workers. Working foremen and "gang and straw bosses" are treated as wage earners, but foremen whose duties are primarily supervisory are classified as salaried employees.

The 1939 questionnaire called for the number of wage earners *engaged in manufacturing* receiving pay at any time within the normal pay-roll period ended nearest October 14, 1939, by sex, and also asked for the number receiving pay at any time within the normal pay-roll period ended nearest the fifteenth of each month. Thus, although the 1939 questionnaire provided for reporting all employees of manufacturing establishments, it did not provide for reporting separately the wage earners engaged in distribution, construction, and other nonmanufacturing work.

The averages for the year for industries and for States have been calculated by dividing the sums of the figures for the several months by 12. The averages for industry groups and for geographic divisions have usually been calculated by the same method, but in some cases these are simply the totals of the averages for the individual industries or for the States. For this reason, slight differences will be found in comparing the averages for industries and groups and those for divisions in different tables, but these differences are in no case of any statistical importance. The wage-earner averages in tables showing industry figures by States do not always add to the State totals, and the calculated averages do not, of course, add exactly to the United States totals in all cases.

The average for the year exceeds somewhat the number that would have been required for the work performed if all had been continuously employed through the year, because of the fact that it is impracticable to take into account the extent to which some or all of the wage earners may have been on part-time or for some other reason may not actually have worked on a full-time basis during the entire week covered by the entry for a given month. Moreover, in cases in which a plant was in operation during only a part of the month, the number of wage earners reported for the week selected would almost certainly be above the average for the month. The quotient obtained by dividing the amount of wages (the total amount paid to wage earners during the year) by the average number of wage earners cannot, therefore, be accepted as representing the average wage received by full-time wage earners. In making comparisons between the figures for 1939 and those for earlier years, the likelihood that the proportion of part-time employment varied from year to year should be taken into account.

13. **Cost of materials, etc.**—The questionnaire called for data on the cost of materials, supplies, and containers for products, the cost of fuel, and the cost of purchased electric energy "actually used during the year." Consequently the figures for the cost of materials, etc., and of fuel represent the actual consumption of these items in the production of the commodities reported as the year's output, not the purchases that may have been made within the year. The cost of materials does not include the cost of parts and replacements for machinery and equipment used in the plant, nor that of construction materials, etc., charged to capital accounts. In the cases of some industries it represents chiefly raw materials, such as crude rubber; in others it is the cost of semimanufactured materials, such as tanned leather or, for an assembly plant, motor-vehicle parts. Furthermore, certain commodities, such as textiles, flour, and wire, which in some cases are sold to individual consumers as finished products, in other cases are used as materials for further manufacture. The cost of fuel does not cover that used as material in manufacturing processes—for example, coal in the production of coke—which is included with other materials.

14. **Contract work.**—The term "contract work"—which does not imply the existence of a formal contract—is applied to work done outside the establishment reporting, on materials supplied by it, for the production of some or all of the commodities reported as the products of the establishment. It may be done by another manufacturing establishment or by persons working in their homes. Payments made for such work appear in the census reports as "Cost of contract work"; receipts for such work done for others are included in the total value of products.

The largest amount of contract work is reported by the clothing industries, and the printing and publishing industries rank second in this respect. In many industries, however, contract work is so small in amount as to be negligible, sometimes being merely incidental and not a normal or a necessary part of the industry's activities.

The cost of contract work is subtracted, together with the cost of materials, fuels, etc., from the value of products in computing the value added by manufacture.

15. **Value of products.**—The amounts under this heading are the selling values, at the factory or plant, of all commodities produced (or, for some industries, receipts for work done) during the census year, whether sold, transferred to other plants (interplant transfers), or in stock, and consequently, under normal conditions, the total value of products covers the cost of production (including overhead expenses) and profits. It also covers selling expenses except in cases where separate sales departments are operated, in which cases the values at which the products are turned over to sales departments are reported.

The value of products is not a satisfactory measure of the importance of a given industry, because only a part of this value is actually created within the industry. Another part, and often a much larger one, is contributed by the value of the materials used. The aggregates for cost of materials and value of products include large amounts of duplication due to the use of the products of some industries as materials by others. (See sec. 16, "Duplication in cost of materials and value of products.") In the case of establishments performing work under contract (see sec. 14, "Contract work," above) the amounts received for such work are reported in lieu of value of products.

Some manufacturers sell their products at prices which include freight and other delivery charges, but these transportation charges are deducted whenever possible.

Some establishments manufacture little or nothing for sale, but make partly finished products, or containers and auxiliary articles, for the use of other manufacturing establishments under the same ownership. For example, a blast furnace produces pig iron, which is used in the production of steel in plants under the same ownership. In such cases the "transfer value" assigned by the manufacturer is accepted as the value of the pig iron. This transfer value is usually based on market prices or on the cost of manufacture, but sometimes it is purely arbitrary.

16. **Duplication in cost of materials and value of products.**—In making use of the statistics for cost of materials and value of products for groups of industries or for all industries taken as an aggregate, it must be remembered that they include a large amount of duplication due to the use of the products of some establishments as materials by others. This duplication occurs, as a rule, between different industries and is not found to any great extent in individual industries. A most outstanding exception, however, is found in the "Motor vehicles, motor-vehicle bodies, parts and accessories" industry, in which there is a large amount of duplication. The net value of all manufactured products, exclusive of such duplication, is estimated to have been approximately two-thirds of the gross value for 1929. No corresponding estimate has been made for subsequent years.

17. **Value added by manufacture.**—The value of products is not a satisfactory measure of the importance of a given industry, because only a part of this value is actually created within the industry, another, and sometimes much larger, part being contributed by the materials used. For some purposes the most satisfactory measure is the "value added by manufacture"—that is, the increase in the total value of commodities in existence as represented by the difference between the cost of the materials, etc., consumed and the value of the products made from them. It is calculated by subtracting the cost of materials, supplies, containers, fuel, purchased electric energy, and contract work from the value of products.

This net addition to the value of commodities is almost free from the duplication that is a factor in the total value of products. It does, however, include a small amount of duplication due to the fact that certain establishments perform contract work on materials owned by other establishments either in the same or in affiliated industries. Such establishments report the amount received for contract work in lieu of value of products, and where they are classified in the same industry as the establishments that produce the finished commodities, this results in duplication in the total value of products and therefore in the total value added by manufacture. The amount of this duplication in the value added is insignificant except in a few industries, particularly the manufacture of clothing.

In comparing manufacturing industries with one another, the relation between the value of finished products and the cost of materials should be kept constantly in mind. The products of one industry may be valued at the same amount as those of another, but in one case, in which low-cost materials are used and much labor is expended on them, several times as much value may be added to the materials as in the other industry, where the materials are expensive and only a small amount of labor is required to process them. It is obvious that the industry that adds the greater amount of value is of the greater economic importance.

For 1937, the value added by manufacture was calculated in the same manner as for 1939. For 1935, however, the cost of contract work was included in the subtracted figure for only those industries (or groups of closely related industries in the Textiles and Printing and Publishing fields) in which it represented 10 percent or more of the total for materials, fuel, etc., and for earlier years the cost of contract work was not subtracted from the value of products in computing the value added by manufacture for any industry.

18. **Profits and production costs.**—Profits cannot be calculated from the census statistics, for the reason that these statistics do not show total production costs, no data in regard to depreciation, interest, insurance, rent, taxes (except internal-revenue taxes for certain indus-

tries), and other miscellaneous expense items having been collected.

19. **Price changes.**—In comparing the figures for cost of materials, value of products, and value added by manufacture for different census years, price changes should be taken into account. To the extent to which this factor was influential, the figures fail to afford true indexes of the actual increase or decrease in manufacturing activities.

20. **Inventory.**—For 1939, as for 1937, the values of inventories at the beginning and at the end of the year were called for under two heads, namely, (*a*) finished products (including goods produced by outside contract work from materials supplied by the establishment reporting) and (*b*) materials, supplies, fuel, work in process, and all other inventories. For the larger establishments, particularly, separate figures for these two classes of inventories were obtained whenever possible. If no separation could be made, however, the total value of all inventories was tabulated either as finished-products inventory or as materials, supplies, etc., inventory, according to how inventories in the particular industry were generally reported. Since a number of manufacturers failed to give the separate inventory figures, the totals for all inventories are more nearly complete than are the figures for the two separate groups of inventory items.

It should be noted that only those inventories held at manufacturing plants are reported for the Census of Manufactures. Inventories owned by manufacturing concerns but held in warehouses separate from the manufacturing plants are not included. The tobacco industries offer a good example of industries where large inventories are held in warehouses not connected with any individual manufacturing plant.

Data on inventories were not collected for any of the industries in the Printing, Publishing, and Allied Industries group, nor were inventory data tabulated for contract shops in the textile industries. The value of the products of those industries for which inventory data were not collected or tabulated was not considered in determining the proportion of the total value of products represented by establishments for which satisfactory inventory data were reported. Establishments whose values of products amounted to 96.5 percent of the total value of products reported in the 1939 census either supplied inventory figures or stated that they had no stocks on hand.

21. **Expenditures for plant and equipment.**—For 1939, for the first time in any census of manufactures, data were collected on capital expenditures for plant and equipment. Manufacturers were requested to report expenditures in 1939 for permanent additions and major alterations that were charged to fixed-asset accounts and were of the type for which depreciation accounts are ordinarily maintained. These expenditures were divided into three groups, namely, (1) those for new construction and major alterations of buildings and other fixed plants and structures, (2) those for new machinery and operating equipment, and (3) those for plant and equipment acquired in a "used" condition from other owners, and expenditures for land. Some manufacturers failed to distribute their total expenditures under this inquiry between (1), (2), and (3), and consequently the figures given in this report for total expenditures for plant and equipment are more nearly complete than are those for the three items under this total. The statistics are presented in such form as to show the relative number and size of manufacturing establishments that were increasing their investments in plants and equipment in 1939. The figures relate only to plants that were in operation in 1939, and do not cover idle plants and plants under construction that were not put into operation within that year. They do not, of course, include data for expenditures made by the owners of plants and equipment leased from others by the manufacturers reporting.

22. **Power equipment.**—In the 1939 census, as in those for 1935 and 1929, data on the power equipment of manufacturing plants were collected. (Because of the incompleteness of the data for 1935, no statistics on power equipment were published for that year.) The inquiry for 1939 was more detailed than that for 1929 in that for the current census prime movers were classified not only as to type but also as to whether they were used for driving generators. This expansion of the inquiry permits a direct comparison between the horsepower capacity of prime movers driving generators and the kilowatt capacity of the generators driven by them. In order to be able to present information on the capacity of power equipment not ordinarily in use, data on the total horsepower rating of idle prime movers and on the kilowatt rating of idle generators were collected.

Some manufacturers operating two or more plants reported their entire power-plant equipment, including motors installed in their several plants, on a "master schedule." In these cases the data were not apportioned to the individual plant reports, but were assigned as a whole to the industry in which the major part of the manufacturer's business was classified.

The figures for the horsepower rating of motors driven by purchased energy have not been added to the total for the horsepower of prime movers, as was done in the 1929 census, to obtain an aggregate figure for horsepower.

23. **Fuel and electric energy used.**—The quantities of the several kinds of fuel (coal, coke, fuel oil, and gas) used, and the quantity of electric energy purchased, by manufacturing establishments in 1939 were reported, together with the cost of each. In addition, each establishment that generated electric energy reported

the quantity produced and the amount sold. The cost figures were used for editing purposes but were not published in detail. Practically the same inquiry was carried on the 1937 schedule, except that no detailed cost figures were called for. The quantity and cost figures cover not only consumption for the production of power and heat but those for electric energy cover the use of energy for light and in electrochemical processes.

24. **Disclosure of data for individual establishments.**—The Bureau of the Census is prohibited by law from publishing any statistics that disclose data for individual establishments. For this reason it is necessary in some cases to withhold separate figures for an industry or for a State, and to include these figures in an "Other" item, despite the fact that the industry or the State concerned may be more important than are some of those for which separate figures are published. In general, separate figures are given for each industry and for each State represented by three or more establishments. In some cases, however, one or more establishments produce a very large proportion of the combined output of three or more in a particular industry or in a State, and in such cases the figures for the industry or for the State are not given separately but are included in those for "Other industries" or "Other States." Personnel figures are given, however, for all industries and for all States represented by three or more establishments (under separate ownership or control), even when the other figures are combined or withheld.

25. **Industrial areas.**—The 97 counties in which, as measured by number of wage earners employed, more than half the manufacturing activities of the country are concentrated have been grouped, for manufactures-census purposes, into 33 industrial areas, none of which had fewer than 40,000 factory wage earners when these areas were established for the 1929 census. The most practical method of establishing the boundaries of these areas has been adopted, namely, that of following county lines. Thus each area comprises, in addition to the city or cities within it, one or more entire counties, even though the industrial activities of the area may not be uniformly distributed throughout all parts of these counties.

The industrial area must not be confused with the "metropolitan district," as established for population-census purposes, which includes, together with the central city or cities, all the adjacent and contiguous civil divisions having at least 150 inhabitants per square mile.

The industrial areas were established to permit the presentation of statistics for regions of industrial concentration. It is obvious that the boundaries of a city do not enclose the entire area of which the city is the business and industrial center, and likewise that those concentrations of industry that overlap State boundaries are not adequately represented in the statistics for individual States. The industrial areas as constituted for census purposes are not subject to these limitations, and are given their proper places in the census statistics as coherent, integrated units of industrial activity.

26. **Changes in figures for earlier years.**—It will be found that some of the tables in this report do not carry comparative figures for as many earlier years as did corresponding tables for prior censuses. This is due largely to the fact that it was impracticable to carry the adjustments required by the revision of classifications, outlined in sections 6 and 7 above, back through the figures for all census years. Furthermore, it will be found that some changes have been made in the comparative figures here published, resulting partly from the classification revisions but chiefly from the abandonment of certain industries, as explained in section 9. Important differences have been explained, but minor changes are merely indexed to the footnote 'Revised."

27. **Changes in industry groups, industry classifications, and titles: 1939.**—The following list gives the changes in industry groups, titles, and classifications between 1937 and 1939 (see also Appendix E):

Group 1.—**FOOD AND KINDRED PRODUCTS**

Baking powder, yeast, and other leavening compounds.—Transferred from the Chemicals and Allied Products group.

Beet sugar.—Title changed from "Sugar, beet."

Blended and prepared flour made from purchased flour.—New industry, products of which are blended flour made from purchased flour (not formerly treated as a manufactured product) and prepared (self-rising) flour made from purchased flour (formerly classified as a product of the "Cereal preparations" industry).

(1) Bread and other bakery products (except biscuit, crackers, and pretzels); and (2) biscuit, crackers, and pretzels.—Formerly one industry under the industry title "Bread and other bakery products."

Candy and other confectionery products.—Formerly designated as "Confectionery."

Cane sugar—except refineries.—Title changed from "Sugar manufacture, cane."

Cane-sugar refining.—Title changed from "Sugar refining, cane."

(1) Canned and dried fruits and vegetables (including canned soups); (2) pickled fruits and vegetables and vegetable sauces and seasonings; (3) preserves, jams, jellies, and fruit butters; (4) quick-frozen foods; and (5) salad dressings.—New industries made up of establishments formerly classified in the abandoned industry title "Canned and dried fruits and vegetables; canned and bottled juices; preserves, jellies, fruit butters; pickles, and sauces."

(1) Canned fish, crustacea, and mollusks; and (2) cured fish.—Formerly one industry under the designation "Canned and cured fish, crabs, shrimps, oysters, and clams."

Cereal preparations.—Revised to exclude prepared (self-rising) flour, classified as a product of the "Flour and other grain-mill products" and "Blended and prepared flour made from purchased flour" industries. Corn grits for brewers' use, formerly classified as a product of this industry, have been transferred to the "Flour and other grain-mill products" industry.

Chocolate and cocoa products.—Title changed from "Chocolate and cocoa products, not including confectionery."

Cooking and other edible fats and oils, not elsewhere classified.—Title changed from "Shortenings (other than lard), vegetable cooking oils, and salad oils."

Creamery butter.—Title changed from "Butter."

Flavoring extracts and flavoring sirups, not elsewhere classified.—Title changed from "Flavoring extracts, flavoring sirups, and related products."

Food preparations, not elsewhere classified.—Revised to exclude prepared meats, now classified as products of the "Sausages, prepared meats, and other meat products—not made in meat-packing establishments" industry, and processed butter, processed cheese, and other processed dairy products, transferred to the new industry "Special dairy products."

Ice cream and ices.—Title changed from "Ice cream."

Malt liquors.—Title changed from "Liquors, malt."

(1) Meat packing, wholesale; and (2) custom slaughtering, wholesale.—Formerly one industry under the designation "Meat packing, wholesale."

Nonalcoholic beverages.—Title changed from "Beverages, nonalcoholic."

Prepared feeds (including mineral) for animals and fowls.—Title changed from "Feeds, prepared, for animals and fowls."

Sausages, prepared meats, and other meat products—not made in meat-packing establishments.—Formerly designated as "Sausage, meat puddings, headcheese, etc.—not made in meat-packing establishments." Includes prepared meat products formerly classified in the "Food preparations not elsewhere classified" industry.

Special dairy products.—New industry, products of which were formerly classified in the "Food preparations not elsewhere classified" industry.

Wines.—Title changed from "Liquors, vinous."

Group 2.—TOBACCO MANUFACTURES

[New industry group, which covers the "Cigarettes," "Cigars," and "Tobacco (chewing and smoking and snuff" industries, formerly included in the Miscellaneous Industries group]

Group 3.—TEXTILE-MILL PRODUCTS AND OTHER FIBER MANUFACTURES

[New group, industries of which were formerly classified in the abandoned industry group "Textiles and their products." See also Group 4.—Apparel and other finished products made from fabrics and similar materials]

Artificial leather and oilcloth.—Consolidation of former industries "Artificial leather" and "Oilcloth."

Carpets and rugs, wool.—Title changed from "Carpets and rugs, wool (other than rag)."

Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags.—New industry, products of which were formerly classified in the abandoned industries "Carpets and rugs, paper-fiber and grass" and "Carpets and rugs, rag." To this new industry classification have also been assigned establishments primarily engaged in the production of cotton carpets and rugs, formerly classified in the "Cotton broad woven goods" industry; chenille bath mats, formerly classified in the "Housefurnishings (except curtains, draperies, and bedspreads)" industry; jute carpets and rugs, formerly classified in the "Jute goods (except felt)" industry; and flax carpets and rugs, formerly classified in the "Linen goods" industry.

Cloth sponging and miscellaneous special finishing.—New industry classification, comprising establishments engaged in cloth sponging, formerly classified in the "Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories" industry and establishments engaged in special finishing processes such as waxing cloth, finishing window-shade cloth, varnishing cambric and buckram, etc., which establishments were previously classified in the former industries "Dyeing and finishing, cotton-fabric" and "Dyeing and finishing, rayon- and silk-fabric."

Cotton broad woven goods.—Title changed from "Cotton woven goods (over 12 inches in width)," and industry revised to include products formerly classified in the abandoned industry "Fish nets and seines" and products of dyeing and finishing departments of cotton weaving mills, formerly classified in the "Dyeing and finishing, cotton-fabric" industry; and to exclude cotton rugs transferred to the new industry classification "Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags."

(1) Cotton thread; and (2) cotton yarn.—Formerly one industry, "Cotton yarn and thread." Dyeing and finishing departments of cotton yarn and thread mills have been transferred to these industries from the abandoned industry "Dyeing and finishing yarn (cotton, rayon, and silk)—for sale or on commission."

Dyeing and finishing cotton, rayon, silk, and linen textiles.—New industry classification, products of which were formerly classified in the abandoned industries "Dyeing and finishing, cotton-fabric," "Dyeing and finishing, rayon- and silk-fabric," and "Dyeing and finishing yarn (cotton, rayon, and silk)—for sale or on commission." Establishments engaged in special finishing processes, such as waxing cloth, varnishing cambric and buckram, etc., and the dyeing and finishing departments of integrated cotton, rayon, and silk mills, are classified in the respective spinning and weaving industries.

Dyeing and finishing, woolen and worsted.—Title changed from "Woolen and worsted dyeing and finishing," and industry revised to exclude establishments primarily engaged in winding or balling hand-knitting yarn, which have been transferred to the "Woolen and worsted manufactures—regular factories or jobbers engaging contractors" industry. Dyeing and finishing mills of integrated companies engaged in both weaving and finishing in separate plant locations have been transferred to this industry from the abandoned industries "Woolen woven goods, including woven felts" and "Worsted woven goods."

Felt goods, wool, hair, and jute (except woven felts and hat bodies and hats).—Title changed from "Felt goods (except woven felts)."

Finishing of men's and boys' hats of fur-felt, wool-felt, and straw.—New industry, products of which were previously classified in the former industries "Hats, fur-felt" and "Hats, straw, men's."

Hat bodies and hats, fur-felt.—New industry, products of which were formerly classified in the abandoned industry "Hats, fur-felt."

Hat bodies and hats, wool-felt.—Title changed from "Hat bodies, carded wool-felt."

Hats, straw.—Title changed from "Hats, straw, men's." Establishments engaged in finishing men's straw hats have been assigned to the new industry classification "Finishing of men's and boys' hats of fur-felt, wool-felt, and straw."

Hatters' fur.—New industry, products of which were previously classified in the former industry "Hat and cap materials, men's." Establishments classified in the former industry, which have not been assigned to the "Hatters' fur" industry, have been transferred to the new industry "Hat and cap materials; trimmings, etc.," in Group 4.

(1) Hosiery—full-fashioned; and (2) hosiery—seamless.—Formerly one industry, "Hosiery."

Jute goods (except felt).—Title changed from "Jute goods," and industry revised to exclude jute carpets, which have been transferred to the new industry classification "Carpets, rugs,

and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags."

Knitted gloves.—Title changed from "Gloves and mittens, knitted," and industry revised to include establishments engaged in cutting and stitching fabric gloves from knit cloth made in separate mills of integrated companies, previously classified in the former industry "Gloves and mittens, cloth or cloth and leather combined, made from purchased materials."

Knitted outerwear (except knit gloves)—contract factories.—Title changed from "Knitted outerwear—contract factories."

Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors.—Title changed from "Knitted outerwear—regular factories."

Knitted underwear.—Revised to include establishments engaged in cutting and stitching knitted-fabric underwear from knit cloth made in separate mills of integrated companies, formerly classified in the "Women's, children's, and infants' underwear and nightwear of knitted fabrics" industry.

Linen goods.—Revised to exclude linen carpets and rugs, which have been transferred to the new industry classification "Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags."

Linoleum, asphalted-felt-base, and other hard-surface floor coverings, not elsewhere classified.—Consolidation of former industries "Asphalted-felt-base floor covering" and "Linoleum."

(1) Processed waste and recovered wool fibers—contract factories; and (2) processed waste and recovered wool fibers—regular factories or jobbers engaging contractors.—Formerly one industry, "Processed waste and recovered wool fiber—for sale."

(1) Rayon broad woven goods—contract factories; and (2) rayon broad woven goods—regular factories or jobbers engaging contractors.—Formerly one industry, "Rayon broad woven goods (18 inches wide and over)." The line of demarcation between broad rayon and narrow rayon fabrics was established for 1939 as 12 inches, in lieu of 18 inches at the 1937 Census of Manufactures.

Rayon throwing and spinning—contract factories.—Title changed from "Rayon throwing and spinning—commission only."

Rayon yarn and thread, spun or thrown—regular factories or jobbers engaging contractors.—Title changed from "Rayon yarn and thread—processed for sale."

(1) Silk broad woven goods—contract factories; and (2) silk broad woven goods—regular factories or jobbers engaging contractors.—Formerly one industry, "Silk broad woven goods (18 inches wide and over)." The line of demarcation between broad silks and narrow silk fabrics was established for 1939 as 12 inches, in lieu of 18 inches at the 1937 Census of Manufactures.

Silk throwing and spinning—contract factories.—Title changed from "Silk throwing and spinning—commission only."

Silk yarn and thread, spun or thrown—regular factories or jobbers engaging contractors.—Title changed from "Silk yarn and thread—made for sale."

(1) Woolen and worsted manufactures—contract factories; and (2) woolen and worsted manufactures—regular factories or jobbers engaging contractors.—New industry classification, products of which were formerly classified in the abandoned industries "Wool combing—commission, and tops for sale," "Woolen woven goods, including woven felts," "Woolen yarn," "Wool scouring," "Worsted woven goods," and "Worsted yarn." To these new industry classifications have also been transferred establishments engaged primarily in winding woolen and worsted hand-knitting yarns, formerly classified in the "Dyeing and finishing woolen and worsted" industry.

Group 4.—APPAREL AND OTHER FINISHED PRODUCTS MADE FROM FABRICS AND SIMILAR MATERIALS

[New group, industries of which were formerly classified in the abandoned industry group "Textiles and their products." See also Group 3.—Textile-mill products and other fiber manufactures]

Belts (apparel), regardless of material.—New industry, products of which were formerly classified in the "Leather goods not elsewhere classified" industry and the abandoned industries "Furnishing goods, men's, not elsewhere classified—regular factories" and "Clothing, women's, misses', and children's, not elsewhere classified—regular factories."

Canvas products (except bags).—Title changed from "Awnings, tents, sails, and canvas covers."

(1) Children's and infants' wear not elsewhere classified—made in contract factories; and (2) children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors.—New industry classifications, products of which were formerly classified in the abandoned industries "Outerwear, children's and infants'—contract factories" and "Outerwear, children's and infants'—regular factories."

(1) Children's coats—made in contract factories; and (2) children's coats—made in inside factories or by jobbers engaging contractors.—New industry classifications, products of which were formerly classified in the abandoned industries "Outerwear, children's and infants'—contract factories" and "Outerwear, children's and infants'—regular factories."

(1) Children's dresses—made in contract factories; and (2) children's dresses—made in inside factories or by jobbers engaging contractors.—New industry classifications, products of which were formerly classified in the abandoned industries "Outerwear, children's and infants'—contract factories" and "Outerwear, children's and infants'—regular factories."

Coats, suits, and skirts (except fur coats)—made in contract factories.—Title changed from "Coats, suits, and separate skirts, women's, misses', and juniors'—contract factories."

Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors.—Title changed from "Coats, suits, and separate skirts, women's, misses', and juniors'—regular factories."

Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors.—Title changed from "Curtains, draperies, and bedspreads—regular factories."

Dress and semidress gloves and mittens: cloth, cloth and leather combined.—New industry, products of which were formerly classified in the abandoned industry "Gloves and mittens, cloth or cloth and leather combined, made from purchased materials." Establishments, formerly classified in this industry, which are primarily engaged in cutting and stitching knitted-fabric gloves from knit cloth made in separate mills of integrated companies, have been transferred to the "Knitted gloves" industry.

Embroideries, other than Schiffli-machine products (1) made in regular factories or by jobbers engaging contractors; and (2) contract factories.—Titles changed from "Embroideries other than Schiffli-machine products—regular factories" and "Embroideries—other than Schiffli-machine products—contract factories."

Embroideries: Schiffli-machine products.—Consolidation of the former industries "Embroideries—Schiffli-machine products—contract factories" and "Embroideries—Schiffli-machine products—regular factories."

Fur coats and other fur garments, accessories, and trimmings.—Consolidation of the former industries "Fur goods—contract factories" and "Fur goods—regular factories," previously classified in the "Miscellaneous industries" group.

Handkerchiefs—made in contract factories.—Title changed from "Handkerchiefs—contract factories."

Handkerchiefs—made in inside factories or by jobbers engaging contractors.—Title changed from "Handkerchiefs—regular factories."

Hat and cap materials; trimmings, etc.—Title changed from "Hat and cap materials, men's," and industry revised to exclude establishments primarily engaged in the production of hatters' fur for further processing, which have been transferred to the new industry classification "Hatters' fur."

House dresses, uniforms, and aprons—made in contract factories.—Title changed from "Dresses: house dresses, uniforms and aprons—contract factories."

House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors.—Title changed from "Dresses: house dresses, uniforms, and aprons—regular factories."

Housefurnishings (except curtains, draperies, and bedspreads).—Title changed from "Housefurnishings not elsewhere classified," and industry revised to exclude establishments primarily engaged in the manufacture of chenille bath mats, which have been transferred to the new industry classification "Carpets, rugs, and mats made of such materials as paper fiber, grass, jute, flax, sisal, cocoa fiber, and rags."

Men's and boys' hats and caps (except felt and straw).—Title changed from "Hats and caps, except felt and straw, men's."

Men's and boys' shirts (except work shirts), collars, and nightwear—contract factories.—Title changed from "Shirts (except work shirts), collars, and nightwear—contract factories."

Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors.—Title changed from "Shirts (except work shirts), collars, and nightwear—regular factories."

Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories.—Title changed from "Clothing, men's, youths', and boys', not elsewhere classified—contract factories," and industry revised to exclude establishments engaged in the production of men's rainwear on a contract basis, which have been transferred to the "Raincoats and other waterproof garments (except oiled cotton)" industry. Establishments primarily engaged in cloth sponging, formerly classified in this industry, have been transferred to the new industry classification "Cloth sponging and miscellaneous special finishing."

Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors.—Title changed from "Clothing, men's, youths', and boys', not elsewhere classified—regular factories," and industry revised to exclude establishments primarily engaged in the manufacture of men's rainwear, which have been transferred to the "Raincoats and other waterproof garments (except oiled cotton)" industry.

Men's and boys' underwear—made in contract factories.—Title changed from "Underwear, men's—contract factories."

Men's and boys' underwear—made in inside factories or by jobbers engaging contractors.—Title changed from "Underwear, men's—regular factories."

(1) Men's neckwear—made in contract factories; and (2) men's neckwear—made in inside factories or by jobbers engaging contractors.—New industry classifications, products of which were formerly classified in the abandoned industries "Furnishing goods, men's, not elsewhere classified—contract factories" and "Furnishing goods, men's, not elsewhere classified—regular factories."

Millinery.—Consolidation of the former industries "Millinery—contract factories" and "Millinery—regular factories."

Miscellaneous fabricated textile products not elsewhere classified.—New industry, products of which were formerly classified in the abandoned industries "Flags, banners, regalia, vestments, robes, and related products" and "Fabricated textile products not elsewhere classified," with the exception of vestments and academic robes, which have been assigned to the "Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel not elsewhere classified" industry.

Raincoats and other waterproof garments (except oiled cotton).—New industry, products of which were previously classified in the former industries "Clothing, men's, youths', and boys', not elsewhere classified—contract factories," "Clothing, men's, youths', and boys', not elsewhere classified—regular factories," "Clothing, women's, misses', and children's, not elsewhere classified—contract factories," and "Clothing, women's, misses', and children's, not elsewhere classified—regular factories."

Robes, lounging garments, and dressing gowns.—New industry classification, products of which were classified in the industries formerly designated as "Furnishing goods, men's, not elsewhere classified—contract factories," "Furnishing goods, men's, not elsewhere classified—regular factories," "Clothing, women's, misses', and children's, not elsewhere classified—contract factories," and "Clothing, women's, misses', and children's, not elsewhere classified—regular factories."

Suspenders, garters, and other goods made from purchased elastic material.—Title changed from "Suspenders, garters, and other elastic woven products (except orthopedic and athletic) made from purchased webbing."

Textile bags—not made in textile mills.—Title changed from "Bags, other than paper."

Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories.—Title changed from "Trimmings (not made in textile mills); stamped art goods for embroidering—contract factories."

Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors.—Title changed from "Trimmings (not made in textile mills); stamped art goods for embroidering—regular factories."

Women's and misses' blouses and waists—made in contract factories.—Title changed from "Blouses, women's, misses', and children's—contract factories."

Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors.—Title changed from "Blouses, women's, misses', and children's—regular factories."

(1) Women's and misses' clothing, not elsewhere classified—made in contract factories; and (2) women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors.—Titles changed from "Clothing, women's, misses', and children's, not elsewhere classified—contract factories" and "Clothing, women's, misses', and children's, not elsewhere classified—regular factories," respectively. These industries have been revised to exclude establishments primarily engaged in the manufacture of women's, children's, and infants' underwear and nightwear of rayon and silk woven fabrics, women's neckwear, scarfs, etc., women's and children's robes, lounging garments, and dressing gowns, and women's and children's rainwear, which establishments have been transferred to the new industry classifications "Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabric," "Women's neckwear, scarfs, etc.," "Robes, lounging garments, and dressing gowns," and "Raincoats and other waterproof garments (except oiled cotton)."

Women's and misses' dresses (except house dresses)—made in contract factories.—Title changed from "Dresses, except house dresses—contract factories."

Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors.—Title changed from "Dresses, except house dresses—regular factories."

Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics.—Title changed from "Underwear and nightwear of cotton and flannelette woven fabrics, women's, children's, and infants'."

Women's, children's, and infants' underwear and nightwear of knitted fabrics.—Title changed from "Underwear and nightwear of knitted fabric, women's, children's, and infants'"; and industry revised to exclude establishments engaged in cutting and stitching knitted-fabric underwear from knit cloth made in separate mills of integrated companies. These establishments have been transferred to the "Knitted underwear" industry.

Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics.—New industry, products of which were classified in the former industries "Clothing, women's, misses', and children's, not elsewhere classified—contract factories" and "Clothing, women's, misses', and children's, not elsewhere classified—regular factories."

Women's neckwear, scarfs, etc.—New industry, products of which were formerly classified in the abandoned industries "Clothing, women's, misses', and children's, not elsewhere classified—contract factories" and "Clothing, women's, misses', and children's, not elsewhere classified—regular factories."

Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified.—Title changed from "Clothing, work (including work shirts), and sport garments, except leather," and industry revised to exclude establishments primarily engaged in the manufacture of men's and boys' work and flannel shirts, which have been transferred to the new industry classification "Work shirts," and to include establishments engaged in the production of vestments and academic robes, formerly classified in the abandoned industry "Flags, banners, regalia, vestments, robes, and related products."

Work gloves and mittens: cloth, cloth and leather combined.—New industry, products of which were formerly classified in the abandoned industry "Gloves and mittens, cloth or cloth and leather combined, made from purchased materials."

Work shirts.—New industry, comprising establishments primarily engaged in the production of men's and boys' work and flannel shirts, previously classified in the former industry "Clothing, work (including work shirts), and sport garments, except leather."

Group 5.—LUMBER AND TIMBER BASIC PRODUCTS

[New group, industries of which were formerly classified in the abandoned industry group "Forest products." See also Group 6.—Furniture and finished lumber products]

(1) Logging camps and logging contractors (not operating sawmills); and (2) sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills.—New industries, products of which, except those of plywood mills, were formerly classified in the abandoned industry "Lumber and timber products not elsewhere classified." Plywood mills now constitute a new industry, "Plywood mills."

Planing mills not operated in conjunction with sawmills.—Title changed from "Planing-mill products and other wooden products not elsewhere classified, made in planing mills not connected with sawmills." Establishments primarily engaged in the manufacture of Venetian blinds, formerly classified in this industry, have been transferred to the new industry "Venetian blinds," Group 6.—Furniture and Finished Lumber Products.

Plywood mills.—New industry, products of which were classified in the former industries "Lumber and timber products not elsewhere classified" and "Planing-mill products and other wooden products not elsewhere classified, made in planing mills not connected with sawmills."

Group 6.—FURNITURE AND FINISHED LUMBER PRODUCTS

[New group, industries of which were formerly classified in the abandoned industry group "Forest products." See also Group 5.—Lumber and timber basic products]

(1) Baskets for fruits and vegetables; and (2) rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets.—Formerly one industry, "Baskets and rattan and willowware, not including furniture."

Billiard and pool tables, bowling alleys, and accessories.—Abandoned as an industry classification. Products formerly classified in this industry have been transferred to the new industry "Sporting and athletic goods not elsewhere classified," Group 20.—Miscellaneous Industries.

Cigar boxes: wooden, part wooden.—Title changed from "Boxes, cigar, wooden and part wooden."

(1) Household furniture, except upholstered; (2) laboratory, hospital, and other professional furniture; (3) office furniture; (4) partitions, shelving, cabinet work, and office and store fixtures; (5) public-building furniture; and (6) upholstered household furniture.—Formerly one industry, "Furniture, including store and office fixtures."

Mattresses and bedsprings.—Title changed from "Mattresses and bedsprings not elsewhere classified," and industry transferred from the "Miscellaneous industries" group.

Mirror frames and picture frames.—Title changed from "Mirror and picture frames."

Synthetic-resin, cellulose-plastic, vulcanized-fiber, and molded and pressed pulp fabricated articles, not elsewhere classified.—Abandoned as an industry classification. Products formerly classified in this industry have been transferred to the new industries "Fiber cans, tubes, and similar products," Group 7; "Pulp goods (pressed, molded)," Group 7; and "Fabricated plastic products, not elsewhere classified," Group 20.

Turpentine and rosin.—Title changed to "Gum naval stores (processing but not gathering or warehousing)," and industry transferred to Group 9.—Chemicals and Allied Products.

Venetian blinds.—New industry, products of which were formerly classified in the abandoned industry "Planing-mill products, and other wooden products not elsewhere classified, made in planing mills not connected with sawmills."

Window shades.—Title changed from "Window shades (textile and paper) and fixtures," and industry transferred from the "Miscellaneous industries" group.

Wood products not elsewhere classified.—Title changed from "Wood turned and shaped and other wooden goods, not elsewhere classified."

Wooden boxes except cigar boxes.—Title changed from "Boxes, wooden, except cigar boxes."

Group 7.—PAPER AND ALLIED PRODUCTS

(1) Coated and glazed paper; and (2) converted paper products not elsewhere classified.—Formerly one industry, "Paper goods not elsewhere classified."

Die-cut paper and paperboard, and converted cardboard.—New industry, products of which were formerly classified in the abandoned industries "Cardboard, not made in paper mills," "Card cutting and designing," and "Paper goods not elsewhere classified."

(1) Fiber cans, tubes, and similar products; and (2) paperboard containers and boxes not elsewhere classified.—New industries, products of which were formerly classified in the abandoned industries "Boxes, paper, not elsewhere classified,"

"Synthetic-resin, cellulose-plastic, vulcanized-fiber, and molded and pressed pulp fabricated articles, not elsewhere classified," and "Paper goods not elsewhere classified."

Paper and paperboard mills.—Title changed from "Paper."

Paper bags, except those made in paper mills.—Title changed from "Bags, paper, exclusive of those made in paper mills."

Pulp goods (pressed, molded).—New industry, products of which were formerly classified in the abandoned industry "Synthetic-resin, cellulose-plastic, vulcanized-fiber, and molded and pressed pulp fabricated articles, not elsewhere classified."

Pulp mills.—Title changed from "Pulp (wood and other fiber)."

Group 8.—PRINTING, PUBLISHING, AND ALLIED INDUSTRIES

Bookbinding and related industries.—Title changed from "Bookbinding and blank-book making."

Books: printing without publishing.—New industry, products of which were classified in the industries formerly designated as "Lithographing," "Photoengraving, not done in printing establishments," and "Printing and publishing, book, music, and job."

(1) Books: publishing and printing; (2) books: publishing without printing; (3) general commercial (job) printing; and (4) machine and hand typesetting (including advertisement typesetting).—New industries, products of which were classified in the abandoned industry "Printing and publishing, book, music, and job."

Electrotyping and stereotyping, not done in printing establishments.—Title changed from "Stereotyping and electrotyping, not done in printing establishments."

Engraving (other than steel, copperplate, or wood), chasing, etching, and diesinking.—Title changed to "Engraving on metal (except for printing purposes)," and industry transferred to Group 15.—Nonferrous Metals and Their Products.

Engraving (steel, copperplate, and wood); plate printing.—Formerly designated as "Engraving, steel, copperplate, and wood, and plate printing." The engraving and plate printing of greeting cards, formerly included in this industry, have been transferred to the new industry "Greeting cards (except hand-painted)."

(1) Gravure, rotogravure, and rotary photogravure (including preparation of plates); and (2) photoengraving, not done in printing establishments (including preparation of plates).—New industries, products of which were classified in the former industry "Photoengraving, not done in printing establishments."

Greeting cards (except hand-painted).—New industry, products of which were included in the industries formerly designated as "Engraving, steel, copperplate, and wood, and plate printing," "Lithographing," and "Printing and publishing, book, music, and job."

Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers).—New industry, products of which were classified in the industry formerly designated as "Lithographing," with the exception of the lithographing of books and pamphlets for publishers and of greeting cards, which have been transferred to the "Books: printing without publishing" and "Greeting cards (except hand-painted)" industries, respectively.

(1) Newspapers: publishing and printing; (2) newspapers: publishing without printing; (3) periodicals: publishing and printing; and (4) periodicals: publishing without printing.—Formerly one industry, designated as "Printing and publishing, newspaper and periodical."

Photoengraving, not done in printing establishments (including preparation of plates).—Formerly designated as "Photoengraving, not done in printing establishments." Establishments which were classified in this industry as formerly constituted and which are engaged primarily in the manufacture of products covered by the new industry classifications "Books: printing without publishing" and "Gravure, rotagravure, and rotary photogravure (including preparation of plates)," have been transferred to these latter industries.

Group 9.—CHEMICALS AND ALLIED PRODUCTS

Ammunition.—Title changed from "Ammunition and related products." Establishments primarily engaged in the manufacture of blasting and detonating caps, formerly classified in this industry, have been transferred to the "Explosives" industry.

Baking powder, yeast, and other leavening compounds.—Transferred to industry Group 1.—Food and Kindred Products.

(1) Chemicals not elsewhere classified; (2) coal-tar products, crude and intermediate; and (3) plastic materials.—Formerly one industry, "Chemicals not elsewhere classified." Aluminum metal production, previously classified in the industry "Chemicals not elsewhere classified" has been transferred to the new industry "Primary smelting and refining of nonferrous metals," Group 15.—Nonferrous Metals and Their Products.

Cleaning and polishing preparations, blackings, and dressings.—New industry made up of the former industries "Cleaning and polishing preparations" and "Blacking, stains, and dressings."

(1) Colors and pigments; and (2) paints, varnishes, and lacquers.—Formerly one industry, "Paints, pigments, and varnishes."

Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants.—Formerly entitled "Compressed and liquefied gases."

Cottonseed oil, cake, meal, and linters.—Title changed from "Oil, cake, and meal, cottonseed."

Drugs and medicines (including drug grinding).—Formerly two industries "Drugs and medicines" and "Drug grinding."

Essential oils.—Title changed from "Oils, essential."

Explosives.—Revised to include establishments primarily engaged in the manufacture of blasting and detonating caps, formerly classified in the "Ammunition" industry, and of safety fuses, formerly classified in the "Fireworks" industry.

Fireworks.—Title changed from "Fireworks and allied products." Manufacturers of safety fuses, formerly classified in this industry, have been transferred to the "Explosives" industry.

(1) Fish and other marine oils, cake, and meal; (2) soybean oil, cake, and meal; and (3) vegetable and animal oils, not elsewhere classified.—Formerly one industry under the title "Oils not elsewhere classified."

Grease and tallow (except lubricating greases).—Title changed from "Grease and tallow, not including lubricating greases."

Gum naval stores (processing but not gathering or warehousing).—Title changed from "Turpentine and rosin," and industry transferred from Group 6.—Furniture and Finished Lumber Products.

(1) Hardwood distillation and charcoal manufacture; and (2) wood naval stores.—New industries, comprising establishments formerly classified in the abandoned industry "Wood distillation and charcoal manufacture."

Insecticides, fungicides, and related industrial and household chemical compounds.—Title changed from "Insecticides and fungicides, and industrial and household chemical compounds, not elsewhere classified." Products of the abandoned industry "Foundry supplies" have been transferred to this industry.

Linseed oil, cake, and meal.—Title changed from "Oil, cake, and meal, linseed."

Lubricating oils and greases—not made in petroleum refineries.—Industry transferred from Group 10.—Products of Petroleum and Coal.

Printing ink.—Title changed from "Ink, printing."

Soap and glycerin.—Title changed from "Soap."

Tanning materials, natural dyestuffs, mordants, assistants, and sizes.—Title changed from "Tanning materials, natural dyestuffs, mordants and assistants, and sizes."

Writing ink.—Title changed from "Ink, writing."

Group 10.—PRODUCTS OF PETROLEUM AND COAL

(1) Beehive coke; and (2) oven coke and coke-oven by-products.—Formerly one industry, "Coke-oven products."

Lubricating oils and greases, not made in petroleum refineries.—Industry transferred to Group 9.—Chemicals and Allied Products.

(1) Paving blocks and paving mixtures; asphalt, creosoted wood, and composition; and (2) roofing, built-up and roll; asphalt shingles; roof coating (except paint).—Titles changed from "Paving materials: blocks (except brick and stone) and mixtures" and "Roofing, built-up and roll; asphalt shingles; roof coatings other than paint," and industries transferred from the "Miscellaneous industries" group.

Group 11.—RUBBER PRODUCTS

(1) Reclaimed rubber; and (2) rubber products not elsewhere classified.—Formerly one industry designated as "Rubber goods other than tires, inner tubes, and boots and shoes."

Rubber boots and shoes (including rubber-soled footwear with fabric uppers).—Title changed from "Boots and shoes, rubber."

Tires and inner tubes.—Title changed from "Rubber tires and inner tubes."

Group 12.—LEATHER AND LEATHER PRODUCTS

Footwear (except rubber).—Title changed from "Boots and shoes, other than rubber."

Industrial leather belting and packing leather.—Title changed from "Belting and packing, leather."

Leather gloves and mittens.—Title changed from "Gloves and mittens, leather."

Leather goods not elsewhere classified.—Establishments primarily engaged in the manufacture of leather belts (apparel), formerly classified in this industry, have been transferred to the new industry classification "Belts (apparel), regardless of material" in Group 4.—Apparel and Other Finished Products Made From Fabrics and Similar Materials.

Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors.—Title changed from "Leather: tanned, curried, and finished—regular factories."

Small leather goods.—Title changed from "Leather goods—small articles."

Suitcases, brief cases, bags, trunks, and other luggage.—Title changed from "Trunks, suitcases, brief cases, bags, and other luggage."

Women's pocketbooks, handbags, and purses.—Title changed from "Handbags and purses, women's."

Group 13.—STONE, CLAY, AND GLASS PRODUCTS

Asbestos products (except steam packing and pipe and boiler covering).—Title changed from "Asbestos products other than steam packing and pipe and boiler covering."

(1) Brick and hollow structural tile; (2) clay products (except pottery) not elsewhere classified; (3) clay refractories, including refractory cement (clay); (4) floor and wall tile (except quarry tile); (5) roofing tile; (6) sewer pipe and kindred products; and (7) terra cotta.—Formerly one industry, "Clay products, other than pottery."

China firing and decorating (for the trade).—Title changed from "China firing and decorating, not done in potteries."

(1) Flat glass; (2) glass containers; and (3) tableware, pressed or blown glass, and glassware not elsewhere classified.—Formerly one industry, "Glass."

(1) Hotel china; (2) porcelain electrical supplies; (3) pottery products not elsewhere classified; (4) vitreous-china plumbing fixtures; and (5) whiteware.—Formerly one industry, "Pottery, including porcelain ware."

(1) Mineral wool; and (2) wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition.—Formerly one industry, "Wallboard and plaster (except gypsum), building insulation, and floor composition."

Monuments, tombstones, cut-stone, and stone products not elsewhere classified.—Title changed from "Marble, granite, slate, and other stone, cut and shaped."

Natural graphite, ground and refined.—Title changed from "Graphite, ground and refined."

Sand-lime brick, block and tile.—Title changed from "Sand-lime brick."

Statuary and art goods (except stone and concrete)—factory production.—Title changed from "Statuary and art goods (except concrete), factory production."

Steam and other packing; pipe and boiler covering.—Title changed from "Steam and other packing, pipe and boiler covering, and gaskets, not elsewhere classified," and industry transferred from the "Miscellaneous industries" group.

Group 14.—IRON AND STEEL AND THEIR PRODUCTS, EXCEPT MACHINERY

(1) Automobile stampings; (2) enameling, japanning, and lacquering; (3) stamped and pressed metal products (except automobile stampings); and (4) vitreous enameled products, including kitchen, household, and hospital utensils.—Formerly one industry, "Stamped and pressed metal products; enameling, japanning, and lacquering."

Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills.—New industry, products of which were formerly classified as products of the abandoned industry "Machine-shop products." (See Group 17.)

Cutlery (except aluminum, silver, and plated cutlery) and edge tools.—Title changed from "Cutlery (not including silver and plated cutlery) and edge tools."

Doors, window sash, frames, molding, and trim (made of metal).—Title changed from "Doors, shutters, and window sash and frames, molding, and trim, metal."

Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware).—Title changed from "Plumbers' supplies, not including pipe or vitreous-china sanitary ware."

Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills.—Title changed from "Structural and ornamental metal work, made in plants not operated in connection with rolling mills."

Forgings, iron and steel—made in plants not operated in connection with rolling mills.—Title changed from "Forgings, iron and steel, made in plants not operated in connection with steel works or rolling mills."

Galvanizing and other coating—carried on in plants not operated in connection with rolling mills.—Title changed from "Galvanizing and other coating, done in plants not operated in connection with rolling mills."

(1) Gray-iron and semisteel castings; and (2) malleable-iron castings.—Formerly one industry, "Foundry products (gray-iron and malleable-iron)."

(1) Heating and cooking apparatus, except electric, not elsewhere classified; (2) oil burners, domestic and industrial; (3) steam and hot-water heating apparatus (including hot-water furnaces); (4) steam fittings, regardless of material; and (5) stoves, ranges, water heaters, and hot-air furnaces (except electric).—Formerly one industry, "Heating and cooking apparatus, except electric."

Power boilers and associated products.—Title changed from "Boiler-shop products."

Springs, steel (except wire)—made in plants not operated in connection with rolling mills.—Title changed from "Springs, steel, except wire, made in plants not operated in connection with rolling mills."

(1) Steel castings; and (2) steel works and rolling mills.—Formerly one industry, "Steel-works and rolling-mill products." Tin plate and terneplate manufacture is classified in the "Steel works and rolling mills" industry.

Tools (except edge tools, machine tools, files, and saws).—Title changed from "Tools, not including edge tools, machine tools, files, and saws."

Group 15.—NONFERROUS METALS AND THEIR PRODUCTS

(1) Alloying; and rolling and drawing of nonferrous metals, except aluminum; (2) nonferrous-metal foundries (except aluminum); and (3) nonferrous-metal products not elsewhere classified. Formerly one industry, "Nonferrous-metal alloys; nonferrous-metal products, except aluminum, not elsewhere classified."

(1) Aluminum products (including rolling and drawing and extruding), not elsewhere classified; and (2) aluminum ware, kitchen, hospital, and household (except electrical appliances).—Formerly one industry, "Aluminum products."

Clocks, watches, and materials and parts (except watchcases).—Title changed from "Clocks, watches, time-recording devices, and materials and parts except watchcases."

Electroplating, plating, and polishing.—Title changed from "Electroplating."

Engraving on metal (except for printing purposes).—Title changed from "Engraving (other than steel, copperplate, or wood), chasing, etching, and diesinking," and industry transferred from Group 8.—Printing, Publishing, and Allied Industries.

Fire extinguishers, chemical.—Transferred to Group 20.—Miscellaneous Industries group.

Gold and silver leaf and foil.—Title changed from "Gold leaf and foil."

Jewelry (precious metals).—Title changed from "Jewelry." Establishments primarily engaged in the manufacture of costume jewelry, formerly classified in this industry, have been transferred to the "Costume jewelry and costume novelties (jewelry other than fine jewelry)" industry, Group 20.

Lapidary work.—Transferred from the "Miscellaneous industries" group.

Lighting fixtures.—Title changed from "Lighting equipment."

Needles, pins, hooks and eyes, and slide and snap fasteners.—Transferred to Group 20.—Miscellaneous Industries.

Primary smelting and refining of nonferrous metals.—New industry, products of which were formerly classified in the industries "Chemicals not elsewhere classified," "Smelting and refining, copper," "Smelting and refining, lead," and "Smelting and refining, zinc."

Secondary smelting and refining, gold, silver, and platinum.—Title changed from "Gold, silver, and platinum, refining and alloying."

Secondary smelting and refining of nonferrous metals, not elsewhere classified.—Title changed from "Smelting and refining, nonferrous metals other than gold, silver, and platinum, not from the ore."

Tin and other foils (except gold and silver foil).—Title changed from "Tin and other foils, not including gold foil."

Group 16.—ELECTRICAL MACHINERY

[New group, industries of which were formerly classified in the abandoned industry group "Machinery, not including transportation equipment." See also Group 17.—Machinery (except electrical)]

(1) Automotive electrical equipment; (2) batteries, storage and primary (dry and wet); (3) carbon products for the electrical industry, and manufactures of carbon or artificial graphite; (4) communication equipment; (5) electric lamps; (6) electrical appliances; (7) electrical measuring instruments; (8) electrical products not elsewhere classified; (9) generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified; (10) insulated wire and cable; (11) wiring devices and supplies; and (12) X-ray and therapeutic apparatus and electronic tubes.—New industry classifications, products of which were formerly classified in the abandoned industry "Electrical machinery, apparatus, and supplies."

Group 17.—MACHINERY (EXCEPT ELECTRICAL)

[New group, industries of which were formerly classified in the abandoned industry group "Machinery, not including transportation equipment." See also Group 16.—Electrical machinery]

(1) Agricultural machinery (except tractors); and (2) tractors.—Formerly one industry, "Agricultural implements (including tractors)." Establishments primarily engaged in the manufacture of windmills and windmill towers, previously classified in the industry formerly designated as "Engines, turbines, water wheels, and windmills," and of lawn mowers, formerly classified in the abandoned industry "Machinery not elsewhere classified," have been transferred to the "Agricultural machinery (except tractors)" industry.

(1) Blowers: exhaust and ventilating fans; (2) cars and trucks, industrial; (3) commercial laundry, dry-cleaning, and pressing machinery; (4) elevators, escalators, and conveyors; (5) food-products machinery; (6) industrial machinery, not elsewhere classified; (7) mining machinery and equipment; (8) oil-field machinery and tools; (9) paper-mill, pulp-mill, and paper-products machinery; (10) special-industry machinery, not elsewhere classified; (11) stokers, mechanical, domestic and industrial; (12) vending, amusement, and other coin-operated machines; and (13) woodworking machinery.—Formerly one industry, "Machinery not elsewhere classified."

Construction and similar machinery (except mining and oil-field machinery and tools).—Title changed from "Cranes and dredging, excavating, and road-building machinery." Establishments primarily engaged in the manufacture of concrete mixers and dredges, formerly classified in the abandoned industry "Machinery not elsewhere classified," have been transferred to this industry.

(1) Internal-combustion engines; and (2) steam engines, turbines, and water wheels.—Formerly one industry, "Engines, turbines, water wheels, and windmills." Establishments primarily engaged in the manufacture of aircraft engines and of windmills and windmill towers, formerly classified in the abandoned industry "Engines, turbines, water wheels, and windmills," have been transferred to the "Aircraft and parts, including aircraft engines" industry and the "Agricultural machinery (except tractors)" industry.

Laundry equipment, domestic.—Title changed from "Washing machines, wringers, driers, and ironing machines, for household use."

(1) Machine-shop products, not elsewhere classified; and (2) machine-shop repairs.—Formerly one industry, "Machine-shop products." (See also the "Mechanical power-transmission equipment" industry.) The manufacture of flat bright cold-rolled strip steel, cold-rolled sheets, and cold-finished steel bars, formerly classified in the abandoned industry "Machine-shop products," has been transferred to the new industry classification "Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills." Gages, formerly classified as products of the abandoned industry "Machine-shop products," have been assigned as products of the "Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)" industry.

Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools.—Title changed from "Machine-tool accessories and machinists' precision tools."

Machine tools.—Industry revised to exclude establishments primarily engaged in the manufacture of metalworking machinery (other than machine tools), which have been transferred to the new industry classification "Metalworking machinery and equipment, not elsewhere classified."

(1) Measuring and dispensing pumps; and (2) pumping equipment and air compressors.—Formerly one industry, "Pumps (hand and power), pumping equipment, and air compressors."

Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks).—New industry classification, products of which were classified in the former industries "Cash registers, adding and calculating machines, and other business machines except typewriters," "Machinery not elsewhere classified," "Machine-shop products," and "Instruments and apparatus, professional, scientific, commercial, and industrial."

Mechanical power-transmission equipment.—New industry, products of which were formerly classified in the abandoned industries "Machinery not elsewhere classified" and "Machine-shop products."

Metalworking machinery and equipment, not elsewhere classified.—New industry, products of which were previously classified in the former industries "Machine tools" and "Machinery not elsewhere classified."

Office and store machines not elsewhere classified.—New industry, products of which were formerly classified in the abandoned industries "Typewriters and parts," "Cash registers, adding and calculating machines, and other business machines except typewriters," and "Machinery not elsewhere classified."

Printing-trades machinery and equipment.—Title changed from "Printers' machinery and equipment."

Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units.—Title changed from "Refrigerators and refrigerating and ice-making apparatus."

Sewing machines, domestic and industrial.—Title changed from "Sewing machines and attachments."

Textile machinery.—Title changed from "Textile machinery and parts."

Group 18.—AUTOMOBILES AND AUTOMOBILE EQUIPMENT

[New group, industries of which were formerly classified in the abandoned industry group "Transportation equipment, air, land, and water." See also Group 19.—Transportation equipment except automobiles]

Automobile trailers (for attachment to passenger cars).—New industry, products of which were formerly classified in the abandoned industry "Motor-vehicle bodies and motor-vehicle parts."

Motor vehicles, motor-vehicle bodies, parts and accessories.—New industry, products of which were formerly classified in the abandoned industries "Motor vehicles, not including motorcycles" and "Motor-vehicle bodies and motor-vehicle parts."

Group 19.—TRANSPORTATION EQUIPMENT EXCEPT AUTOMOBILES

[New group, industries of which were formerly classified in the abandoned industry group "Transportation equipment, air, land, and water." See also Group 18.—Automobiles and automobile equipment]

Aircraft and parts, including aircraft engines.—Title changed from "Aircraft and parts." Establishments primarily engaged in the manufacture of aircraft engines, formerly classified in the abandoned "Engines, turbines, water wheels, and windmills" industry have been transferred to this industry.

(1) Boat building and boat repairing; and (2) shipbuilding and ship repairing.—Formerly one industry, "Ship and boat building, steel and wooden, including repair work."

Cars, and car equipment—railroad, street, and rapid-transit.—Title changed from "Cars, electric and steam railroad, not built in railroad repair shops."

Locomotives (including frames) and parts: railroad, mining, and industrial.—Title changed from "Locomotives, railroad, mining, and industrial, not built in railroad repair shops."

Transportation equipment not elsewhere classified.—Formerly entitled "Carriages, wagons, sleighs, and sleds."

Group 20.—MISCELLANEOUS INDUSTRIES

Beauty-shop and barber-shop equipment.—Title changed from "Beauty-shop equipment, except furniture."

Brushes.—Title changed from "Brushes, other than rubber."

Children's vehicles.—Title changed from "Carriages and sleds, children's."

Cigarettes.—Transferred to Group 2.—Tobacco manufactures.

Cigars.—Transferred to Group 2.—Tobacco manufactures.

Costume jewelry and costume novelties (jewelry other than fine jewelry).—New industry, products of which were previously classified in the industries formerly designated as "Miscellaneous articles not elsewhere classified" and "Jewelry."

Dental equipment and supplies.—Title changed from "Dentists' equipment and supplies."

(1) Dolls (except rubber); and (2) games and toys (except dolls and children's vehicles).—Formerly one industry, "Toys (not including children's wheel goods or sleds), games, and playground equipment."

Fabricated plastic products, not elsewhere classified.—New industry, products of which were classified in the former industry "Synthetic-resin, cellulose-plastic, vulcanized-fiber, and molded and pressed pulp fabricated articles, not elsewhere classified."

Feathers, plumes, and artificial flowers.—New industry, comprising establishments formerly classified in the abandoned industries "Artificial and preserved flowers and plants" and "Feathers, plumes, and manufactures thereof."

Fire extinguishers, chemical.—Transferred from Group 15.—Nonferrous Metals and Their Products.

Fur goods—contract factories; and fur goods—regular factories.—Combined as one industry, "Fur coats and other fur garments, accessories, and trimmings," and transferred to Group 4.—Apparel and Other Finished Products Made From Fabrics and Similar Materials.

Hand stamps, stencils, and brands.—Title changed from "Hand stamps and stencils and brands."

Jewelry cases and instrument cases.—Title changed from "Jewelry and instrument cases."

Lamp shades.—New industry, products of which were classified in the former industry "Miscellaneous articles not elsewhere classified."

Lapidary work.—Transferred to Group 15.—Nonferrous Metals and Their Products.

Mattresses and bedsprings.—Transferred to Group 6.—Furniture and Finished Lumber Products.

Miscellaneous fabricated products not elsewhere classified.—New industry classification, products of which were formerly classified in the abandoned industries "Theatrical scenery and stage equipment" and "Miscellaneous articles not elsewhere classified."

Models and patterns (except paper patterns).—Title changed from "Models and patterns, not including paper patterns."

Musical instruments, parts, and materials not elsewhere classified.—Title changed from "Musical instruments and parts and materials, not elsewhere classified."

Needles, pins, hooks and eyes, and slide and snap fasteners.—Transferred from Group 15.—Nonferrous Metals and Their Products.

(1) Ophthalmic goods: lenses and fittings; and (2) optical instruments and lenses.—Formerly one industry, "Optical goods."

Pencils (except mechanical) and crayons.—Title changed from "Pencils, lead (including mechanical) and crayons." Mechanical pencils, formerly classified in this industry, have been transferred to the new industry designated as "Pens, mechanical pencils, and pen points."

Pens, mechanical pencils, and pen points.—New industry, products of which were classified in the former industries "Pens, fountain and stylographic; pen points, gold, steel, and brass" and "Pencils, lead (including mechanical) and crayons."

Photographic apparatus and materials and projection equipment (except lenses).—Title changed from "Photographic apparatus and materials and projection apparatus."

Piano and organ parts and materials.—Title changed from "Piano and organ materials."

(1) Professional and scientific instruments (except surgical and dental); and (2) surgical and medical instruments.—Formerly one industry, "Instruments and apparatus, professional, scientific, commercial, and industrial."

Roofing, built-up and roll; asphalt shingles; roof coatings other than paint.—Title changed to "Roofing, built-up and roll; asphalt shingles; roof coating (except paint)," and industry transferred to Group 10.—Products of Petroleum and Coal.

Signs, advertising displays, and advertising novelties.—Title changed from "Signs and advertising novelties."

Soda fountains, beer dispensing equipment, and related products.—Title changed from "Soda fountains and related products."

Sporting and athletic goods not elsewhere classified.—New industry, products of which were formerly classified in the abandoned industries "Billiard and pool tables, bowling alleys, and accessories" and "Sporting and athletic goods, not including firearms or ammunition."

Steam and other packing, pipe and boiler covering, and gaskets, not elsewhere classified.—Title changed to "Steam and other packing, pipe and boiler covering," and industry transferred to Group 13.—Stone, Clay, and Glass Products.

Surgical supplies and equipment not elsewhere classified; orthopedic appliances.—Title changed from "Surgical and orthopedic appliances and related products."

Tobacco (chewing and smoking) and snuff.—Transferred to Group 2.—Tobacco Manufactures.

Tobacco pipes and cigarette holders.—Title changed from "Pipes (tobacco)."

Window shades (textile and paper) and fixtures.—Title changed to "Window shades," and industry transferred to Group 6.—Furniture and Finished Lumber Products.

GENERAL SUMMARY

Introduction.—The Census of Manufactures dates back to 1810, when, on the recommendation of the Secretary of the Treasury, Congress amended the census act to authorize a canvass of manufactures and to provide funds for it. The United States became thereby the first Nation to establish a census of industry. The census of 1810, taken by the United States marshals without the use of formal schedules, covered imperfectly the industrial activities of the country at that time. The chief value of the statistics lies in the analysis of them by Tench Coxe, who was appointed by the Secretary of the Treasury to tabulate and interpret the returns.

The annual report of the Treasury Department for 1855 gives manufactures statistics or estimates for the four decennial census years from 1810 to 1840. According to this report, the value of products for 1810, based upon the incomplete census returns, Coxe's estimates, and Treasury revisions, was $145,000,000.

Although the census of 1820 was so imperfectly taken that Congress refused to authorize the publication of the figures, the Treasury Department, in the document referred to above, reported $53,000,000 as the value of products for that year, unquestionably a gross understatement of the actual value of industrial production.

The Census of Manufactures was omitted entirely in 1830, but on the basis of returns made from 10 States in compliance with a congressional resolution of 1832, the Treasury estimated the value of products for 1830 at $113,000,000.

The report of the census of 1840, the most accurate and comprehensive canvass of industry up to that time, gave $483,000,000 as the value of manufactured products. Although in prior years there had been a beginning of production by the factory method, particularly of textiles and iron, it was not until about this time that the factory method began to be extended rapidly to other products which entered into competition in the market with hand-made goods.

Until about the middle of the nineteenth century, however, the bulk of general manufacturing was done in the neighborhood shop and in the household rather than in the factory. The census for 1849 is, therefore, the starting point for properly comparable statistics of manufactures, although not until the census for 1899 was there any satisfactory line of demarcation between the shop or household and the factory. Comparative statistics for the censuses for 1849 and subsequent years are given in table 2, page 19.

The impetus given by the factory system to the improvement of mechanical equipment is indicated by the increase in the number of patents issued, from an average of 350 per annum during the period 1801–50 to a yearly average of more than 5,000 for the period 1851–70.

Not until the decade 1859–69 did it become apparent that the complete supply of most staple commodities for the home market was within the capacity of domestic production. Manufacturing began about this time to be carried on in larger plants, and as a result the census for 1879 showed considerable increases both in wage earners and in value of output, but recorded a gain of less than 1 percent in the number of industrial establishments.

By the close of the decade 1879–89 the value of manufactures exceeded that of agricultural products. By this time, the full effect of machine manufacture was beginning to be felt, and capital and markets were expanding rapidly. The decade from 1889 to 1899, while showing a smaller percentage of increase in value of products than any prior decade for which comparable statistics were available, was important as marking the entrance of the United States into international trade in manufactures and the development of the corporate form of organization.

The Census of Manufactures was taken quinquennially from 1899 to 1919, and biennially from 1921 to 1939.

The statistical tables in this report present the results of the 1939 census, with comparative figures for earlier years. It will be found that in some cases the figures for the years prior to 1937 are not identical with those previously published. The differences are due to changes made as a result of the changes outlined in section 9 of the General Explanations.

Manufacturing establishments with products valued at $2,000 or more in Alaska, Hawaii, and Puerto Rico were canvassed for the 1939 census with simplified questionnaires, and the results are summarized in table 1 of this chapter. More detailed statistics on manufacturing in Alaska, Hawaii, and Puerto Rico follow the reports for States.

Statistics for the industrial areas, which were established at the 1929 census, have been included in the reports for all subsequent censuses and are presented in three tables in volume I. These tables rank the areas according to wage earners employed and also give the rank according to cost of materials, value of products,

and value added by manufacture, which differ in many cases from the rank by number of wage earners.

Summary statistics are given also in volume I for all counties in the continental United States in which 2,500 or more manufacturing wage earners were employed, the counties being ranked according to wage earners. Another table gives summary figures for each county in which 10,000 or more manufacturing wage earners were employed and for the most important county in each State in which no county reported as many as 10,000 manufacturing wage earners.

Manufacturing production as measured by physical volume.—The Census of Manufactures constitutes the most complete single source of data on manufacturing production, and analysts frequently have employed figures from this census on total value of products or the total value added by manufacture to measure changes in industrial production. The validity of either of these measures for this purpose is questionable because they reflect price changes as well as increases or decreases in the physical volume of commodity output. Although the number of wage earners serves as one indicator of changes in manufacturing activity, it should only be used in conjunction with other measures because it ignores differences in number of hours worked, degree of mechanization of the industry, and differences in the value of different individuals' work.

A more accurate measure of total manufacturing production can be derived from statistics of physical quantities of commodities produced. An index based on physical quantities must be weighted to take account of the different degrees of fabrication which have been performed on the commodities included in the index. The assignment of this relative economic importance to various commodities has been carried out by weighting commodities in an industry by the increment to the values of those goods made by the industry in which those goods are classified—that is, the industry's value added by manufacture.

A study of the physical volume of manufacturing output as disclosed by census figures was made for the Bureau of the Census by Edmund E. Day and Woodlief Thomas. Their conclusions, based largely on a production index number of their construction covering the years 1899 to 1925, were published in 1928 under the title "The Growth of Manufactures," as one of a series of Census monographs.

The Day-Thomas index of physical volume of manufactured products was extended subsequently for each biennial census year through 1937, and published in the Census of Manufactures volumes. However, over this period of time the index was becoming inadequate in its coverage of manufacturing production. The technical methods of its construction made difficult the inclusion of new industries as they arose in the economy. The omission of new industries resulted in an index which understated the increase in physical output. Thus, it became increasingly evident that a revision of the index was imperative.

In 1940 a new index of the physical output of manufacturing production was computed by Solomon Fabricant for the National Bureau of Economic Research. This index takes account of new industries in the economy, the increased coverage of statistics of physical output collected by the Bureau of the Census for old industries, and changes in the Census industrial classifications. Although the direction of movement between census years is usually the same for the two indexes, the National Bureau index shows a much greater rate of growth of manufacturing production over a long period of time than does the Census index.

The National Bureau of Economic Research index for all manufacturing industries combined is reproduced in table 3 of this volume, together with indexes of population growth, wage earners, and production per wage earner. Production indexes for individual industries and groups of industries from 1899 to 1937, as well as a description of the methods of construction of these indexes, may be found in Dr. Fabricant's volume "The Output of Manufacturing Industries, 1899–1937" (National Bureau of Economic Research, 1940).

The population index is based upon the estimates by the Bureau of the Census of the population of the continental United States as of July 1 of each biennial manufactures census year.

The wage earner index is computed by dividing the number of wage earners (average for the year) employed in manufacturing establishments in 1899 into the average number for each census year and multiplying the quotient by 100. The number of wage earners in 1899 was adjusted to eliminate those employed in establishments whose value of products was under $5,000. An approximate adjustment was made in the number of wage earners reported in the 1939 census to attain better comparability with the wage earner figures for previous censuses. The adjustment was made necessary by the change in the method of reporting wage earners.

The figures for "Production per wage earner" are determined by dividing the index of physical output for each census year by the wage earner index for that year.

TABLE 1.—COMBINED SUMMARY FOR CONTINENTAL UNITED STATES, ALASKA, HAWAII, AND PUERTO RICO: 1939

ITEM	Aggregate	Continental United States	OUTLYING AREAS			
			Total	Alaska	Hawaii	Puerto Rico
Number of establishments	185,732	184,230	[1] 1,502	[1] 230	[1] 474	[1] 798
Persons engaged	9,110,525	9,058,829	51,696	5,467	19,518	26,711
Proprietors and firm members	125,079	123,655	1,424	151	320	953
Salaried officers and employees [2]	1,053,577	1,048,607	4,970	500	2,196	2,274
Wage earners (average for year)	7,931,869	7,886,567	45,302	4,816	17,002	23,484
Salaries and wages	$11,666,325,260	$11,630,298,286	$36,026,974	$8,032,271	$15,319,005	$12,675,698
Salaries of officers and employees	2,548,821,794	2,540,357,370	8,464,424	1,148,283	3,860,694	3,455,447
Wages	9,117,503,466	9,089,940,916	27,562,550	6,883,988	11,458,311	9,220,251
Cost of materials, fuel, and electric energy	32,332,955,886	32,160,106,681	172,849,205	20,916,757	75,651,675	76,280,773
Value of products	57,127,345,141	56,843,024,800	284,320,341	38,815,436	134,005,264	111,499,641
Value added by manufacture	24,794,389,255	24,682,918,119	111,471,136	17,898,679	58,353,589	35,218,868

[1] Establishments that made products to the value of $2,000 or more. [2] Not including employees of central-administrative offices.

TABLE 2.—SUMMARY FOR ALL MANUFACTURING INDUSTRIES, FOR CONTINENTAL UNITED STATES: 1849 TO 1939

	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, supplies, fuel, and purchased energy [1]	Value of products [1]	Value added by manufacture [2]
FACTORIES AND HAND AND NEIGHBORHOOD INDUSTRIES						
1849 [3]	123,025	957,059	$236,755,464	$555,123,882	$1,019,106,616	$463,982,734
1859 [3]	140,433	1,311,246	$378,878,966	$1,031,605,092	$1,885,861,676	$854,256,584
Percent of increase, 1849 to 1859	14.1	37.0	60.0	85.8	85.1	84.1
1869 [3]	252,148	2,053,996	[4] $620,467,474	[4] $1,990,741,794	[4] $3,385,860,354	[4] $1,395,118,560
Percent of increase, 1859 to 1869	79.6	56.6	63.8	93.0	79.5	63.3
1879 [3]	253,852	2,732,595	$947,953,795	$3,396,823,549	$5,369,579,191	$1,972,755,642
Percent of increase, 1869 to 1879	0.7	33.0	52.8	70.6	58.6	41.4
1889 [3]	355,405	4,251,535	$1,891,219,696	$5,162,013,878	$9,372,378,843	$4,210,364,965
Percent of increase, 1879 to 1889	40.0	55.6	99.5	52.0	74.5	113.4
FACTORIES, EXCLUDING HAND AND NEIGHBORHOOD INDUSTRIES [5]						
1899 [3]	204,750	4,501,919	$1,892,573,748	$6,385,969,992	$11,032,950,872	$4,646,980,880
Percent of increase or decrease (−), 1889 to 1899	−42.4	5.9	0.1	23.7	17.7	10.4
1904 [3]	213,444	5,181,660	$2,440,851,241	$8,233,790,346	$14,252,961,195	$6,019,170,849
Percent of increase, 1899 to 1904	4.2	15.1	29.0	28.9	29.2	29.5
1909 [3]	264,826	6,262,242	$3,205,547,695	$11,783,160,069	$19,945,249,356	$8,162,089,287
Percent of increase, 1904 to 1909	24.1	20.9	31.3	43.1	39.9	35.6
1914 [6] [7]	173,575	6,475,567	$3,709,448,888	$13,811,422,399	$23,049,632,203	$9,238,209,804
Percent of increase or decrease (−), 1909 to 1914	−34.5	3.4	15.7	17.2	15.6	13.2
1919 [6] [7]	210,268	8,423,964	$9,611,001,702	$36,229,015,070	$59,964,026,770	$23,735,011,700
Percent of increase, 1914 to 1919	21.1	30.1	159.1	162.3	160.2	156.9
1921 [6]	192,059	6,475,474	$7,451,299,132	$24,397,078,171	$41,649,852,884	$17,252,774,713
Percent of decrease (−), 1919 to 1921	−8.7	−23.1	−22.5	−32.7	−30.5	−27.3
1923 [6]	192,096	8,194,170	$10,148,623,869	$33,611,809,366	$58,181,296,391	$24,569,487,025
Percent of increase, 1921 to 1923	(8)	26.5	36.2	37.8	39.7	42.4
1925 [6]	183,877	7,871,409	$9,979,649,153	$35,141,601,111	$60,809,224,803	$25,667,623,692
Percent of increase or decrease (−), 1923 to 1925	−4.3	−3.9	−1.7	4.6	4.5	4.5
1927 [6]	187,629	7,848,070	$10,099,465,140	$34,010,074,864	$60,335,468,901	$26,325,394,037
Percent of increase or decrease (−), 1925 to 1927	2.0	−0.3	1.2	−3.2	−0.8	2.6
1929 [6]	206,663	8,369,705	$10,884,919,296	$37,402,605,796	$67,994,040,824	$30,591,435,028
Percent of increase, 1927 to 1929	10.1	6.6	7.8	10.0	12.7	16.2
1931 [6]	171,450	6,163,144	$6,688,541,286	$21,229,356,201	$39,829,887,896	$18,600,531,695
Percent of decrease (−), 1929 to 1931	−17.0	−26.4	−38.6	−43.2	−41.4	−39.2
1933 [6]	139,325	5,787,611	$4,940,146,002	$16,549,788,096	$30,557,328,149	$14,007,540,053
Percent of decrease (−), 1931 to 1933	−18.7	−6.1	−26.1	−22.0	−23.3	−24.7
1935 [6]	167,916	7,203,794	$7,311,329,029	[9] $26,441,145,271	$44,993,698,573	[9] $18,552,553,302
Percent of increase, 1933 to 1935	20.5	24.5	48.0	59.8	47.2	32.4
1937 [6]	166,794	8,569,231	$10,112,882,711	[9] $35,539,332,824	$60,712,871,737	[10] $25,173,538,913
Percent of increase or decrease (−), 1935 to 1937	−0.7	19.0	38.3	34.4	34.9	35.7
1939 [6]	184,230	7,886,567	$9,089,940,916	[9] $32,160,106,681	$56,843,024,800	[9] $24,682,918,119
Percent of increase or decrease (−), 1937 to 1939	10.5	−8.0	−10.1	−9.5	−6.4	−1.9

[1] See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.
[2] Value of products less cost of materials, supplies, fuel, and purchased energy. See GENERAL EXPLANATIONS—Value added by manufacture.
[3] For all establishments having products valued at $500 or more. See GENERAL EXPLANATIONS—Establishments covered—minimum size limit.
[4] Reduced to gold basis.
[5] The figures for 1899 to 1929, inclusive, have been revised by the deduction of the data for railroad repair shops (both steam and electric), for the industries "Coffee and spice, roasting and grinding," "Flax and hemp, dressed," "Gas, manufactured, illuminating and heating," and "Peanuts, walnuts, and other nuts, processed or shelled," and also for "Motion pictures, not including projection in theaters," where the figures had not been previously deducted. The figures for 1914 and 1919 are not, in all cases, strictly comparable, as not every item was tabulated separately for establishments reporting products valued at less than $5,000 and therefore the information necessary for making such adjustments was not available in all cases.
[6] For all establishments having products valued at $5,000 or more. See GENERAL EXPLANATIONS—Establishments covered—minimum size limit.
[7] The figures for the "Automobile repairing" industry have been deducted from the statistics for 1914 and 1919, the only years for which this industry was canvassed.
[8] Less than one-tenth of 1 percent.
[9] Includes cost of contract work.
[10] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. Not strictly comparable with figures for years prior to 1935.

TABLE 3. INDEXES FOR POPULATION, WAGE EARNERS, AND PRODUCTION: 1899 TO 1939

[For explanation of methods used in computing indexes in this table, see "Manufacturing production as measured by physical volume," of the General Summary, p. 18]

CENSUS YEAR	Population	Wage earners	Production [1] (quantity)	Production per wage earner	CENSUS YEAR	Population	Wage earners	Production [1] (quantity)	Production per wage earner
1899	100	100	100	100	1927	158	178	317	178
1904	110	115	124	108	1929	162	190	364	192
1909	121	139	158	114	1931	166	140	262	187
1914	131	147	186	127	1933	168	131	228	174
1919	140	191	222	116	1935	170	163	301	185
1921	145	147	194	132	1937	[2] 172	194	376	194
1923	149	186	280	151	1939	175	187	373	199
1925	154	178	298	167					

[1] The index of physical output is that computed by Dr. Solomon Fabricant for the National Bureau of Economic Research and is presented here by their permission.
[2] Revised.

TABLE 4.—COMBINED GENERAL STATISTICS FOR ALL MANUFACTURING INDUSTRIES, FOR CONTINENTAL UNITED STATES: 1899 TO 1939

[The figures for the years 1899 to 1929 in this table have been revised by deducting data for railroad repair shops (both steam and electric), for the "Gas manufactured, illuminating and heating," "Coffee and spice, roasting and grinding," "Flax and hemp, dressed," "Grindstones," and "Peanuts, walnuts, and other nuts, processed or shelled" industries, and for "Motion pictures, not including projection in theaters" (where data for these had not previously been subtracted). It was not possible in all cases to obtain strictly comparable figures by this method, as data for establishments reporting less than $5,000 for products were not tabulated for each item for each industry. The figures for 1899 1909 include data for establishments reporting products between $500 and $5,000 in value, those for all other years relate to establishments reporting products valued at $5,000 or more. The figures for 1914 and 1919 are not strictly comparable, as not all items were tabulated by industries for the establishments having products valued at less than $5,000, and thus the data necessary for making adjustments were not available]

YEAR OR PERIOD	Number of establishments	Proprietors and firm members	Salaried officers and employees	Wage earners (average for year)	HORSEPOWER (RATED CAPACITY) OF POWER EQUIPMENT	
					Prime movers	Motors run by purchased energy
1939	184,230	123,655	1,048,607	7,886,567	21,239,195	29,213,085
1937	166,794	99,268	1,217,171	8,569,231	(1)	(1)
1935	167,916	81,521	1,058,501	7,203,794	(2)	(2)
1933	139,325	72,267	[3] 770,314	5,787,611	(1)	(1)
1931	171,450	(4)	(4)	6,163,144	(1)	(1)
1929	206,663	132,686	1,290,037	8,369,705	19,328,309	21,793,762
1927	187,629	132,151	1,223,982	7,848,070	18,901,517	18,224,432
1925	183,877	132,971	1,186,362	7,871,409	19,243,158	15,116,326
1923	192,096	147,958	1,280,488	8,194,170	(1)	(1)
1921	192,059	172,291	1,081,890	6,475,471	(1)	(1)
1919 [5]	210,268	249,881	1,371,888	8,423,964	19,432,157	8,965,406
1914 [5]	173,575	258,560	911,809	6,475,567	17,857,509	3,707,414
1909	264,826	272,426	750,537	6,262,242	16,393,467	1,669,226
1904	213,444	225,115	493,297	5,181,660	12,604,674	427,749
1899	204,750	(6)	348,100	4,501,919	9,633,215	178,176

YEAR OR PERIOD	SALARIES AND WAGES			Cost of materials, supplies, fuel, and purchased electric energy	Value of products	Value added by manufacture
	Total	Salaries	Wages			
1939	$11,630,298,286	$2,540,357,370	$9,089,940,916	$32,160,106,681	$56,843,024,800	$24,682,918,119
1937	12,829,748,927	2,716,866,216	10,112,882,711	35,539,332,824	60,712,871,737	25,173,538,913
1935	9,564,753,906	2,253,424,877	7,311,329,029	26,441,145,271	44,993,698,573	18,552,553,302
1933	6,237,800,399	[3] 1,297,654,397	4,940,146,002	16,549,788,096	30,557,328,149	14,007,540,053
1931	(4)	(4)	6,688,541,286	21,229,356,201	39,829,887,896	18,600,531,695
1929	14,284,282,015	3,399,362,719	10,884,919,296	37,402,605,796	67,994,040,824	30,591,435,028
1927	13,123,134,828	3,023,669,688	10,099,465,140	34,010,074,864	60,335,468,901	26,325,394,037
1925	12,732,193,745	2,752,544,592	9,979,649,153	35,141,601,111	60,809,224,803	25,667,623,692
1923	12,996,459,891	2,847,836,022	10,148,623,869	33,611,809,366	58,181,296,391	24,569,487,025
1921	9,870,198,976	2,418,899,844	7,451,299,132	24,397,078,171	41,649,852,884	17,252,774,713
1919 [5]	12,373,906,800	2,762,905,098	9,611,001,702	36,229,015,070	59,964,026,770	23,735,011,700
1914 [5]	4,931,104,226	1,221,655,338	3,709,448,888	13,811,422,399	23,049,632,203	9,238,209,804
1909	4,106,201,312	900,653,617	3,205,547,695	11,783,160,069	19,945,249,356	8,162,089,287
1904	2,990,924,296	550,073,055	2,440,851,241	8,233,790,346	14,252,961,195	6,019,170,849
1899	2,258,653,748	366,080,000	1,892,573,748	6,385,969,992	11,032,950,872	4,646,980,880

[1] Not called for on schedule.
[2] Figures not available.
[3] Not including data for salaried officers of corporations and their salaries and therefore not strictly comparable with figures for other years.
[4] No data.
[5] The figures for the "Automobile repairing" industry have been deducted from the statistics for 1914 and 1919, the only years for which this industry was canvassed.
[6] No comparable data.

GRAPHIC SUMMARY FOR MANUFACTURING INDUSTRIES: 1914 TO 1939

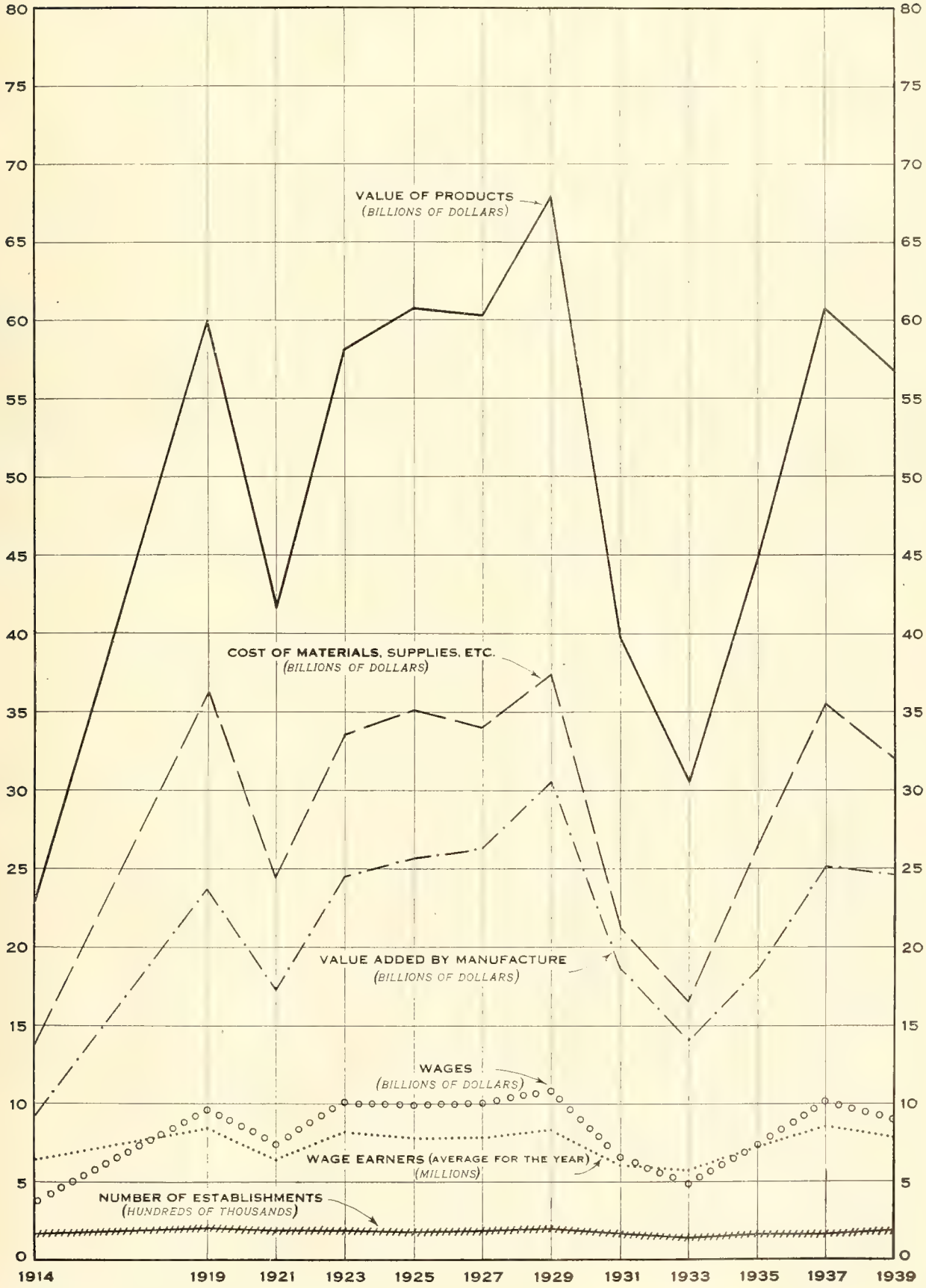

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TABLE 5.—GENERAL STATISTICS IN DETAIL, BY

		INDUSTRY GROUP AND INDUSTRY	Number of establishments	Proprietors and firm members	NUMBER OF PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] [2]							SALARIES AND WAGES		
					Total	Salaried officers of corporations	Manufacturing		Distribution	Construction	Other	Total [4]	Salaried officers of corporations	Manufacturing
							Salaried employees	Wage earners (average for year) [3]						Salaries
1		**All industries, total**	181,230	123,655	9,622,923	139,350	909,257	7,886,567	583,364	70,887	33,498	$12,836,584,293	$756,910,428	$1,783,446,942
		GROUP												
2	1	Food and kindred products	51,448	40,837	1,132,625	20,645	92,528	823,693	173,885	8,626	13,248	1,465,558,100	97,839,198	164,114,322
3	2	Tobacco manufactures	765	604	96,035	412	4,345	87,525	3,101	148	504	86,772,449	2,687,460	8,668,288
4	3	Textile-mill products and other fiber manufactures	6,444	2,324	1,163,451	8,111	54,573	1,082,602	14,805	1,771	1,589	1,095,020,093	50,792,248	100,533,176
5	4	Apparel and other finished products made from fabrics and similar materials	20,206	16,888	849,464	15,572	37,140	751,377	42,720	443	2,212	861,294,405	71,709,720	58,882,060
6	5	Lumber and timber basic products	11,520	10,066	398,575	4,660	19,956	360,613	8,962	3,099	1,285	380,672,829	18,399,732	33,198,489
7	6	Furniture and finished lumber products	8,457	5,336	344,956	7,501	24,804	293,570	17,558	710	813	382,166,885	32,576,230	40,719,727
8	7	Paper and allied products	3,279	839	316,121	4,225	26,840	264,716	14,808	4,933	599	434,797,264	29,768,469	55,107,927
9	8	Printing, publishing, and allied industries	24,878	18,147	552,505	18,937	124,060	324,535	84,108	749	116	977,702,397	99,716,764	231,852,004
10	9	Chemicals and allied products	9,203	3,398	404,249	8,204	54,906	287,136	40,614	11,131	2,258	621,089,366	48,373,430	116,769,114
11	10	Products of petroleum and coal	989	192	139,654	561	17,986	105,428	4,014	10,851	814	250,131,477	3,475,846	44,617,456
12	11	Rubber products	595	161	149,738	902	17,734	120,740	8,568	1,552	242	226,922,132	7,131,196	37,305,643
13	12	Leather and leather products	3,508	1,746	359,858	3,982	19,892	327,663	7,864	374	83	366,373,544	22,006,217	33,150,557
14	13	Stone, clay, and glass products	7,024	3,816	337,894	5,487	27,452	287,522	13,318	3,408	707	440,280,158	24,777,352	53,921,014
15	14	Iron and steel and their products, except machinery	8,994	3,486	1,127,413	11,918	105,207	966,367	33,145	9,593	1,183	1,695,240,869	73,892,578	223,594,105
16	15	Nonferrous metals and their products	5,600	3,839	282,228	4,976	28,836	228,753	14,030	3,479	2,154	422,043,616	27,995,301	58,077,808
17	16	Electrical machinery	2,014	640	335,248	2,759	54,769	256,467	17,973	2,109	1,171	519,867,970	20,452,662	119,162,064
18	17	Machinery (except electrical)	9,506	4,911	680,297	11,287	95,376	522,980	44,140	3,340	3,174	1,109,857,923	71,947,140	186,329,250
19	18	Automobiles and automobile equipment	1,133	564	460,419	1,327	44,884	398,963	14,143	307	795	793,484,209	10,471,423	104,736,614
20	19	Transportation equipment, except automobiles	968	435	189,068	1,113	27,098	157,097	2,719	795	246	309,843,437	7,527,861	56,124,162
21	20	Miscellaneous industries	7,699	5,426	303,132	6,771	30,871	238,827	22,889	3,469	305	397,465,170	35,369,592	56,583,162
		INDUSTRY												
22	13	Abrasive wheels, stones, paper, cloth, and related products	124	31	11,321	205	1,646	7,734	1,120	392	224	20,490,903	1,744,548	3,699,072
23	17	Agricultural machinery (except tractors)	317	132	34,898	410	5,176	27,806	1,345	82	79	48,809,691	1,878,531	9,167,366
24	19	Aircraft and parts, including aircraft engines	125	36	63,994	348	13,423	48,638	1,172	282	131	108,285,547	2,787,899	25,188,764
25	15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	188	28	47,270	244	5,119	38,816	1,540	1,441	110	75,590,912	2,089,616	11,145,685
26	15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	162	108	21,157	118	2,865	17,249	247	603	75	33,596,933	750,730	5,726,166
27	15	Aluminum ware, kitchen, hospital, and household (except electrical appliances)	32	9	8,253	57	831	6,297	1,026	4	38	12,350,800	569,061	1,623,889
28	9	Ammunition	13	2	5,247	15	672	4,264	264	20	12	6,944,595	125,593	1,269,465
29	3	Artificial leather and oilcloth	36	6	5,029	62	572	3,976	375	38	6	8,094,782	475,819	1,197,773
30	20	Artists' materials	42	29	614	31	106	397	80	.....	.....	910,800	141,807	179,818
31	15	Asbestos products (except steam packing and pipe and boiler covering)	79	12	12,216	90	1,184	9,979	725	232	6	16,291,196	592,635	2,363,697
32	14	Automobile stampings	90	21	10,081	156	1,086	8,597	205	33	4	15,921,285	1,112,268	2,170,984
33	18	Automobile trailers (for attachment to passenger cars)	79	71	1,696	46	131	1,426	89	1	3	2,000,229	201,505	165,988
34	16	Automotive electrical equipment	84	24	20,977	100	2,755	17,495	546	6	75	32,556,000	628,471	5,880,841
35	1	Baking powder, yeast, and other leavening compounds	47	3	4,023	49	456	2,334	992	180	12	7,554,421	521,608	1,184,665
36	6	Baskets for fruits and vegetables	153	99	8,644	104	347	8,048	126	19	..	5,477,691	323,706	492,411
37	16	Batteries, storage and primary (dry and wet)	221	120	18,666	161	2,204	15,034	1,149	40	78	27,244,913	957,689	4,403,914
38	3	Batting, padding, and wadding; upholstery filling	124	54	5,291	119	429	4,505	235	.....	3	6,188,197	833,595	728,194
39	20	Beauty - shop and barber - shop equipment	72	23	2,814	99	321	1,986	408	.....	.....	3,592,679	598,239	565,433
40	20	Beehive coke	29	1	761	6	63	685	4	.....	3	781,620	9,010	64,091
41	1	Beet sugar	85	.....	12,324	34	1,443	10,410	1	73	363	16,408,052	194,635	2,747,099
42	4	Belts (apparel), regardless of material	245	231	5,159	186	267	4,222	467	.....	17	5,799,940	710,442	369,040
43	1	Biscuit, crackers, and pretzels	356	202	35,930	307	2,081	29,173	3,846	161	362	42,059,144	1,809,642	3,885,480
44	14	Blast-furnace products	81	.	22,027	21	1,890	19,537	31	546	2	34,497,508	145,484	5,242,515
45	1	Blended and prepared flour made from purchased flour	78	38	1,105	46	130	706	222	.....	1	1,419,209	206,038	201,223
46	17	Blowers; exhaust and ventilating fans	77	29	5,446	93	641	3,885	724	21	82	9,063,141	636,659	1,144,611
47	9	Bluing	13	12	117	10	20	55	27	.....	5	197,085	59,442	28,358
48	19	Boat building and boat repairing	202	168	3,009	92	224	2,630	63	.....	.....	3,802,465	377,955	392,393
49	14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	155	30	17,107	257	1,780	14,331	718	16	5	25,475,667	1,904,392	3,656,244
50	9	Bone black, carbon black, and lampblack	53	1	1,909	17	191	1,574	26	95	6	2,718,209	125,825	408,475
51	8	Bookbinding and related industries	1,133	893	31,622	975	2,961	25,690	1,957	32	7	42,840,415	4,617,664	5,112,069
52	8	Books: printing without publishing	690	359	21,583	885	2,489	16,547	1,590	72	.....	38,807,339	4,995,946	5,107,568
53	8	Books: publishing and printing	150	61	8,839	215	1,441	6,091	1,087	5	..	14,715,064	1,362,999	2,696,124
54	8	Books: publishing without printing	556	156	12,137	676	6,199	135	5,127	..	...	22,984,919	4,685,946	9,459,396

See footnotes at end of table.

INDUSTRY GROUPS AND BY INDUSTRIES: 1939

SALARIES AND WAGES—continued				COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Manufacturing—Con. Wages	Distribution	Construction	Other	Total [4 5]	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products [4 5]	Value added by manufacture [6]	
$9,089,940,916	$1,052,755,302	$107,557,384	$45,973,321	$32,160,106,681	[7] $30,254,960,667	$850,463,848	$465,426,583	[7] $589,255,583	$56,843,024,800	$24,682,918,119	1
913,984,950	259,440,391	12,153,537	18,025,702	7,062,039,218	6,895,302,394	86,958,179	74,913,613	4,865,032	10,618,025,930	3,555,986,712	2
68,499,717	6,031,377	328,899	556,708	972,036,787	968,808,150	1,239,054	1,023,517	966,066	1,322,189,139	350,152,352	3
908,379,285	31,732,912	2,192,267	1,390,205	2,108,925,959	1,984,291,630	42,258,694	53,789,371	28,586,264	3,930,678,093	1,821,752,134	4
654,401,873	73,485,553	612,378	2,202,812	1,943,677,438	1,701,397,285	3,432,259	11,978,451	226,869,443	3,325,015,179	1,381,337,741	5
310,381,443	13,377,661	3,759,371	1,556,133	594,243,270	463,374,986	7,147,254	7,026,558	26,694,472	1,122,057,978	617,814,708	6
274,788,465	32,346,805	664,553	1,121,105	640,955,985	621,562,937	7,697,109	9,014,683	2,681,256	1,267,724,013	626,768,028	7
309,856,579	31,989,743	6,865,547	1,208,999	1,149,666,420	1,063,398,911	58,749,342	25,773,110	1,745,057	2,019,568,217	869,901,797	8
493,615,659	150,585,862	1,705,932	226,176	812,007,618	614,011,305	6,723,627	18,244,098	173,028,588	2,578,464,382	1,766,456,764	9
356,175,902	79,301,348	16,705,579	3,763,993	1,854,140,407	1,753,213,088	62,739,809	35,783,324	2,404,186	3,733,657,723	1,879,517,316	10
173,701,818	7,699,148	19,298,766	1,338,443	2,278,485,610	2,192,110,640	69,516,464	14,394,276	2,464,230	2,953,973,409	675,487,799	11
161,409,811	18,207,947	2,554,858	312,677	496,174,017	477,967,737	7,675,253	10,172,687	358,340	902,328,802	406,154,785	12
294,289,718	16,375,436	431,412	120,204	805,911,414	783,178,977	5,862,310	5,700,912	11,169,215	1,389,513,718	583,602,304	13
329,559,927	26,331,417	4,709,519	980,929	528,792,323	499,967,723	84,268,125	31,999,382	2,557,093	1,440,151,489	911,359,166	14
1,313,633,202	69,266,585	13,071,813	1,782,586	3,635,870,517	3,229,277,773	316,196,243	74,068,026	16,328,475	6,591,530,456	2,955,659,939	15
299,219,667	28,399,537	5,476,271	2,875,032	1,748,591,574	1,688,447,257	27,843,581	25,051,566	7,249,170	2,572,854,496	824,262,922	16
335,819,534	38,572,775	4,138,706	1,722,229	727,436,259	702,716,203	9,597,325	11,860,954	3,261,777	1,727,389,949	999,953,690	17
748,288,262	93,568,714	5,244,288	4,480,269	1,285,211,133	1,224,978,946	22,811,514	24,854,389	12,566,284	3,254,173,950	1,968,962,817	18
646,405,891	29,856,934	640,137	1,373,210	2,725,396,316	2,639,294,529	18,775,888	16,684,145	50,641,754	4,047,872,729	1,322,476,413	19
239,253,940	5,200,972	1,457,474	279,028	411,377,100	392,842,513	4,840,796	5,311,905	8,381,886	882,896,840	471,519,740	20
258,325,273	40,984,185	5,546,077	656,881	469,167,316	448,817,683	6,131,022	7,781,616	6,436,995	1,162,958,308	693,790,992	21
10,683,071	8,215,465	742,848	405,899	26,505,999	25,030,578	743,975	709,879	21,567	71,271,168	44,765,169	22
35,228,807	2,303,840	164,029	67,118	79,270,104	76,231,887	1,874,425	875,110	288,682	167,895,292	88,625,188	23
77,488,188	1,990,577	730,354	99,765	96,250,233	86,924,768	551,382	1,305,537	7,468,546	279,496,844	183,246,611	24
56,282,378	3,575,060	2,356,545	141,628	280,890,489	270,120,291	5,453,094	4,817,294	499,810	445,060,017	164,169,528	25
25,539,148	475,186	995,646	110,057	106 993,222	103,513,455	1,659,684	1,551,137	268,946	169,819,269	62,826,047	26
7,774,778	2,340,139	6,623	36,310	17,206,914	16,637,286	223,911	322,191	23,526	37,124,898	19,917,984	27
4,952,610	549,869	32,431	14,627	13,004,357	12,574,041	290,682	85,087	54,547	29,091,475	16,087,118	28
5,391,326	970,257	53,325	6,282	25,250,079	24,021,071	465,375	251,799	511,834	43,434,067	18,183,988	29
464,389	124,786	----------	----------	2,018,727	1,936,320	23,338	58,030	1,039	4,070,141	2,051,414	30
11,578,739	1,401,248	349,763	5,114	23,928,040	22,292,026	915,943	709,266	10,805	60,774,252	36,846,212	31
11,970,203	591,013	72,717	4,100	21,826,766	20,631,552	232,572	551,122	411,520	47,833,155	26,006,389	32
1,501,270	129,086	584	1,796	4,835,158	4,754,679	26,814	38,771	14,894	7,941,996	3,106,838	33
24,896,474	1,009,633	9,349	131,232	42,040,931	40,569,713	636,702	740,416	94,100	109,761,620	67,720,689	34
3,654,208	1,778,791	386,482	28,667	14,462,304	13,541,712	587,100	333,492	(7)	31,774,637	17,312,333	35
4,470,188	171,159	20,227	----------	5,748,600	5,600,322	38,393	105,879	4,006	14,286,273	8,537,673	36
19,209,426	2,474,326	76,018	123,540	63,176,798	60,596,351	957,416	1,526,435	96,596	117,582,712	54,405,914	37
4,120,350	502,728	----------	3,330	16,921,450	16,347,778	202,381	371,291	(7)	30,213,085	13,291,635	38
1,817,595	611,412	----------	----------	5,365,890	5,216,553	15,403	65,690	68,244	13,006,333	7,640,443	39
701,108	7,050	----------	361	3,566,705	3,478,380	24,434	57,730	6,161	4,781,094	1,214,389	40
12,361,317	1,090	206,848	897,063	84,951,372	79,244,182	5,499,046	208,144	----------	134,396,017	49,444,645	41
4,066,591	643,113	----------	10,754	9,900,188	9,763,985	4,913	71,010	60,280	19,076,348	9,176,160	42
28,549,620	6,545,883	403,484	865,035	82,049,455	79,465,352	1,806,825	777,278	----------	200,792,878	118,743,423	43
28,312,336	133,753	662,412	1,008	463,719,471	316,774,848	145,500,186	1,444,437	----------	550,802,313	87,082,842	44
593,196	417,058	174	1,520	13,965,965	13,892,959	17,196	55,810	----------	17,894,332	3,928,367	45
5,371,111	1,743,697	25,105	141,958	11,767,721	11,280,704	174,092	115,197	197,728	28,606,349	16,838,628	46
55,925	48,726	----------	4,634	386,220	380,720	1,568	2,545	1,387	1,142,341	756,121	47
2,897,445	133,672	----------	1,000	4,958,297	4,836,782	36,463	73,248	11,804	10,884,542	5,926,245	48
18,332,950	1,543,581	31,748	6,752	38,708,570	36,214,766	930,202	937,773	625,829	84,117,969	45,409,399	49
2,001,097	51,482	124,015	7,315	6,103,427	5,772,570	22,877	307,980	----------	14,626,876	8,523,449	50
29,062,627	3,897,529	119,916	30,610	30,428,715	28,044,632	290,300	763,464	1,330,319	102,591,313	72,162,598	51
25,037,639	3,494,773	171,413	----------	32,012,005	27,536,310	281,734	861,687	3,332,274	87,656,088	55,644,083	52
8,404,779	2,237,117	14,045	----------	11,728,693	9,517,775	118,943	221,339	1,870,636	39,517,202	27,788,509	53
195,673	8,643,904	----------	----------	35,548,274	7,517,741	9,451	93,145	27,927,937	109,579,003	74,030,729	54

TABLE 5.—GENERAL STATISTICS IN DETAIL, BY

Group		Industry group and industry	Number of establishments	Proprietors and firm members	Number of persons employed in manufacturing establishments [1]							Salaries and wages		
					Total	Salaried officers of corporations	Manufacturing		Distribution	Construction	Other	Total [1]	Salaried officers of corporations	Manufacturing
							Salaried employees	Wage earners (average for year) [1]						Salaries
		INDUSTRY GROUP AND INDUSTRY—continued												
1	12	Boot and shoe cut stock and findings	73	29	21,293	474	1,480	18,845	471	22	1	$22,735,477	$2,191,965	$2,651,028
2	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	8,104	18,783	247,591	3,094	12,610	201,535	24,720	1,007	3,627	330,665,684	12,666,456	24,308,430
3	13	Brick and hollow structural tile	860	330	32,962	698	1,779	29,069	1,096	275	45	33,877,263	2,642,630	2,909,199
4	20	Brooms	320	359	4,377	112	232	3,787	246			3,626,692	283,000	253,255
5	20	Brushes	245	146	10,029	253	1,004	7,891	812	69		12,524,287	1,220,828	1,782,006
6	20	Buttons	316	267	12,418	229	729	10,972	442	46		11,764,496	1,020,223	1,268,278
7	9	Candles	28	9	1,188	48	94	840	204		2	1,752,222	329,673	184,637
8	1	Candy and other confectionery products	1,252	814	61,111	959	3,716	49,740	6,154	190	352	63,124,190	5,333,149	6,457,177
9	1	Cane sugar (except refineries)	78	57	5,294	74	613	4,217	15	369	6	3,731,239	268,022	558,952
10	1	Cane-sugar refining	27	5	16,828	24	1,682	14,133	193	266	530	21,412,044	207,722	3,613,035
11	1	Canned and dried fruits and vegetables (including canned soups)	2,007	1,182	108,841	1,131	6,431	98,022	2,294	543	420	82,877,776	4,340,407	9,416,396
12	1	Canned fish, crustacea, and mollusks	214	103	16,928	190	638	15,735	179	97	89	9,283,827	767,231	918,400
13	4	Canvas products (except bags)	334	189	5,982	330	575	3,869	1,165	25	18	7,428,945	1,297,125	816,429
14	20	Carbon paper and inked ribbons	58	27	3,014	69	371	1,741	812	21		4,970,456	614,008	745,473
15	16	Carbon products for the electrical industry, and manufactures of carbon or artificial graphite	31	16	4,053	50	642	3,189	147	24	1	6,675,430	466,972	1,358,202
16	3	Carpets and rugs, wool	43	8	29,039	91	2,284	25,590	1,014	51	9	38,240,858	1,188,895	4,608,799
17	3	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	84	62	3,608	70	247	3,137	140	13	1	3,039,210	327,327	357,560
18	3	Carpet yarn, woolen and worsted	18	6	3,419	28	196	3,137	57	1		4,233,369	239,000	480,488
19	19	Cars and car equipment—railroad, street, and rapid-transit	143	1	28,792	45	3,919	24,523	192	109	4	44,108,727	300,978	8,578,335
20	17	Cars and trucks, industrial	55	17	3,770	92	517	2,732	419	2	8	5,330,131	436,966	893,966
21	6	Caskets, coffins, burial cases, and other morticians' goods	599	327	16,615	612	1,496	12,447	2,035	5	20	23,006,973	2,737,477	2,494,672
22	14	Cast-iron pipe and fittings	74	3	18,051	112	1,109	16,488	304	8	30	21,176,879	749,640	2,241,604
23	13	Cement	160	1	28,197	116	2,652	23,801	1,066	529	33	42,582,657	943,029	6,465,170
24	1	Cereal preparations	70	28	9,033	52	959	7,458	410	28	126	13,647,250	574,566	2,205,024
25	1	Cheese	2,682	2,339	6,152	79	663	5,009	352	26	23	6,787,707	272,728	901,199
26	9	Chemicals not elsewhere classified	543	56	83,063	430	13,646	60,268	2,051	6,104	564	148,148,149	3,641,400	34,579,910
27	1	Chewing gum	27	3	3,693	38	316	2,627	653	7	52	5,436,916	358,436	677,851
28	4	Children's and infants' wear not elsewhere classified—made in contract factories	22	26	1,029	6	20	995	7		1	731,390	19,359	29,682
29	4	Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors	103	68	4,929	91	206	4,365	252	4	11	4,618,845	395,220	315,081
30	4	Children's coats—made in contract factories	45	49	1,216	14	20	1,181			1	1,392,171	38,806	27,709
31	4	Children's coats—made in inside factories or by jobbers engaging contractors	108	75	2,827	114	229	2,130	328	1	25	4,453,090	538,266	370,893
32	4	Children's dresses—made in contract factories	114	127	4,598	19	87	4,487	5			2,762,264	45,693	111,836
33	4	Children's dresses—made in inside factories or by jobbers engaging contractors	182	111	12,112	188	583	10,646	677	2	16	11,189,952	1,145,939	921,751
34	20	Children's vehicles	44	10	4,952	77	371	4,319	175	10		6,171,659	505,463	604,296
35	13	China firing and decorating for the trade	24	19	509	18	29	421	38	3		616,440	82,033	43,524
36	1	Chocolate and cocoa products	39	4	8,831	58	725	6,464	1,010	334	240	13,030,169	686,447	1,422,378
37	6	Cigar boxes: wooden, part wooden	59	40	3,317	61	109	3,101	39	4	3	2,595,286	316,670	200,738
38	2	Cigarettes	35	3	30,803	32	1,353	27,426	1,680	31	281	33,667,806	496,576	3,232,818
39	2	Cigars	598	523	54,262	259	2,139	50,897	829	33	105	41,141,302	1,494,315	3,581,148
40	13	Clay products (except pottery) not elsewhere classified	99	76	1,868	46	114	1,651	49	8		1,921,263	150,118	185,710
41	13	Clay refractories, including refractory cement (clay)	165	13	13,655	124	929	12,211	221	138	32	15,404,131	612,049	1,794,163
42	9	Cleaning and polishing preparations, blackings, and dressings	637	301	9,978	578	1,403	5,128	2,802	33	34	15,964,521	2,921,172	2,468,942
43	15	Clocks, watches, and materials and parts (except watchcases)	74	29	21,287	111	1,615	17,878	1,273	114	296	27,504,819	1,061,402	3,068,850
44	4	Clothing, leather and sheep-lined	97	79	5,355	106	335	4,672	235	5	2	5,877,750	538,289	430,823
45	3	Cloth sponging and miscellaneous special finishing	112	41	3,460	131	307	2,811	197		14	5,500,169	683,904	557,336
46	9	Coal-tar products, crude and intermediate	49	1	2,954	12	435	2,338	19	150		4,877,611	67,816	961,451
47	7	Coated and glazed paper	140	17	9,549	201	1,040	7,450	766	84	8	14,898,515	1,609,555	2,091,888
48	4	Coats, suits, and skirts (except fur coats)—made in contract factories	846	985	22,179	338	308	21,405	86	2	40	24,179,985	780,824	435,456
49	4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	1,120	795	30,289	1,145	1,872	24,048	3,037	3	184	48,448,373	5,640,788	3,056,153
50	14	Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills	43	3	6,772	71	704	5,644	269	67	17	11,344,455	697,364	1,665,623
51	15	Collapsible tubes	14		2,195	31	171	1,933	41	16	3	2,694,672	329,201	315,814
52	9	Colors and pigments	89	7	8,018	99	1,381	5,839	296	316	87	13,267,077	688,369	3,235,950

See footnotes at end of table.

INDUSTRY GROUPS AND BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES—continued				COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Manufacturing—Con. Wages	Distribution	Construction	Other	Total [4 5]	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products [4 5]	Value added by manufacture [6]	
$17,195,728	$965,253	$29,823	$1,680	$90,487,474	$89,572,035	$306,074	$559,186	$50,179	$129,399,406	$38,911,932	1
262,001,562	26,289,702	1,510,628	3,888,906	567,427,173	539,981,125	16,043,573	11,394,645	7,830	1,211,023,755	643,596,582	2
26,349,346	1,691,060	246,909	38,119	22,469,597	6,996,528	12,660,149	2,725,259	87,661	78,153,227	55,683,630	3
2,756,770	333,667	----------	----------	6,052,345	5,930,852	40,788	77,577	3,128	11,842,422	5,790,077	4
7,988,974	1,448,834	83,645	----------	25,255,279	24,770,144	157,652	224,391	103,092	48,466,966	23,211,687	5
8,622,711	764,909	88,375	----------	12,473,349	11,407,301	193,113	404,675	468,260	29,817,188	17,343,839	6
816,811	419,189	----------	1,912	3,337,684	3,256,479	61,078	20,127	----------	6,329,179	2,991,495	7
41,084,966	9,455,370	351,073	442,455	170,735,600	167,017,930	1,744,923	1,815,078	157,669	297,761,813	127,026,213	8
2,573,319	19,333	301,527	10,086	23,017,224	22,317,139	615,321	67,275	17,489	33,526,898	10,509,674	9
16,196,690	394,964	365,636	633,997	333,876,627	327,757,373	4,412,707	127,433	1,579,114	389,869,764	55,993,137	10
65,234,801	2,920,436	656,287	309,449	356,280,508	349,863,318	3,952,764	1,873,322	591,104	587,343,024	231,062,516	11
7,228,083	189,839	79,125	101,149	40,021,588	39,406,253	401,987	193,141	20,207	65,455,696	25,434,108	12
3,620,832	1,650,098	25,880	18,581	13,029,605	12,844,831	73,217	102,287	9,270	24,408,030	11,378,425	13
2,132,172	1,442,268	36,535	----------	10,156,587	9,978,055	81,226	97,206	100	20,776,745	10,620,158	14
4,483,609	336,970	29,477	200	6,681,438	5,208,075	545,406	755,780	172,177	18,375,580	11,694,142	15
30,143,651	2,204,381	83,902	11,230	61,065,634	58,554,890	1,412,294	497,998	600,452	140,337,725	79,272,091	16
2,116,087	218,175	19,511	550	4,367,600	4,156,122	74,873	82,633	53,972	9,758,261	5,390,661	17
3,499,528	11,823	2,530	----------	11,869,413	11,578,972	137,921	152,520	(7)	19,982,522	8,113,109	18
34,614,506	456,365	155,314	3,229	103,661,234	101,277,356	1,489,138	883,660	11,080	168,381,877	64,720,643	19
3,149,298	833,534	2,600	13,767	7,800,921	7,489,224	108,250	147,906	55,541	17,319,579	9,518,658	20
13,392,154	4,338,299	5,031	39,340	31,861,794	30,950,177	396,530	455,666	59,421	70,353,137	38,491,343	21
17,483,095	618,617	14,878	69,045	28,013,997	24,747,129	2,451,066	770,255	45,547	65,079,052	37,065,055	22
31,588,404	2,680,442	860,116	45,496	68,529,756	34,034,358	24,164,457	9,908,469	422,472	192,611,304	124,081,548	23
9,856,757	770,947	36,243	203,713	58,033,997	56,156,793	995,859	881,345	----------	128,382,565	70,348,568	24
5,155,715	410,228	28,347	19,490	91,440,315	89,386,179	1,381,178	664,486	8,472	108,207,060	16,766,745	25
94,883,557	4,606,542	9,500,515	936,195	368,635,583	320,066,525	31,757,103	16,560,926	251,029	839,750,366	471,114,783	26
3,285,748	1,012,933	18,409	83,539	17,629,987	17,403,131	126,949	99,907	----------	60,783,246	43,153,259	27
677,566	4,150	----------	633	72,749	51,878	2,963	14,563	3,345	1,040,894	968,145	28
3,502,811	390,084	7,213	8,436	10,377,783	8,816,474	9,833	65,782	1,485,694	17,941,909	7,564,126	29
1,325,388	----------	----------	268	203,658	166,097	8,833	20,479	8,249	1,946,728	1,743,070	30
3,007,718	510,583	1,300	24,330	17,161,914	13,897,677	3,766	74,801	3,185,670	24,970,797	7,808,883	31
2,598,719	6,016	----------	----------	211,375	145,730	11,789	50,476	3,380	3,841,533	3,630,158	32
8,063,761	1,039,631	1,783	17,087	24,834,866	19,901,706	20,490	157,431	4,755,239	46,742,013	21,907,147	33
4,712,998	333,822	15,080	----------	9,940,223	9,637,513	77,936	120,215	104,559	19,117,410	9,177,187	34
425,644	62,417	2,822	----------	1,118,732	1,063,962	28,408	6,337	20,025	2,334,161	1,215,429	35
7,711,129	2,346,357	457,595	406,263	63,459,569	61,993,752	737,533	728,284	----------	99,018,203	35,558,634	36
2,017,076	53,047	3,882	3,873	2,483,024	2,389,870	27,723	64,928	503	6,330,768	3,847,744	37
26,067,632	3,413,028	121,028	336,724	811,068,315	809,870,030	690,401	378,532	129,352	1,037,747,517	226,679,202	38
34,239,556	1,657,028	54,730	114,525	79,249,087	78,247,281	217,109	491,189	293,508	160,754,424	81,505,337	39
1,493,937	84,063	7,435	----------	1,043,217	351,828	591,302	100,087	----------	4,450,202	3,406,985	40
12,324,290	497,840	154,151	21,638	13,213,515	8,795,805	3,608,063	796,051	13,596	42,191,454	28,977,939	41
5,667,266	4,822,145	38,968	46,028	37,670,007	37,036,595	303,955	300,226	29,231	89,766,752	52,096,745	42
20,467,333	2,368,531	205,861	332,842	35,204,008	34,592,070	256,727	248,973	106,238	84,846,136	49,642,128	43
4,578,002	322,516	6,404	1,716	13,766,291	13,466,014	22,580	76,475	201,222	22,142,238	8,375,947	44
3,851,672	385,250	----------	22,007	9,838,052	9,472,675	246,583	118,794	----------	23,682,404	13,844,352	45
3,598,411	38,848	211,085	----------	25,557,307	23,891,842	1,230,488	209,511	225,466	42,917,034	17,359,727	46
9,384,260	1,684,387	110,019	18,406	53,627,595	52,313,862	526,662	610,662	176,409	84,386,593	30,758,998	47
22,856,164	80,604	1,976	24,961	2,544,229	1,576,222	116,836	335,151	516,020	32,351,413	30,307,184	48
33,560,567	5,983,989	3,192	203,684	194,095,275	158,520,795	100,905	665,965	34,807,610	281,145,798	7,050,523	49
8,177,807	652,564	123,267	27,830	45,369,069	43,783,149	613,234	946,351	26,335	70,401,099	25,032,030	50
1,903,311	114,958	27,538	3,850	4,935,815	4,821,294	40,841	73,680	----------	9,471,836	4,536,021	51
8,114,349	725,670	331,649	171,090	43,388,442	40,166,318	2,188,437	1,029,729	3,958	83,885,847	40,497,405	52

TABLE 5.—GENERAL STATISTICS IN DETAIL, BY

	Group No.	INDUSTRY GROUP AND INDUSTRY	Number of establishments	Proprietors and firm members	NUMBER OF PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] [2]							SALARIES AND WAGES		
					Total	Salaried officers of corporations	Manufacturing		Distribution	Construction	Other	Total [4]	Salaried officers of corporations	Manufacturing
							Salaried employees	Wage earners (average for year) [3]						Salaries
		INDUSTRY—continued												
1	17	Commercial laundry, dry-cleaning and pressing machinery	82	37	3,654	89	588	2,705	245	4	23	$5,779,573	$640,821	$1,101,910
2	16	Communication equipment	227	64	41,844	365	8,935	32,119	2,630	617	178	76,677,486	2,911,873	22,413,219
3	9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	379	14	6,450	68	725	3,960	1,665	27	5	11,465,251	485,112	1,686,534
4	13	Concrete products	2,040	1,398	22,459	1,033	1,728	17,363	2,087	165	83	28,699,936	3,817,627	2,726,096
5	1	Condensed and evaporated milk	562	90	12,392	126	1,482	9,705	641	230	208	15,915,856	675,185	2,453,853
6	17	Construction and similar machinery (except mining and oil-field machinery and tools)	199	53	23,216	350	3,796	17,259	1,504	204	103	38,470,010	2,443,958	6,990,308
7	7	Converted paper products not elsewhere classified	384	146	28,301	539	2,791	21,775	2,983	188	25	36,827,482	3,793,138	4,907,239
8	1	Cooking and other edible fats and oils, not elsewhere classified	56	1	6,407	41	959	4,672	622	103	10	9,088,273	313,067	2,024,621
9	6	Cooperage	350	148	8,104	152	526	7,193	219	11	3	8,556,927	656,089	988,677
10	3	Cordage and twine	116	18	13,699	177	975	12,096	361	25	65	14,188,504	1,134,694	1,969,710
11	6	Cork products	35	10	3,597	50	342	2,923	241	36	5	4,880,752	372,334	631,243
12	1	Corn sirup, corn sugar, corn oil, and starch	35	9	9,024	28	1,142	6,764	665	222	203	15,726,372	260,282	2,954,075
13	4	Corsets and allied garments	272	127	23,036	340	1,610	18,765	2,246	15	60	25,146,853	2,578,632	2,748,527
14	20	Costume jewelry and costume novelties (jewelry other than fine jewelry)	289	242	12,682	234	993	10,808	596	51	...	12,612,943	1,264,308	1,422,601
15	3	Cotton broad woven goods	661	65	325,373	900	9,854	312,249	963	577	830	251,180,270	5,680,533	17,416,338
16	3	Cotton narrow fabrics	163	62	15,194	215	1,045	13,318	556	12	48	16,073,121	1,433,260	1,710,921
17	9	Cottonseed oil, cake, meal, and linters	447	70	18,519	394	2,136	15,191	633	105	60	14,880,908	1,255,863	3,641,608
18	3	Cotton thread	75	29	14,856	90	1,100	13,298	368	.....	.....	13,497,471	576,315	1,752,179
19	3	Cotton yarn	349	45	73,349	496	2,038	70,452	149	96	118	50,898,217	1,977,294	3,402,212
20	1	Creamery butter	3,506	2,667	28,774	562	5,081	17,953	4,589	306	283	32,907,473	1,821,807	6,569,377
21	1	Cured fish	114	81	2,344	53	196	1,893	175	19	8	2,616,166	284,198	325,988
22	4	Curtains, draperies, and bedspreads—contract factories	75	73	1,199	23	45	1,109	20	....	2	906,371	45,314	48,394
23	4	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	362	236	17,900	306	870	15,798	878	24	24	13,721,158	1,442,513	1,193,491
24	1	Custom slaughtering, wholesale	40	25	782	28	59	640	30	18	7	959,175	89,354	105,958
25	14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	266	139	18,392	340	1,469	15,399	1,030	24	130	24,138,126	2,266,754	2,696,368
26	20	Dental equipment and supplies	131	68	5,708	148	679	4,245	630	6	.....	8,498,728	923,053	1,517,910
27	7	Die-cut paper and paperboard, and converted cardboard	121	47	5,670	181	534	4,354	568	19	14	8,860,835	1,110,723	1,032,786
28	20	Dolls (except rubber)	84	53	3,471	92	197	3,052	124	6	.....	3,754,215	389,873	287,088
29	14	Doors, window sash, frames, molding, and trim (made of metal)	205	73	10,428	332	1,130	7,740	1,172	52	2	16,504,731	1,825,085	1,996,792
30	4	Dress and semidress gloves and mittens, cloth, cloth and leather combined	49	27	3,738	44	162	3,396	128	3	5	2,806,414	158,303	210,637
31	9	Drugs and medicines (including drug grinding)	1,094	330	40,392	1,453	5,559	22,386	10,202	301	491	64,223,527	9,299,789	10,848,948
32	3	Dyeing and finishing cotton, rayon, silk, and linen textiles	468	116	68,460	809	6,055	60,237	1,142	176	41	82,288,696	5,838,900	11,901,976
33	3	Dyeing and finishing woolen and worsted	63	19	4,511	96	479	3,821	107	5	3	5,830,342	618,513	1,037,408
34	16	Electrical appliances	138	30	25,062	206	2,744	19,890	2,164	25	33	36,979,276	1,356,851	5,677,989
35	16	Electrical measuring instruments	59	22	9,318	86	1,719	6,976	450	65	22	15,222,595	705,374	3,616,751
36	16	Electrical products not elsewhere classified	175	62	8,291	163	1,330	6,014	723	55	6	12,326,919	854,264	2,936,145
37	16	Electric lamps	55	7	11,587	49	1,364	9,622	491	46	16	15,309,066	370,701	3,119,529
38	15	Electroplating, plating, and polishing	643	614	9,653	370	627	8,206	372	45	33	12,548,335	1,405,980	1,111,802
39	8	Electrotyping and stereotyping, not done in printing establishments	234	62	6,383	345	810	4,412	755	1	10	14,444,595	2,103,019	1,714,954
40	17	Elevators, escalators, and conveyors	183	50	13,103	339	2,051	8,915	1,600	107	91	22,604,696	1,711,798	3,836,475
41	4	Embroideries, other than Schiffli-machine products—contract factories	357	408	4,558	116	105	4,189	133	.....	15	3,911,411	312,245	137,663
42	4	Embroideries, other than Schiffli-machine products—made in regular factories or by jobbers engaging contractors	54	49	702	33	33	608	26	.....	2	669,616	88,424	50,988
43	4	Embroideries: Schiffli-machine products	398	395	4,176	147	137	3,750	137	.....	5	4,316,588	573,608	258,654
44	14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	259	74	28,498	385	2,266	24,605	1,186	50	6	40,280,684	2,476,465	4,350,741
45	14	Enameling, japanning, and lacquering	80	66	2,123	60	150	1,821	69	6	17	2,808,448	295,638	293,539
46	15	Engraving on metal (except for printing purposes)	94	89	1,683	48	155	1,419	59	....	2	2,690,402	295,767	278,292
47	8	Engraving (steel, copperplate, and wood); plate printing	436	329	6,865	347	739	5,353	426	.....	.....	10,428,966	1,315,136	1,247,067
48	7	Envelopes	169	41	11,161	257	826	8,689	1,289	75	25	15,826,508	1,621,032	1,777,199
49	9	Essential oils	14	4	337	15	39	255	25	.....	3	704,149	165,827	96,854

See footnotes at end of table.

INDUSTRY GROUPS AND BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES—continued				COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Manufacturing—Con. Wages	Distribution	Construction	Other	Total [4 5]	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products [4]	Value added by manufacture [6]	
$3,476,555	$530,749	$4,385	$25,153	$8,821,037	$8,528,081	$80,315	$94,894	$117,747	$21,838,863	$13,017,826	1
44,444,379	5,240,942	1,425,824	241,249	48,351,690	46,410,243	866,146	707,663	367,638	191,326,489	142,974,799	2
5,853,935	3,420,741	15,047	3,882	13,532,407	10,084,364	398,536	3,043,962	5,545	53,364,936	39,832,529	3
18,769,873	3,064,252	228,000	94,088	65,684,650	63,177,255	870,467	1,045,850	591,078	130,393,396	64,708,746	4
11,233,725	1,062,622	239,913	250,558	163,523,169	157,712,090	4,538,191	1,243,409	29,479	209,755,891	46,232,722	5
25,198,311	3,457,109	267,711	112,613	63,376,072	60,429,972	990,082	1,017,171	938,847	140,137,586	76,761,514	6
22,184,555	5,571,543	318,448	52,559	83,375,081	81,830,783	564,756	799,749	179,793	161,305,558	77,930,477	7
5,396,788	1,220,173	126,974	6,650	154,357,703	152,161,141	1,369,659	699,719	127,184	186,252,453	31,894,750	8
6,560,047	330,217	15,127	6,770	24,318,044	23,924,768	208,366	179,942	4,968	38,261,442	13,943,398	9
10,184,862	791,314	21,605	96,319	27,711,385	26,297,770	303,364	1,074,987	35,264	56,685,817	28,974,432	10
3,301,627	522,799	46,892	5,857	8,412,294	7,738,347	289,931	151,310	232,706	17,723,584	9,311,290	11
10,585,599	1,424,855	249,528	252,033	66,915,692	63,662,138	3,069,028	184,526	----------	119,408,253	52,492,561	12
15,734,491	3,994,609	28,512	62,082	40,104,739	38,617,767	95,613	231,550	1,159,809	84,417,950	44,313,211	13
8,754,638	1,097,686	73,710	----------	13,829,607	13,335,066	75,136	183,007	236,398	33,921,990	20,092,383	14
225,175,272	1,767,917	483,574	657,636	431,023,433	399,190,120	8,860,336	22,705,646	267,331	869,354,285	438,330,852	15
11,776,206	1,069,950	13,700	69,084	22,934,330	21,916,197	441,564	551,865	24,704	48,500,589	25,566,259	16
8,939,334	897,797	107,061	39,245	138,764,149	134,781,380	1,799,424	2,162,790	20,555	171,476,253	32,712,104	17
10,529,271	639,706	----------	----------	26,695,205	25,407,040	556,227	731,938	(7)	51,376,151	24,680,946	18
45,055,469	324,313	76,428	62,501	114,741,279	106,765,815	889,422	7,086,042	(7)	198,940,444	84,199,165	19
18,378,544	5,519,598	316,695	301,452	418,751,847	410,617,230	4,334,783	3,630,917	168,917	492,221,462	73,469,615	20
1,669,604	301,437	26,149	8,790	10,971,721	10,818,392	65,261	87,126	942	15,614,728	4,643,007	21
797,803	13,664	----------	1,196	259,919	238,714	2,053	18,730	422	1,678,806	1,418,887	22
9,471,636	1,572,819	17,687	23,012	47,475,227	46,035,881	65,972	262,012	1,111,362	70,232,983	22,757,756	23
688,864	51,408	17,972	5,619	477,578	329,948	52,324	95,306	----------	1,932,722	1,455,144	24
16,797,297	2,102,156	31,700	243,851	18,756,420	17,512,739	532,813	646,061	64,807	59,924,396	41,167,976	25
4,825,367	1,220,485	11,913	----------	13,257,713	12,965,541	134,427	130,367	27,378	31,546,707	18,288,994	26
5,453,990	1,203,263	27,024	33,049	16,069,422	15,684,323	127,706	173,898	83,495	33,263,907	17,194,485	27
2,836,614	232,676	7,964	----------	6,417,532	6,153,186	56,683	97,994	109,669	12,132,373	5,714,841	28
10,531,328	2,109,536	40,834	1,156	19,037,479	17,964,421	187,359	347,351	538,348	48,219,102	29,181,623	29
2,297,627	128,462	3,540	7,845	3,638,227	3,433,532	12,707	43,546	148,442	7,703,088	4,064,861	30
23,897,990	18,411,742	479,101	1,285,957	115,272,573	112,128,193	1,279,337	1,000,309	864,734	364,985,404	249,712,831	31
61,744,518	2,468,004	287,705	47,593	140,472,272	128,214,508	10,151,649	2,106,115	(7)	271,167,139	130,694,867	32
3,944,885	215,131	12,325	2,080	26,953,448	25,985,809	818,624	149,015	----------	37,437,032	10,483,584	33
25,408,770	4,459,028	41,316	35,322	58,081,360	56,082,581	585,281	1,022,141	391,357	145,696,194	87,614,834	34
9,881,124	881,568	102,393	35,385	12,104,664	11,708,639	110,192	242,925	42,908	41,797,495	29,692,831	35
7,409,584	940,969	177,133	8,824	14,866,461	14,091,854	243,262	412,709	118,636	39,048,906	24,182,445	36
10,689,019	1,025,974	97,001	6,842	28,571,141	27,535,078	376,926	628,023	31,114	84,827,985	56,256,844	37
9,382,801	545,905	59,901	41,946	7,300,444	5,841,349	352,608	969,724	136,763	28,168,051	20,867,607	38
8,919,769	1,674,807	2,414	29,632	6,904,385	3,591,993	161,450	478,247	2,672,695	29,045,159	22,140,774	39
13,357,937	3,308,947	263,868	125,671	25,057,146	23,756,670	315,201	447,768	537,507	64,128,051	39,070,905	40
3,323,654	124,865	----------	12,984	1,622,129	1,373,524	9,825	72,876	165,904	8,220,437	6,598,308	41
504,561	24,627	----------	1,016	671,431	519,605	1,515	12,589	137,722	1,686,181	1,014,750	42
3,247,549	232,644	----------	4,133	6,128,753	4,796,819	68,552	134,962	1,128,420	14,121,853	7,993,100	43
30,768,552	2,591,301	81,170	12,455	52,630,117	48,409,592	2,473,318	1,269,232	477,975	125,578,189	72,948,072	44
2,062,275	123,162	9,806	24,028	2,455,622	2,016,480	239,082	162,939	37,121	6,935,646	4,480,024	45
1,866,457	246,386	----------	3,500	1,677,664	1,544,906	33,048	48,813	50,897	5,863,670	4,186,006	46
7,156,404	710,359	----------	----------	6,029,351	5,368,553	72,785	183,579	404,434	22,163,638	16,134,287	47
9,596,844	2,652,170	150,088	29,175	24,623,014	23,966,746	145,235	339,427	171,606	50,118,134	25,495,120	48
357,346	81,933	----------	2,189	6,861,194	6,810,405	35,469	8,947	6,373	9,813,799	2,952,605	49

TABLE 5.—GENERAL STATISTICS IN DETAIL, BY

Group		INDUSTRY GROUP AND INDUSTRY	Number of establishments	Proprietors and firm members	NUMBER OF PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1, 2]							SALARIES AND WAGES		
					Total	Salaried officers of corporations	Manufacturing		Distribution	Construction	Other	Total [4]	Salaried officers of corporations	Manufacturing
							Salaried employees	Wage earners (average for year) [3]						Salaries
		INDUSTRY—continued												
	9	Excelsior	53	46	1,045	19	65	925	16	4	16	$913,256	$60,991	$111,138
	9	Explosives	80	7	8,315	25	776	7,242	57	209	6	13,721,116	130,987	2,193,151
	29	Fabricated plastic products, not elsewhere classified	216	71	17,956	293	1,788	15,094	610	164	4	24,289,146	1,441,150	3,495,667
4	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	1,148	560	44,800	1,436	5,165	35,477	2,601	88	33	69,426,368	6,335,877	10,168,515
	20	Feathers, plumes, and artificial flowers	314	283	7,723	203	327	6,650	539	4		6,521,657	764,869	391,888
	3	Felt goods, wool, hair, and jute (except woven felts and hat bodies and hats)	37	14	3,770	33	321	3,346	70			4,870,232	196,684	654,053
	4	Fertilizers	764	219	24,081	511	2,155	18,744	2,386	217	68	23,435,322	1,791,894	3,457,367
		Fiber cans, tubes, and similar products	116	40	7,790	109	655	6,637	372	8	9	9,657,697	547,706	1,272,200
	14	Files	22	5	3,728	27	343	3,205	104	49		4,908,816	124,477	708,138
		Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	151	68	8,123	188	511	6,909	513	1	1	8,676,120	905,288	721,464
	14	Firearms	23	7	6,061	28	753	5,001	157	113	9	8,806,827	180,055	1,323,567
12	9	Fire extinguishers, chemical	28	9	1,452	27	284	995	146			2,256,757	136,893	565,381
	9	Fireworks	59	20	1,394	23	135	1,158	30	9	7	1,511,569	240,286	214,471
4	9	Fish and other marine oils, cake, and meal	76	17	1,806	92	139	1,523	38	14		2,150,222	540,419	209,385
3	13	Flat glass	37		18,638	26	1,493	16,739	62	318		28,160,934	127,322	3,584,521
	1	Flavoring extracts and flavoring sirups, not elsewhere classified	477	221	6,950	440	904	3,589	1,931	35	51	12,299,959	2,806,532	1,674,009
17	13	Floor and wall tile (except quarry tile)	49	19	6,434	69	420	5,681	237	21	6	7,523,378	327,775	686,069
18	1	Flour and other grain-mill products	2,143	1,913	35,978	1,131	4,417	24,771	4,895	387	377	49,374,893	4,711,539	7,806,429
19	1	Food preparations, not elsewhere classified	1,007	759	19,484	655	1,659	13,120	3,887	55	108	23,232,337	3,198,136	2,904,534
20	17	Food-products machinery	379	139	20,007	546	2,954	13,979	2,419	31	78	32,497,864	3,158,913	5,714,673
21	12	Footwear (except rubber)	1,070	237	236,545	1,549	12,540	218,028	4,189	195	44	222,865,621	9,563,517	19,817,468
22	14	Forgings, iron and steel—made in plants not operated in connection with rolling mills	207	40	18,043	329	1,689	15,372	474	131	48	30,123,958	2,373,457	3,849,710
23	10	Fuel briquets	32	9	494	13	60	410	11			644,696	25,190	115,259
24	4	Fur coats and other fur garments, accessories, and trimmings	2,175	2,376	17,329	1,652	1,158	13,111	1,405	3		33,434,509	5,667,537	1,970,178
25	20	Furs, dressed and dyed	145	91	6,015	235	315	5,115	325	25		11,960,167	1,250,900	902,129
26	14	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	83	30	1,459	77	120	1,212	47	3		2,179,776	509,403	243,456
27	20	Games and toys (except dolls and children's vehicles)	343	217	18,251	340	1,402	15,610	871	28		18,268,523	1,909,638	2,176,959
28	8	General commercial (job) printing	9,595	8,216	126,059	5,821	14,504	96,039	9,543	142	10	200,064,264	23,807,713	24,966,055
29	2	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	491	153	96,324	736	20,618	70,401	3,643	421	505	164,254,954	5,617,784	44,457,168
30	13	Glass containers	77	1	29,357	132	2,785	25,753	552	118	17	43,022,557	1,340,843	5,723,717
	9	Glue and gelatin	80	24	3,973	94	501	3,039	231	100	8	6,605,228	712,908	1,094,499
32	15	Gold and silver leaf and foil	26	30	688	13	51	563	60		1	800,198	105,762	95,828
	8	Gravure, rotogravure, and rotary photogravure (including preparation of plates)	24	5	3,114	36	367	2,623	82	6		7,191,590	305,871	1,136,331
34	14	Gray-iron and semisteel castings	1,161	551	65,459	1,261	4,578	58,428	962	144	86	88,374,243	6,025,302	9,318,185
35	4	Grease and tallow (except lubricating greases)	310	231	6,536	247	595	5,201	324	136	33	9,596,161	1,079,936	1,096,351
36	8	Greeting cards (except hand-painted)	109	70	9,983	137	1,405	7,522	904	15		12,266,714	1,391,382	1,956,955
	9	Gum naval stores (processing but not gathering or warehousing)	755	836	1,892	71	808	971	28	13	1	856,138	129,077	362,269
38	13	Gypsum products	68	1	5,863	25	667	4,936	82	132	21	8,540,550	101,040	1,365,079
39	20	Hair work	42	36	393	25	22	322	24			418,532	100,403	28,124
40	4	Handkerchiefs—made in contract factories	20	13	1,132	14	13	1,105				766,142	50,952	22,008
41	4	Handkerchiefs—made in inside factories or by jobbers engaging contractors	60	28	4,303	60	183	3,734	309	1	16	3,808,174	430,803	283,755
42	20	Hand stamps, stencils, and brands	289	217	3,333	217	331	2,211	568	6		4,696,867	832,881	507,949
43	14	Hardware not elsewhere classified	434	178	43,453	658	4,307	35,645	2,713	123	7	57,605,724	4,460,618	7,484,806
44	9	Hardwood distillation and charcoal manufacture	43	17	2,091	34	211	1,770	19	55	2	2,090,418	91,566	361,292
45	4	Hat and cap materials; trimmings, etc	55	36	940	45	54	796	44		1	1,057,206	172,279	74,470
46	3	Hat bodies and hats, fur-felt	43	6	11,182	82	748	9,928	251	33	140	15,078,264	654,242	1,529,782
47	3	Hat bodies and hats, wool-felt	12	9	4,755	18	262	4,421	41	13		4,902,930	90,779	478,579
48	3	Hats, straw	11	2	531	12	26	488	10	1		537,057	52,632	29,086
49	3	Hatters' fur	37	25	2,082	39	122	1,893	28			2,145,118	258,427	240,007
50	14	Heating and cooking apparatus, except electric, not elsewhere classified	148	66	3,927	152	460	2,919	381	4	11	2,658,865	681,579	769,304
51	3	Hosiery—full-fashioned	499	176	103,902	639	3,840	97,200	1,891	247	85	117,443,136	4,161,384	7,472,935
52	3	Hosiery—seamless	433	208	65,353	501	2,470	61,852	419	64	47	48,873,410	2,360,764	3,843,662
53	13	Hotel china	17		4,798	49	267	4,350	111	18	3	5,715,529	261,524	519,609
54	4	House dresses, uniforms, and aprons—made in contract factories	255	255	11,277	74	198	10,961	25	4	15	6,829,333	149,714	268,216

See footnotes at end of table.

INDUSTRY GROUPS AND BY INDUSTRIES: 1939—Continued

Manufacturing—Con.	SALARIES AND WAGES—continued				COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK				Value of products [4, 5]	Value added by manufacture [6]	
Wages	Distribution	Construction	Other	Total [4, 5]	Materials and supplies	Fuel	Purchased electric energy	Contract work			
$700,246	$23,715	$3,780	$13,386	$1,381,747	$1,305,756	$41,316	$34,336	$339	$2,987,285	$1,605,538	1
10,964,498	140,248	287,763	4,469	26,860,347	25,178,879	1,020,805	660,663	----------	71,053,206	44,192,859	2
17,688,104	1,390,052	260,354	13,819	31,747,085	29,881,056	781,006	840,562	244,461	71,904,067	40,156,982	3
47,549,506	5,205,236	113,751	53,483	172,437,165	167,783,521	1,029,608	1,952,758	1,671,278	284,669,659	112,232,494	4
4,582,411	778,309	4,180	----------	7,424,281	7,238,742	44,807	97,779	42,953	18,503,971	11,079,690	5
3,856,988	162,507	----------	----------	13,048,313	12,447,341	360,855	240,117	(7)	23,573,823	10,525,510	6
13,678,397	4,191,260	224,845	91,559	128,629,745	126,325,685	589,173	1,696,510	18,377	185,684,328	57,054,583	7
6,962,529	849,550	16,157	9,555	13,952,397	13,210,251	464,672	247,613	29,861	33,345,334	19,392,937	8
3,838,520	165,664	72,017	----------	2,452,888	2,124,262	228,868	92,444	7,314	11,293,946	8,841,058	9
6,207,422	840,082	1,110	754	19,949,437	18,764,078	168,155	147,315	869,889	33,240,221	13,290,784	10
6,846,317	270,888	175,030	10,970	3,052,556	2,554,540	251,331	184,591	62,094	17,711,651	14,659,095	11
1,273,055	256,428	25,000	----------	4,704,634	4,613,997	32,474	51,769	6,394	9,228,416	4,523,782	12
987,446	56,110	8,700	4,556	1,852,715	1,763,767	63,859	25,089	----------	4,628,181	2,775,466	13
1,307,934	80,524	11,960	----------	8,907,314	8,451,860	361,762	90,577	3,115	13,622,312	4,714,998	14
24,008,619	190,726	249,746	----------	33,848,867	28,015,297	4,376,128	1,446,549	10,893	102,389,012	68,540,145	15
3,764,360	3,926,985	46,905	81,168	50,167,843	49,671,293	258,195	234,600	3,755	139,901,840	89,733,997	16
5,931,149	544,935	27,992	5,458	5,142,384	3,958,115	925,425	256,067	2,777	17,658,885	12,516,501	17
28,369,796	7,590,353	507,034	389,742	506,061,519	497,474,371	2,256,405	6,226,425	104,318	649,943,088	143,881,569	18
11,180,773	5,730,325	97,281	121,288	106,234,268	104,519,708	990,461	677,996	46,103	172,459,397	66,225,129	19
18,936,642	4,548,476	33,503	105,657	31,949,526	30,363,802	493,483	592,165	500,076	90,840,544	58,891,018	20
183,657,529	9,556,540	195,078	75,489	388,439,102	383,343,831	1,246,180	2,765,678	1,083,413	734,673,111	346,234,009	21
22,652,054	1,012,614	179,914	56,209	51,973,575	46,244,315	3,763,186	1,419,432	546,642	104,883,196	52,909,621	22
484,719	19,528	----------	----------	3,570,907	3,319,560	87,838	162,515	994	5,287,282	1,716,375	23
23,403,321	2,392,313	1,160	----------	107,751,912	105,535,535	39,163	372,347	1,804,867	168,031,656	60,279,744	24
9,065,676	702,650	38,812	----------	4,858,416	4,401,439	102,191	249,901	104,885	22,395,325	17,536,909	25
1,342,647	78,610	5,660	----------	2,512,630	2,273,541	161,067	67,430	10,592	6,195,640	3,683,010	26
12,656,729	1,486,561	38,636	----------	24,909,824	24,196,954	280,537	365,202	67,131	55,400,894	30,491,070	27
132,944,964	18,008,248	300,951	36,333	191,733,637	167,372,510	1,627,597	4,991,944	17,741,586	515,435,609	323,701,972	28
104,083,541	8,553,674	767,336	775,451	187,326,472	180,975,920	3,065,396	2,933,020	352,136	470,462,442	283,135,970	29
34,181,498	1,580,383	172,382	23,734	59,893,331	47,718,907	9,331,905	2,770,049	72,470	158,271,647	98,378,316	30
3,941,588	687,202	162,272	6,759	18,793,755	17,025,910	1,592,196	174,056	1,593	34,331,639	15,537,884	31
469,577	127,009	----------	2,022	1,095,785	1,062,992	9,935	15,508	7,350	2,108,990	1,013,205	32
5,436,278	301,196	11,914	----------	7,243,336	6,006,569	74,279	214,656	947,832	18,614,837	11,371,501	33
70,757,944	1,920,797	183,599	168,416	78,971,925	67,296,655	7,548,003	3,429,599	697,668	209,719,754	130,747,829	34
6,508,509	657,464	206,599	47,302	38,114,978	36,090,429	1,360,269	640,132	24,148	58,226,218	20,111,240	35
7,264,165	1,634,502	19,710	----------	15,490,146	10,380,777	45,683	153,248	4,910,438	39,715,439	24,225,293	36
333,833	28,003	2,706	250	13,395,945	13,189,788	183,307	11,023	11,827	17,361,933	3,965,988	37
6,665,759	173,179	216,833	18,660	16,694,454	13,966,634	1,444,346	1,283,054	420	46,241,980	29,547,526	38
260,723	29,282	----------	----------	738,996	719,213	3,085	5,720	10,978	1,401,105	662,109	39
693,182	----------	----------	----------	164,811	137,071	1,124	14,952	11,664	1,182,047	1,017,236	40
2,627,303	454,047	845	11,421	13,834,573	12,026,687	29,153	42,018	1,736,715	20,419,116	6,584,543	41
2,615,029	731,183	9,825	----------	3,204,438	3,003,748	54,119	88,134	58,437	10,811,835	7,607,397	42
40,220,860	5,266,525	165,376	7,539	60,772,244	57,581,226	1,498,356	1,292,146	400,516	154,475,928	93,703,684	43
1,530,675	52,550	52,364	1,971	3,928,214	3,151,638	705,683	65,533	5,360	6,843,172	2,914,958	44
743,134	66,603	----------	720	2,940,292	2,812,164	2,355	22,968	102,805	4,687,304	1,747,012	45
11,837,057	947,121	52,163	57,899	16,987,854	16,052,725	626,399	183,452	125,278	39,500,929	22,513,075	46
4,210,354	102,181	21,037	----------	8,173,832	7,912,345	177,816	83,671	----------	16,009,816	7,835,984	47
438,470	16,164	705	----------	726,920	715,955	1,460	9,505	----------	1,549,107	822,187	48
1,579,033	67,651	----------	----------	7,255,705	7,071,696	98,184	59,570	26,255	10,956,246	3,700,541	49
3,507,970	685,509	1,087	13,416	8,804,884	8,500,005	98,798	129,805	76,276	20,329,879	11,524,995	50
100,774,988	4,553,376	382,597	97,856	121,122,941	112,328,877	1,158,060	2,032,577	5,603,427	277,170,371	156,047,430	51
41,862,208	701,353	62,338	43,085	66,575,220	63,342,174	857,616	880,966	1,494,464	138,665,487	72,090,267	52
4,639,398	267,372	24,850	2,776	1,706,993	1,202,435	420,982	82,932	644	9,359,660	7,652,667	53
6,368,350	27,332	5,161	10,560	489,639	293,021	33,384	142,405	2,829	9,251,940	8,762,301	54

TABLE 5.—GENERAL STATISTICS IN DETAIL, BY

	Group No.	INDUSTRY—ROLL AND INDUSTRY	Number of establishments	Proprietors and firm members	NUMBER OF PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] [2]							SALARIES AND WAGES		
					Total	Salaried officers of corporations	Manufacturing		Distribution	Construction	Other	Total [4]	Salaried officers of corporations	Manufacturing
							Salaried employees	Wage earners (average for year) [3]						Salaries
		INDUSTRY—continued												
1	4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	487	353	31,341	373	1,600	27,833	1,459	5	71	$24,459,959	$2,037,692	$2,284,433
2	4	Housefurnishings (except curtains, draperies, and bedspreads)	472	347	13,108	350	841	10,623	1,240	23	31	12,889,286	1,708,115	1,129,171
3	6	Household furniture, except upholstered	1,592	869	108,144	1,905	6,966	94,760	4,101	212	200	113,071,352	9,082,758	11,329,509
4	1	Ice cream and ices	2,734	1,816	36,023	1,269	3,489	15,711	14,068	470	1,016	50,628,902	5,211,081	5,449,690
5	1	Ice, manufactured	3,975	1,567	37,230	1,658	3,475	15,912	15,277	317	591	43,960,194	5,245,602	5,331,287
6	12	Industrial leather belting and packing leather	190	96	3,117	192	297	2,337	285	6	.....	4,941,253	756,615	585,795
7	17	Industrial machinery, not elsewhere classified	579	195	30,303	860	5,002	21,936	2,211	157	137	51,594,364	5,262,471	9,813,972
8	9	Insecticides, fungicides, and related industrial and household chemical compounds	774	298	9,423	743	1,360	5,017	2,208	55	40	15,556,764	3,478,631	2,610,078
9	16	Insulated wire and cable	79	15	19,233	118	2,480	15,696	700	126	113	26,788,368	930,787	5,497,320
10	17	Internal-combustion engines	74	13	19,962	160	3,529	14,752	1,382	105	34	83,321,655	1,325,949	7,537,207
11	15	Jewelers' findings and materials	82	49	3,412	94	306	2,818	289	4	6	4,790,440	791,128	618,979
12	20	Jewelry cases and instrument cases	132	106	6,073	98	430	5,127	810	58	.....	7,152,299	681,217	864,727
13	15	Jewelry (precious metals)	886	760	15,058	622	1,824	11,358	1,188	16	50	22,387,525	3,038,214	2,785,467
14	3	Jute goods (except felt)	22	4	4,017	34	336	3,586	37	24	.....	4,111,378	249,568	658,403
15	3	Knitted cloth	229	108	12,432	244	943	10,917	261	49	18	14,042,760	1,524,614	1,784,902
16	3	Knitted gloves	20	8	5,839	18	166	5,574	55	23	3	4,384,034	132,701	290,796
17	3	Knitted outerwear (except knit gloves)—contract factories	233	248	4,293	93	71	4,109	18	1	1	3,504,672	180,879	114,726
18	3	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	476	323	21,934	523	1,394	18,440	1,520	25	32	22,984,363	2,514,579	2,155,731
19	3	Knitted underwear	199	51	42,364	344	2,161	38,536	1,228	64	31	36,163,017	2,449,711	3,650,106
20	6	Laboratory, hospital, and other professional furniture	82	49	3,845	101	396	2,982	362	2	2	5,386,208	519,021	806,606
21	3	Lace goods	63	25	8,341	96	703	7,254	279	9	.....	10,791,794	675,195	1,268,071
22	20	Lamp shades	128	101	3,105	88	162	2,671	179	5	.....	2,474,304	322,633	207,401
23	15	Lapidary work	90	132	317	18	20	267	8	.....	4	490,366	49,950	26,328
24	6	Lasts and related products	48	15	1,848	48	185	1,519	93	3	.....	2,849,571	246,156	362,534
25	17	Laundry equipment, domestic	42	6	9,610	89	1,095	7,466	849	59	52	13,890,421	622,649	1,952,851
26	12	Leather gloves and mittens	233	225	11,123	191	572	9,995	336	9	20	9,416,347	714,211	760,998
27	12	Leather goods not elsewhere classified	160	145	2,863	94	137	2,462	167	1	2	2,938,855	417,262	200,587
28	12	Leather: tanned, curried, and finished—contract factories	111	61	5,954	147	320	5,457	30	.....	.....	7,609,003	752,273	593,759
29	12	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	335	89	45,638	449	2,800	41,795	461	133	.....	61,657,237	8,852,326	6,015,143
30	15	Lighting fixtures	568	346	25,686	650	2,416	20,477	1,999	12	132	35,757,741	3,709,681	4,604,120
31	13	Lime	269	109	10,917	184	750	9,458	302	205	18	11,916,480	672,438	1,361,167
32	3	Linen goods	9	1	1,886	8	117	1,735	24	.....	2	1,842,564	60,700	247,614
33	3	Linoleum, asphalted-felt-base and other hard-surface floor coverings, not elsewhere classified	17	.....	8,301	26	640	7,028	555	52	.....	13,504,811	335,613	1,324,962
34	9	Linseed oil, cake, and meal	25	4	2,388	6	238	2,120	16	6	2	3,782,486	47,215	482,398
35	1	Liquors, distilled	135	5	5,752	131	900	4,091	246	167	217	8,258,731	690,910	1,616,336
36	1	Liquors, rectified or blended	148	16	4,235	106	886	2,818	406	4	15	6,353,396	687,815	1,484,461
37	8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	749	278	34,722	1,179	3,966	26,000	3,464	78	35	62,178,985	7,331,679	7,985,605
38	19	Locomotives (including frames) and parts: railroad, mining, and industrial	15	4	8,310	24	1,465	6,470	311	37	3	13,813,435	173,913	3,220,689
39	5	Logging camps and logging contractors (not operating sawmills)	967	1,062	24,464	170	757	22,785	89	538	125	25,713,378	700,091	1,409,518
40	9	Lubricating oils and greases—not made in petroleum refineries	232	75	4,183	247	703	2,128	1,035	37	33	7,648,324	1,263,091	1,428,134
41	1	Macaroni, spaghetti, vermicelli, and noodles	328	311	8,140	285	519	6,013	1,126	23	174	9,351,393	1,217,386	774,795
42	8	Machine and hand typesetting (including advertisement typesetting)	641	538	8,100	483	892	6,244	480	1	.....	14,995,489	2,063,530	1,576,325
43	17	Machine-shop products not elsewhere classified	2,125	1,216	79,399	2,162	10,494	60,717	5,141	337	548	125,651,864	12,202,643	19,404,075
44	17	Machine-shop repairs	1,459	1,455	10,928	512	962	9,176	238	3	37	15,568,342	1,410,910	1,468,769
45	17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	954	609	31,542	1,023	3,234	25,161	1,746	117	261	58,679,346	6,180,926	6,808,217
46	17	Machine tools	200	19	47,675	495	7,725	36,624	2,050	320	461	90,776,404	5,099,246	16,546,460
47	14	Malleable-iron castings	83	2	20,186	170	1,658	18,041	246	65	6	26,415,115	1,047,601	3,142,715
48	1	Malt	52	2	1,902	50	231	1,459	77	68	17	4,136,702	677,132	588,471
49	1	Malt liquors	605	40	61,185	1,216	4,607	36,088	17,424	735	1,115	122,264,690	9,657,007	10,441,516
50	6	Matches	28	3	5,940	23	395	5,426	93	1	2	6,708,035	140,394	746,238
51	6	Mattresses and bedsprings	947	777	23,062	643	2,002	18,342	2,005	9	61	29,263,956	2,891,091	3,314,500
52	17	Measuring and dispensing pumps	38	7	7,395	66	1,050	5,054	1,124	50	51	11,952,529	555,519	1,984,468
53	17	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	68	16	8,556	95	1,229	6,692	497	15	28	13,102,996	698,648	2,410,520
54	1	Meat packing, wholesale	1,478	1,190	168,108	1,440	15,627	119,853	28,459	1,437	1,292	255,561,747	8,979,631	31,101,362
55	17	Mechanical power-transmission equipment	218	60	37,363	380	4,352	30,268	2,124	94	145	61,199,554	3,482,635	9,012,492

See footnotes at end of table.

INDUSTRY GROUPS AND BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES—continued				COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Manufacturing—Con. Wages	Distribution	Construction	Other	Total [4, 5]	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products [4, 5]	Value added by manufacture [6]	
$17,637,610	$2,417,055	$6,516	$76,653	$64,683,482	$57,688,303	$76,359	$377,107	$6,541,713	$104,446,282	$39,762,800	1
8,059,340	1,921,014	40,987	30,659	43,972,843	42,906,804	107,547	273,286	685,206	67,521,325	23,548,482	2
83,998,671	8,141,137	202,725	316,552	155,192,498	149,983,568	2,024,627	2,704,285	480,018	328,629,913	173,437,415	3
17,344,036	20,423,235	712,637	1,488,223	145,924,115	138,691,316	1,719,225	5,501,532	12,042	285,806,781	139,882,666	4
17,691,894	14,625,872	303,878	561,661	26,010,218	6,237,042	3,791,017	15,971,83	10,576	130,166,312	104,156,094	5
2,860,652	725,364	9,115	3,712	13,596,416	13,374,701	99,698	100,486	21,531	24,410,104	10,813,688	6
31,178,421	4,916,370	250,811	172,319	52,964,472	49,918,956	992,201	1,358,719	694,596	140,628,049	87,663,577	7
5,393,213	3,930,054	102,387	42,401	44,375,652	43,277,425	511,498	404,936	181,793	93,443,777	49,068,125	8
18,637,729	1,355,695	204,169	162,668	70,124,571	67,898,210	783,776	1,061,874	380,711	120,390,050	50,265,479	9
21,503,252	2,721,963	125,859	107,425	53,455,778	51,532,540	1,101,400	324,002	497,836	110,357,964	56,902,186	10
2,974,875	392,444	8,226	4,788	14,493,387	14,129,559	61,818	116,579	185,431	22,488,960	7,995,573	11
4,691,283	853,508	61,564	----------	6,478,978	6,243,778	50,253	127,285	57,662	16,670,434	10,191,456	12
14,243,142	2,247,727	29,003	43,972	34,596,938	33,046,756	108,159	252,323	1,189,700	71,418,667	36,821,729	13
3,118,291	68,368	16,808	----------	7,783,357	7,434,806	143,416	205,135	(7)	16,897,414	9,114,057	14
10,165,641	494,999	59,289	13,315	44,205,633	41,480,312	721,430	555,948	1,447,943	68,662,722	24,457,089	15
3,839,330	97,196	21,131	2,880	4,998,466	4,693,309	54,097	32,951	218,109	12,385,831	7,387,365	16
3,197,994	9,223	900	950	769,150	569,506	39,637	125,844	34,163	6,549,610	5,780,460	17
15,518,406	2,695,034	54,574	46,039	58,110,871	51,227,179	201,017	424,554	6,258,121	97,641,147	39,530,276	18
27,404,769	2,507,679	112,216	38,536	61,614,201	59,216,757	846,682	563,636	987,126	113,353,402	51,739,201	19
3,350,765	704,915	2,913	2,988	6,313,529	5,981,053	80,118	100,411	151,947	14,655,180	8,341,651	20
8,106,909	728,663	12,956	----------	8,784,613	8,227,824	341,116	89,007	126,666	24,137,550	15,352,937	21
1,715,155	221,056	8,059	----------	4,384,442	4,315,008	7,881	33,888	27,665	8,375,706	3,991,264	22
390,556	19,894	----------	3,638	3,755,337	3,705,723	857	8,466	40,291	5,128,926	1,373,589	23
1,995,127	239,916	5,838	----------	2,026,266	1,897,188	30,663	87,349	11,066	6,672,100	4,645,834	24
9,277,024	1,873,806	102,919	61,172	36,365,346	35,706,872	281,419	371,170	5,885	61,601,221	25,235,875	25
7,408,682	499,512	10,200	22,744	13,762,985	12,574,808	69,196	83,503	1,035,478	26,830,856	13,067,871	26
2,087,363	228,275	2,340	3,028	4,240,886	4,120,208	18,488	49,216	52,974	8,911,482	4,670,596	27
6,212,934	50,037	----------	----------	6,302,515	5,461,629	452,496	229,986	158,404	16,709,502	10,406,987	28
50,570,248	1,043,763	175,757	----------	222,741,041	211,063,678	3,497,296	1,510,900	6,669,167	329,728,052	106,987,011	29
23,238,474	3,947,721	18,661	239,084	59,850,505	57,869,697	627,286	999,083	354,439	124,581,725	64,731,220	30
9,068,627	527,470	244,634	42,144	13,705,840	7,208,218	5,033,194	1,443,490	20,938	36,971,171	23,265,331	31
1,496,185	36,581	----------	1,484	3,350,611	3,224,041	77,508	49,062	(7)	6,297,642	2,947,031	32
10,405,841	1,350,591	87,804	----------	28,369,104	26,979,664	813,601	547,740	28,099	69,874,978	41,505,874	33
3,193,158	40,473	16,128	3,114	56,456,099	55,679,329	383,927	392,843	----------	68,011,767	11,555,668	34
4,884,598	492,541	196,715	377,631	28,383,830	26,083,762	1,888,203	401,620	10,245	56,080,135	27,696,365	35
3,215,970	934,727	8,360	22,063	28,244,679	27,981,346	129,905	133,428	----------	49,143,605	20,898,926	36
37,929,201	8,713,536	155,446	63,518	57,686,434	49,350,263	525,371	1,170,758	6,640,042	154,394,787	96,708,353	37
9,656,650	683,291	75,892	3,000	25,926,789	24,827,867	765,511	230,574	102,837	47,425,590	21,498,801	38
22,703,068	134,802	622,345	143,554	28,164,565	20,362,098	1,581,114	19,719	6,201,634	69,620,906	41,456,341	39
2,713,225	2,165,059	49,033	29,782	28,930,504	28,250,108	455,955	207,897	16,544	49,056,857	20,126,353	40
5,383,421	1,739,332	60,388	176,071	26,929,121	25,764,918	302,661	797,445	64,097	46,153,471	19,224,350	41
10,424,914	927,871	2,849	----------	3,052,076	2,211,510	111,441	316,427	412,698	25,096,497	22,044,421	42
81,659,539	10,967,216	477,095	941,296	141,492,964	132,786,360	3,169,747	3,847,661	1,689,196	360,334,229	218,841,265	43
12,273,448	384,318	4,684	26,213	10,997,646	10,071,811	285,093	579,741	61,001	38,166,267	27,168,621	44
41,346,606	3,820,100	188,495	335,002	31,410,211	28,159,768	637,315	1,511,472	1,101,656	125,630,124	94,219,913	45
62,333,150	5,603,332	519,257	674,959	63,866,133	59,940,248	1,109,910	1,507,801	1,308,174	218,044,728	154,178,595	46
21,555,489	575,484	86,698	7,128	17,950,681	14,055,843	2,773,387	1,030,498	90,953	53,450,770	35,500,089	47
2,593,142	193,709	46,998	37,260	39,295,774	37,321,880	1,345,639	628,255	----------	58,478,581	19,182,807	48
62,231,236	36,290,542	1,356,408	2,287,981	162,896,515	153,071,102	6,592,609	3,097,674	135,130	526,076,938	363,180,423	49
5,597,503	218,900	3,000	2,000	14,098,259	13,655,137	307,165	121,931	14,026	25,577,201	11,478,942	50
19,498,327	3,477,996	15,657	66,385	60,941,584	59,920,909	326,864	662,465	31,346	113,114,633	52,173,049	51
6,750,717	2,490,720	106,961	64,144	19,019,628	18,124,210	177,558	218,232	499,628	44,286,332	25,266,704	52
8,873,656	1,070,478	16,203	33,491	13,177,382	12,716,768	181,227	227,362	52,025	39,684,434	26,507,052	53
161,523,772	49,695,579	2,106,208	2,155,195	2,226,539,039	2,207,486,622	10,563,840	7,026,317	1,462,260	2,648,325,552	421,786,513	54
43,751,830	4,618,784	147,943	185,870	50,366,749	46,819,844	1,204,578	1,958,853	383,474	170,291,472	119,924,723	55

TABLE 5.—GENERAL STATISTICS IN DETAIL, BY

	Group	INDUSTRY AND LINE OF INDUSTRY	Number of establishments	Proprietors and firm members	NUMBER OF PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS[2]						SALARIES AND WAGES		
					Total	Manufacturing				Other	Total[1]	Salaried officers of corporations	Manufacturing
						Salaried officers of corporations	Salaried employees	Wage earners (average for year)[3]	Distribution	Construction			Salaries
		INDUSTRY—continued											
1	4	Men's and boys' hats and caps (except felt and straw)	270	318	3,909	128	197	3,383	188	3	10	$3,766,228	$366,904	$280,741
2	4	Men's and boys' shirts (except work shirts), collars, and nightwear made in contract factories	141	120	13,760	68	278	13,371	24	3	16	8,285,661	260,239	[illegible]
3	4	Men's and boys' shirts (except work shirts), collars, and nightwear made in inside factories or by jobbers engaging contractors	449	202	61,248	359	2,274	57,082	1,387	59	87	45,380,043	2,087,754	3,332,029
4	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	1,678	1,298	50,034	491	854	48,456	160	5	68	46,560,818	1,415,120	1,254,710
5	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	1,371	969	101,194	1,398	5,102	89,031	5,356	77	230	123,757,973	8,181,758	9,401,079
6	4	Men's and boys' underwear—made in contract factories	10	10	1,238	8	19	1,211				736,912	21,426	18,928
7	4	Men's and boys' underwear—made in inside factories or by jobbers engaging contractors	44	15	5,663	30	204	5,332	75	13	9	3,576,532	156,264	265,871
8	4	Men's neckwear—made in contract factories	34	37	946	6	17	917	6			607,904	32,212	22,063
9	4	Men's neckwear—made in inside factories or by jobbers engaging contractors	347	311	10,421	251	508	8,686	929	1	46	10,346,954	1,154,212	740,838
10	17	Metalworking machinery and equipment, not elsewhere classified	178	37	21,009	302	3,734	15,899	990	27	57	37,367,967	2,429,370	7,642,349
11	4	Millinery	1,050	670	29,260	1,081	1,674	24,298	2,143	3	61	36,692,673	4,200,084	2,754,881
12	13	Minerals and earths, ground or otherwise treated	237	39	6,970	197	654	5,858	174	81	6	8,336,637	820,806	1,261,354
13	13	Mineral wool	58	15	2,297	49	215	1,885	87	61		2,601,506	198,839	383,391
14	17	Mining machinery and equipment	65	17	6,901	114	1,093	4,940	708	20	26	10,644,810	738,840	2,188,455
15	6	Mirror frames and picture frames	182	122	3,951	161	262	3,220	307		1	4,626,763	656,143	395,923
16	13	Mirrors and other glass products made of purchased glass	557	369	12,195	472	930	10,012	720	20	41	15,168,351	1,744,957	1,550,920
17	20	Miscellaneous fabricated products not elsewhere classified	582	403	16,459	486	1,286	13,608	1,053	17	9	16,973,418	2,049,307	2,083,446
18	4	Miscellaneous fabricated textile products not elsewhere classified	300	213	7,300	251	586	5,852	557	36	18	7,965,278	1,186,835	930,323
19	20	Models and patterns (except paper patterns)	683	667	6,638	366	443	5,566	257	6		11,857,209	1,510,007	840,229
20	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	1,244	974	22,827	910	1,816	18,516	1,474	55	56	29,893,711	2,701,488	2,922,537
21	19	Motorcycles, bicycles, and parts	36	8	8,302	70	735	6,973	512	12		11,863,153	619,347	1,374,115
22	18	Motor vehicles, motor-vehicle bodies, parts and accessories	1,054	493	458,723	1,281	44,753	397,537	14,054	306	792	791,483,980	10,269,918	104,570,626
23	9	Mucilage, paste, and other adhesives, except glue and rubber cement	64	37	578	51	111	285	129		2	948,128	191,837	206,461
24	20	Musical instruments, parts, and materials not elsewhere classified	101	64	4,104	117	401	3,191	370	25		5,710,088	539,108	799,994
25	14	Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills	36	5	2,996	64	264	2,515	128	25		3,850,716	388,363	434,810
26	13	Natural graphite, ground and refined	6	2	88	4	14	56	14			163,142	31,683	38,490
27	20	Needles, pins, hooks and eyes, and slide and snap fasteners	58	12	13,537	86	1,632	10,403	922	494		18,183,881	898,431	2,897,591
28	8	Newspapers: publishing and printing	6,878	5,768	204,897	4,177	62,396	96,991	41,025	282	26	379,127,956	25,315,955	122,113,051
29	8	Newspapers: publishing without printing	431	246	2,532	184	1,665	260	423			3,252,593	460,796	1,899,302
30	1	Nonalcoholic beverages	4,504	3,530	54,994	2,827	4,739	21,265	25,357	210	596	76,831,849	11,862,603	7,446,711
31	13	Nonclay refractories	46	2	5,278	49	366	4,792	63	3	5	6,580,146	258,893	780,529
32	15	Nonferrous-metal foundries (except aluminum)	600	426	11,499	474	936	9,699	294	38	58	16,682,104	1,982,857	1,792,441
33	15	Nonferrous-metal products not elsewhere classified	438	225	30,594	536	3,322	24,834	1,395	344	163	48,993,295	3,820,896	6,727,011
34	17	Office and store machines, not elsewhere classified	123	26	44,144	197	5,811	36,204	1,693	167	72	67,676,777	1,943,881	11,830,254
35	6	Office furniture	152	64	14,921	230	1,392	11,776	1,306	45	172	19,978,611	1,211,809	2,432,785
36	14	Oil burners, domestic and industrial	130	32	2,723	173	541	1,498	501		10	4,588,075	791,146	863,141
37	17	Oil-field machinery and tools	223	93	16,815	241	2,297	12,524	1,545	160	48	28,940,301	1,802,143	4,841,908
38	1	Oleomargarine—not made in meat-packing establishments	18	1	1,709	26	234	984	442	8	15	2,896,387	257,969	708,349
39	20	Ophthalmic goods: lenses and fittings	91	32	13,497	148	1,958	10,252	963	160	16	19,270,860	1,282,990	3,409,696
40	20	Optical instruments and lenses	30	13	1,767	32	208	1,372	108	47		2,677,313	197,604	435,794
41	20	Organs	34	15	1,251	51	88	989	123			1,555,936	155,282	146,185
42	10	Oven coke and coke-oven byproducts	83		24,060	26	2,066	21,008	364	502	94	39,003,487	235,668	5,536,098
43	9	Paints, varnishes, and lacquers	1,166	386	38,154	1,439	5,826	22,334	8,095	166	294	70,395,207	9,038,114	11,968,838
44	7	Paper and paperboard mills	638	19	129,217	871	11,447	110,575	3,047	3,037	240	188,316,938	7,611,171	25,369,431
45	7	Paper bags, except those made in paper mills	119	19	12,703	140	896	11,081	509	67	10	14,933,981	1,332,305	1,673,734
46	7	Paperboard containers and boxes not elsewhere classified	1,338	497	75,376	1,763	5,845	62,530	4,852	326	60	95,873,427	10,841,974	10,749,106

See footnotes at end of table.

INDUSTRY GROUPS AND BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES—continued				COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Manufacturing—Con. Wages	Distribution	Construction	Other	Total [4]	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products [4, 5]	Value added by manufacture [6]	
$2,876,566	$224,671	$3,986	$13,360	$5,711,475	$5,477,034	$17,246	$81,729	$135,466	$11,605,495	$5,894,020	1
7,619,301	24,295	4,667	11,330	1,146,963	969,895	40,438	123,432	13,198	11,191,950	10,044,987	2
37,322,688	2,449,963	85,277	102,332	107,491,718	97,395,115	296,402	576,547	9,223,654	181,174,168	73,682,450	3
43,684,136	149,558	4,335	52,959	4,947,754	3,268,869	216,769	550,958	911,158	61,660,487	56,712,733	4
96,044,275	9,816,581	101,121	213,159	329,609,119	267,428,478	578,058	1,156,471	60,446,112	536,612,780	207,003,661	5
696,558	.....	.....	.....	181,789	168,117	2,694	10,978	.....	1,094,784	912,995	6
3,031,901	100,491	12,749	9,256	10,095,777	9,123,324	21,811	57,547	893,095	15,598,176	5,502,399	7
549,831	3,798	.....	.....	145,227	131,154	1,091	12,982	.....	987,713	842,486	8
6,796,109	1,626,361	1,430	28,004	26,451,969	25,414,788	22,749	133,662	880,770	45,404,814	18,952,845	9
25,089,052	2,116,452	32,773	57,971	34,749,908	32,921,067	628,282	790,152	410,407	98,975,454	64,225,546	10
26,059,759	3,599,516	3,891	74,542	48,235,584	47,106,145	170,105	659,327	300,007	105,600,643	57,365,059	11
5,749,781	389,495	108,000	7,201	14,659,619	12,234,117	990,770	1,263,361	171,371	38,903,146	24,243,527	12
1,820,727	131,918	66,631	.....	3,534,865	2,712,034	664,867	157,964	.....	8,237,553	4,702,688	13
6,276,899	1,391,066	8,907	40,643	15,374,068	14,766,445	298,202	239,390	50,031	33,558,909	18,184,841	14
3,064,776	509,138	.....	783	5,570,293	5,321,934	41,958	113,890	92,511	13,249,507	7,679,214	15
10,615,452	1,196,879	14,954	45,189	26,454,765	25,651,051	329,617	397,460	76,637	49,886,406	23,431,641	16
11,251,780	1,556,312	24,511	8,062	23,321,980	22,402,843	211,170	380,471	327,496	51,849,418	28,527,438	17
4,789,063	968,932	75,164	14,961	17,036,615	16,435,973	85,852	143,194	371,596	31,640,283	14,603,668	18
9,036,886	462,326	7,761	.....	4,228,241	3,831,346	100,242	222,966	73,687	22,329,056	18,100,815	19
21,999,696	2,134,597	80,330	55,063	25,286,612	21,733,201	547,380	2,232,389	773,642	75,811,785	50,525,173	20
8,973,875	875,269	20,547	.....	24,041,357	23,314,775	290,758	290,578	145,246	43,052,278	19,010,921	21
644,904,621	29,727,848	639,553	1,371,414	2,720,561,158	2,634,539,850	18,749,074	16,645,374	50,626,860	4,039,930,733	1,319,369,575	22
289,857	257,080	.....	2,893	2,141,221	2,072,451	28,961	39,777	32	4,168,855	2,027,634	23
3,917,243	622,329	31,414	.....	3,444,632	3,218,241	63,371	105,653	57,367	11,552,380	8,107,748	24
2,730,275	268,025	29,243	.....	5,836,150	5,534,809	116,288	182,132	2,921	12,907,854	7,071,704	25
65,530	27,439	.....	.....	851,893	838,544	5,266	8,083	.....	1,251,206	399,313	26
11,804,341	1,702,633	880,885	.....	13,484,971	12,751,117	181,663	270,952	281,239	38,155,126	24,670,155	27
164,355,044	66,594,277	704,144	45,485	227,177,331	202,310,974	2,651,478	7,205,049	15,009,830	898,225,000	671,047,669	28
363,445	529,050	.....	.....	5,314,630	427,902	9,009	25,893	4,851,826	11,963,611	6,648,981	29
20,344,719	36,120,502	271,425	785,889	153,935,249	149,677,814	1,500,842	2,632,748	123,845	365,778,930	211,843,681	30
5,316,179	193,683	26,070	4,792	11,598,114	9,001,970	2,135,179	455,935	5,030	26,906,439	15,308,325	31
12,210,365	560,999	71,974	63,468	28,703,313	26,873,748	1,009,099	562,854	257,612	55,636,898	26,933,585	32
34,751,402	3,100,625	418,339	175,022	62,004,698	57,843,152	1,271,295	1,570,801	1,319,450	141,765,939	79,761,241	33
49,981,728	3,497,468	329,512	93,934	29,142,772	27,736,558	643,936	609,234	153,044	150,170,237	121,027,465	34
13,674,150	2,284,395	56,585	318,887	22,569,905	21,678,204	445,039	362,618	84,044	54,750,091	32,180,186	35
1,893,283	1,032,383	.....	8,122	10,272,883	10,082,182	58,668	75,977	56,056	18,468,017	8,195,134	36
18,740,996	3,306,870	193,583	54,801	31,304,546	29,646,801	551,342	978,956	127,447	88,977,327	57,672,781	37
1,294,512	797,239	13,853	24,465	21,734,278	21,467,103	133,508	133,667	.....	34,101,757	12,367,479	38
12,246,003	2,074,537	237,745	19,889	14,209,313	13,574,877	340,477	278,719	15,240	44,954,653	30,745,340	39
1,847,767	149,894	46,254	.....	1,113,634	1,004,291	30,500	37,649	41,194	4,745,579	3,631,945	40
1,054,067	200,402	.....	.....	1,296,695	1,217,345	30,189	29,084	20,077	3,420,893	2,124,198	41
31,779,615	650,832	635,689	165,585	257,650,679	246,328,808	8,791,732	2,434,601	95,538	342,197,303	84,546,624	42
31,701,798	17,072,762	278,084	335,611	245,570,837	241,438,815	1,853,657	2,136,758	141,607	434,960,890	189,390,053	43
142,600,328	7,898,343	4,403,301	434,364	532,260,521	473,236,078	43,506,787	15,387,272	130,384	933,015,664	400,755,143	44
10,628,601	1,154,183	129,908	15,250	53,964,442	53,171,074	136,331	346,743	310,294	85,776,374	31,811,932	45
63,806,013	9,930,874	434,830	110,630	213,838,608	209,725,722	1,511,853	2,013,602	587,431	382,709,595	168,870,987	46

TABLE 5.—GENERAL STATISTICS IN DETAIL, BY

	Group	INDUSTRY GROUP AND INDUSTRY	Number of establishments	Number of persons employed in manufacturing establishments [1] [2]: Proprietors and firm members	Total	Salaried officers of corporations	Manufacturing: Salaried employees	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other	Salaries and wages: Total [4]	Salaried officers of corporations	Manufacturing: Salaries
		INDUSTRY—continued												
1	17	Paper-mill, pulp-mill, and paper-products machinery	99	28	7,258	192	1,206	5,409	411	26	14	$12,990,332	$1,605,548	$2,437,694
2	6	Partitions, shelving, cabinet work, and office and store fixtures	716	710	17,841	702	1,622	13,826	1,581	33	77	26,039,336	2,960,036	2,814,676
	10	Paving blocks and paving mixtures—asphalt, creosoted wood, and composition	231	35	3,193	113	389	2,437	222	29	3	4,494,084	541,928	738,745
4	20	Pencils (except mechanical) and crayons	40	12	4,977	81	469	3,779	602	46	.....	6,027,950	541,431	907,525
5	20	Pens, mechanical pencils, and pen points	70	39	6,323	86	512	4,463	1,250	12	.....	7,859,711	751,688	820,678
6	4	Perfumes, cosmetics, and other toilet preparations	539	201	15,614	571	1,669	10,363	2,911	36	64	21,717,088	4,080,481	2,866,980
7	8	Periodicals, publishing and printing	600	250	34,718	637	7,459	20,985	5,501	112	24	60,033,717	3,967,234	14,080,609
8	8	Periodicals, publishing without printing	1,958	532	27,254	1,859	15,141	436	9,816	.....	2	59,350,698	11,111,074	27,660,563
9	10	Petroleum refining	485	109	100,972	335	14,407	72,840	2,513	10,175	702	190,547,331	2,112,748	36,069,048
10	8	Photoengraving, not done in printing establishments (including preparation of plates)	694	384	13,747	981	1,626	9,207	1,928	3	2	35,019,183	4,880,820	3,140,030
11	20	Photographic apparatus and materials and projection equipment (except lenses)	160	79	24,497	181	4,238	17,271	1,062	1,686	59	40,880,446	1,222,938	9,545,127
12	20	Piano and organ parts and materials	23	2	1,501	38	98	1,315	45	5	.....	1,944,840	213,138	243,737
13	20	Pianos	35	4	5,987	48	464	5,311	158	6	.....	7,613,404	243,302	867,950
14	1	Pickled fruits and vegetables and vegetable sauces and seasonings	377	261	12,194	294	822	9,908	1,109	34	27	11,740,305	1,173,288	1,397,756
15	5	Planing mills not operated in conjunction with sawmills	3,076	2,042	76,242	2,201	5,861	62,838	4,783	145	414	88,418,374	8,087,811	9,478,127
16	9	Plastic materials	38	1	10,080	44	2,017	6,966	429	612	12	16,916,989	503,226	4,254,643
17	5	Plywood mills	86	24	10,597	142	514	9,805	92	28	16	11,942,712	683,537	967,264
18	13	Porcelain electrical supplies	42	7	6,897	72	631	6,018	131	44	1	8,769,011	564,701	1,253,088
19	13	Pottery products not elsewhere classified	151	105	6,972	161	450	6,054	286	16	5	8,549,161	781,954	793,839
20	1	Poultry dressing and packing, wholesale	765	550	16,731	188	1,235	14,506	687	19	96	11,955,717	623,545	1,759,825
21	14	Power boilers and associated products	448	199	25,509	661	4,046	18,888	1,882	21	11	40,337,636	3,277,693	7,928,343
22	1	Prepared feeds (including mineral) for animals and fowls	1,383	981	24,177	794	2,747	15,401	4,761	243	231	31,803,464	3,875,937	4,436,823
23	1	Preserves, jams, jellies, and fruit butters	171	79	4,774	153	393	3,717	447	23	41	5,289,747	700,062	621,931
24	15	Primary smelting and refining of nonferrous metals	63	1	32,906	16	3,701	27,630	14	659	886	49,822,601	142,496	8,913,869
25	9	Printing ink	206	41	4,376	200	885	2,572	698	7	14	9,073,056	1,356,652	2,136,495
26	17	Printing-trades machinery and equipment	231	93	13,139	261	2,002	9,376	1,376	20	104	23,480,578	1,816,454	4,178,695
27	3	Processed waste and recovered wool fibers—contract factories	27	9	693	25	46	619	3	.....	.....	742,794	99,705	74,001
28	3	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	126	54	4,990	171	387	4,225	189	18	.....	5,424,661	1,000,986	631,290
29	20	Professional and scientific instruments (except surgical and dental)	218	110	13,866	262	2,715	9,429	1,165	84	211	24,319,640	1,901,420	5,466,706
30	6	Public-building furniture	106	48	7,062	141	777	5,900	228	10	6	9,058,119	630,370	1,298,801
31	7	Pulp goods (pressed, molded)	14	4	856	18	75	701	62	.....	.....	1,080,929	86,531	103,494
32	7	Pulp mills	194	2	30,613	65	2,314	26,870	36	1,120	208	40,866,247	635,481	5,243,830
33	17	Pumping equipment and air compressors	337	113	27,187	491	4,374	19,180	2,831	130	181	43,266,655	2,870,775	8,290,311
34	1	Quick-frozen foods	36	10	2,825	19	122	2,640	38	3	3	1,995,416	110,881	169,911
35	16	Radios, radio tubes, and phonographs	224	62	55,924	361	7,391	43,508	3,901	640	123	75,606,501	3,013,462	14,836,322
36	4	Raincoats and other waterproof garments (except oiled cotton)	76	50	2,728	72	151	2,323	179	.....	3	2,673,412	310,167	250,352
37	6	Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets	47	32	1,631	56	101	1,377	96	.....	1	1,510,977	301,397	153,923
38	9	Rayon and allied products	30	.....	55,471	36	5,230	48,332	207	1,380	286	75,247,622	604,051	11,689,302
39	3	Rayon broad woven goods—contract factories	79	42	4,574	77	169	4,313	15	.....	.....	3,575,757	210,374	238,799
40	3	Rayon broad woven goods—regular factories or jobbers engaging contractors	196	36	68,296	228	2,405	65,432	222	.....	9	60,129,705	1,713,319	4,310,258
41	3	Rayon narrow fabrics	120	65	6,931	113	506	5,999	302	6	5	6,454,834	541,691	774,673
42	3	Rayon throwing and spinning—contract factories	32	15	2,546	21	95	2,423	7	.....	.....	1,738,790	98,558	134,163
43	3	Rayon yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	52	11	6,385	62	338	5,930	50	5	.....	4,939,758	331,768	495,148
44	11	Reclaimed rubber	10	.....	1,282	16	96	1,072	31	62	5	1,969,617	159,000	227,207
45	17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	309	156	43,174	388	4,615	35,160	2,627	201	183	65,774,100	2,326,447	9,465,047
46	1	Rice cleaning and polishing	72	28	3,218	83	509	2,346	213	13	54	3,094,104	323,647	828,704
47	4	Robes, lounging garments, and dressing gowns	264	237	8,716	191	527	7,377	572	3	46	8,280,452	811,786	772,043
48	10	Roofing, built-up and roll, asphalt shingles; roof coating (except paint)	129	38	10,174	68	1,001	8,048	900	145	12	14,660,259	548,302	2,094,215

See footnotes at end of table.

INDUSTRY GROUPS AND BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES—continued				COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Manufacturing—Con. Wages	Distribution	Construction	Other	Total [4, 5]	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products [4, 5]	Value added by manufacture [6]	
$7,775,242	$1,105,540	$51,736	$14,572	$12,727,445	$12,141,188	$250,505	$254,034	$81,718	$32,419,924	$19,692,479	1
17,735,228	2,407,947	54,416	67,033	30,506,708	29,183,376	311,656	589,538	422,138	70,718,293	40,211,585	2
2,681,421	492,589	33,645	2,756	19,026,756	17,741,684	833,741	313,267	138,064	32,754,308	13,727,552	3
3,434,391	1,070,242	74,361	----------	7,279,439	6,800,091	182,885	110,143	186,320	15,859,756	8,580,317	4
4,328,516	1,938,611	20,218	----------	8,699,959	8,430,115	56,671	110,119	103,054	24,880,890	16,180,931	5
9,643,540	4,993,793	42,937	89,357	58,509,926	57,845,560	200,206	265,234	198,926	147,465,585	88,955,659	6
33,002,502	8,767,519	197,813	18,040	57,632,808	49,651,748	607,509	871,503	6,502,048	202,015,136	144,382,328	7
550,099	20,027,972	----------	900	116,664,127	38,866,772	26,264	122,843	77,648,248	266,831,618	150,167,491	8
128,214,055	4,589,704	18,405,560	1,156,216	1,933,264,243	1,861,671,143	58,479,092	10,904,378	2,209,630	2,461,126,549	527,862,306	9
22,568,156	4,423,202	5,317	1,658	7,361,670	5,855,276	110,333	570,316	825,745	55,619,445	48,257,775	10
25,286,669	1,812,046	2,869,829	143,840	42,556,269	40,528,150	1,083,122	684,075	260,922	133,899,429	91,343,160	11
1,430,642	48,362	8,961	----------	1,927,298	1,829,883	56,299	40,291	825	4,771,563	2,844,265	12
6,123,348	367,500	11,304	----------	10,124,236	9,815,904	213,142	94,651	539	20,493,110	10,368,874	13
7,393,306	1,679,741	50,247	45,967	42,618,673	41,888,112	454,554	276,007	(7)	72,637,388	30,018,715	14
62,815,065	7,447,338	189,945	400,088	177,734,772	172,448,263	1,099,516	3,134,639	1,052,354	320,613,516	142,878,744	15
9,839,935	1,248,324	1,049,064	21,797	40,563,524	38,332,809	1,396,547	654,237	179,931	77,653,314	37,089,790	16
9,942,874	276,690	57,914	14,433	18,324,679	17,587,282	141,341	533,493	62,563	38,878,932	20,554,253	17
6,530,168	321,110	98,993	951	7,144,220	6,219,375	666,796	244,811	13,238	20,817,045	13,672,825	18
6,398,313	547,824	22,983	4,248	3,817,600	2,800,578	756,838	239,348	20,836	16,593,344	12,775,744	19
8,645,247	816,654	18,705	91,741	114,742,997	113,844,884	342,441	555,672	(7)	138,318,081	23,575,084	20
25,298,161	3,783,037	39,918	10,484	70,654,747	66,695,297	996,683	1,461,592	1,501,175	140,959,533	70,304,786	21
16,252,988	6,694,642	295,114	247,960	302,640,178	298,420,369	1,113,775	3,030,845	75,189	401,880,238	99,240,060	22
3,125,617	756,214	31,808	54,115	26,681,864	26,313,803	246,515	121,546	(7)	38,025,559	11,343,695	23
38,411,086	32,286	992,842	1,330,022	819,570,289	791,402,032	14,486,045	11,640,971	2,041,241	956,572,486	137,002,197	24
3,701,318	1,854,055	11,319	13,217	25,166,041	24,464,942	163,638	534,681	2,780	49,131,575	23,965,534	25
14,646,956	2,679,758	39,780	118,935	15,052,964	14,169,692	319,643	429,579	134,050	55,581,691	40,528,727	26
563,961	5,127	----------	----------	244,958	128,796	46,662	69,500	(7)	1,449,449	1,204,491	27
3,370,149	406,558	15,678	----------	22,233,857	21,550,332	247,268	311,721	124,536	31,524,545	9,290,688	28
13,708,826	2,616,775	191,959	433,954	17,711,101	15,983,720	167,328	308,245	1,251,813	61,017,302	43,306,201	29
6,567,855	543,058	12,662	5,373	11,437,549	10,851,218	197,192	175,383	213,756	26,678,659	15,241,110	30
818,699	72,205	----------	----------	1,522,772	1,225,994	116,158	180,620	----------	3,826,393	2,303,621	31
33,087,514	134,664	1,258,747	506,011	144,736,646	127,768,914	11,402,602	5,518,728	46,402	226,851,822	82,115,176	32
26,208,019	5,437,053	210,267	250,230	54,203,943	52,022,568	1,022,824	771,462	387,089	134,940,777	80,736,834	33
1,656,025	39,929	17,198	1,472	6,182,735	6,001,251	27,118	154,366	----------	10,107,442	3,924,707	34
47,025,658	9,435,495	1,119,052	176,512	145,850,163	142,915,417	723,182	1,117,375	1,094,189	275,870,165	130,020,002	35
1,873,838	237,185	----------	1,870	7,082,997	6,287,950	6,019	39,830	749,198	11,304,341	4,221,344	36
925,968	127,982	----------	1,707	1,673,542	1,631,481	15,541	26,420	100	3,917,695	2,244,153	37
60,029,523	668,489	1,874,860	381,397	78,459,699	71,297,741	6,014,751	1,099,414	47,793	247,065,556	168,605,857	38
3,119,831	6,753	----------	----------	627,095	349,389	35,160	242,546	(7)	5,306,825	4,679,730	39
53,435,008	661,059	1,009	9,052	177,442,588	170,000,196	937,982	3,610,354	2,894,056	272,713,927	95,271,339	40
4,754,593	371,283	3,462	9,132	9,013,531	8,692,547	119,501	201,483	(7)	20,516,419	11,502,888	41
1,480,436	25,633	----------	----------	592,337	302,200	34,273	255,864	(7)	3,066,274	2,473,937	42
3,996,548	114,270	2,024	----------	18,627,225	17,882,196	166,294	473,106	105,629	26,470,882	7,843,657	43
1,477,036	48,676	52,599	5,099	2,992,406	2,249,921	175,271	567,214	----------	6,894,018	3,901,612	44
48,391,944	5,025,604	300,069	264,989	150,462,662	146,639,804	1,515,779	2,043,604	263,475	278,645,540	128,182,878	45
1,533,096	326,237	20,579	61,841	33,802,651	33,625,771	42,911	133,699	270	42,363,349	8,560,698	46
5,700,600	958,198	3,333	34,492	25,683,969	22,772,495	18,231	141,814	2,751,429	39,830,309	14,146,340	47
9,840,900	1,939,445	223,872	13,525	61,406,320	59,571,065	1,299,627	521,785	13,843	107,826,873	46,420,553	48

TABLE 5.—GENERAL STATISTICS IN DETAIL, BY

		INDUSTRY GROUP AND INDUSTRY	Number of establishments	Proprietors and firm members	Number of persons employed in manufacturing establishments [2]							Salaries and wages		
					Total	Manufacturing						Total [3]	Salaried officers of corporations	Manufacturing
						Salaried officers of corporations	Salaried employees	Wage earners (average for year)	Distribution	Construction	Other			Salaries
		INDUSTRY—continued												
1	11	Roofing tile	16	9	726	7	75	628	16	...	...	$787,360	$11,002	$136,966
2	11	Rubber boots and shoes (including rubber-soled footwear with fabric uppers)	13		18,098	29	2,072	14,861	994	109	33	22,056,016	222,801	3,256,389
3	11	Rubber products not elsewhere classified	528	156	63,189	741	6,666	50,692	4,003	955	132	80,732,785	4,981,425	12,339,249
4	12	Saddlery, harness, and whips	156	100	3,351	111	255	2,755	221	6	3	3,415,580	357,601	348,457
5	14	Safes and vaults	16	6	1,558	22	207	1,236	84	3	6	2,285,911	146,785	348,830
6	1	Salad dressings	134	87	3,511	76	326	2,556	500	18	35	4,190,235	294,447	575,655
7	9	Salt	40	4	4,555	30	377	3,737	234	168	9	5,927,903	238,343	827,292
8	13	Sand-lime brick, block and tile	27	9	429	16	26	346	34	7	...	579,867	43,209	42,415
9	1	Sausage casings not made in meat-packing establishments	57	13	1,194	28	68	987	111	...	..	1,442,278	165,278	122,641
10	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	1,067	750	16,998	554	1,258	11,277	3,720	59	130	24,537,484	2,715,901	2,288,880
11	7	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	7,391	6,938	287,272	2,147	12,824	265,185	3,998	2,388	730	254,598,365	8,928,293	21,343,580
12	14	Saws	87	42	4,902	97	509	4,072	218	5	1	7,097,396	594,783	951,608
13	17	Scales and balances	56	16	3,757	82	523	2,839	306	6	1	5,566,413	469,713	1,048,061
14	14	Screw-machine products and wood screws	345	182	20,300	458	1,819	16,924	991	94	14	30,800,223	2,924,281	3,655,408
15	15	Secondary smelting and refining, gold, silver, and platinum	66	43	1,741	57	181	1,115	342	...	46	3,306,758	392,656	455,366
16	15	Secondary smelting and refining of nonferrous metals, not elsewhere classified	108	53	4,750	140	616	3,608	292	56	38	7,637,656	965,885	1,471,144
17	13	Sewer pipe and kindred products	65	6	7,051	77	335	6,406	195	36	2	8,276,040	391,355	621,046
18	17	Sewing machines, domestic and industrial	39	11	9,568	56	1,110	7,840	286	273	3	14,895,466	400,471	2,369,156
19	15	Sheet-metal work not specifically classified	1,262	798	24,740	1,102	2,296	18,749	2,470	26	97	36,727,272	4,792,146	4,159,411
20	19	Shipbuilding and ship repairing	406	198	75,118	483	7,175	66,611	396	345	108	126,244,783	3,108,546	17,091,104
21	20	Signs, advertising displays, and advertising novelties	1,386	1,028	23,370	1,023	2,246	17,206	2,824	68	3	33,674,925	4,577,951	3,575,754
22	3	Silk broad woven goods—contract factories	37	20	1,169	20	50	1,096	3	...	...	833,219	40,198	63,709
23	3	Silk broad woven goods—regular factories or jobbers engaging contractors	82	32	9,507	84	622	8,754	45	...	2	9,197,390	439,988	1,056,577
24	3	Silk narrow fabrics	100	33	4,741	88	285	4,309	52	...	7	4,882,191	439,922	503,111
25	3	Silk throwing and spinning—contract factories	78	32	12,931	60	474	12,374	21	2	...	8,718,571	262,227	757,876
26	3	Silk yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	53	9	9,896	48	486	9,191	163	5	3	8,498,789	575,875	898,063
27	15	Silverware and plated ware	150	70	14,712	215	1,304	12,105	966	60	62	20,969,708	1,287,821	2,319,206
28	12	Small leather goods	118	87	4,350	106	264	3,615	365	...	...	4,460,959	567,822	370,886
29	9	Soap and glycerin	264	98	20,191	285	3,345	13,624	2,521	386	30	33,090,782	1,731,812	6,876,102
30	20	Soda fountains, beer dispensing equipment, and related products	51	18	2,027	52	270	1,590	114	1	...	3,367,841	195,099	599,904
31	9	Soybean oil, cake, and meal	47	15	2,010	17	321	1,481	102	87	2	2,850,754	87,982	575,487
32	1	Special dairy products	51	11	3,085	34	330	2,378	285	10	48	3,800,985	187,448	661,754
33	17	Special industry machinery, not elsewhere classified	207	79	13,648	317	2,094	10,388	802	12	35	23,205,920	2,071,598	4,184,513
34	20	Sporting and athletic goods not elsewhere classified	350	230	16,633	324	1,457	13,816	955	81	...	19,813,189	1,566,506	2,333,491
35	14	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	53	12	3,591	71	370	2,940	197	8	5	5,738,797	370,674	742,745
36	14	Stamped and pressed metal products (except automobile stampings)	655	281	39,362	876	3,539	33,112	1,708	90	37	53,345,731	5,109,281	6,569,051
37	13	Statuary and art goods (except stone and concrete)—factory production	126	148	1,172	65	78	983	43	...	3	1,532,547	192,810	122,195
38	14	Steam and hot-water heating apparatus (including hot-water furnaces)	68	10	10,024	76	924	8,493	521	10	...	12,950,200	399,699	1,677,972
39	13	Steam and other packing; pipe and boiler covering	134	49	7,531	161	719	5,907	673	53	18	11,168,780	1,001,276	1,482,976
40	17	Steam engines, turbines, and water wheels	18		5,531	44	1,250	3,902	312	22	1	10,523,909	340,739	2,776,193
41	14	Steam fittings, regardless of material	181	29	27,931	329	4,242	21,815	1,466	27	52	42,787,133	2,268,760	7,856,327
42	14	Steel barrels, kegs, and drums	64	8	6,964	71	550	6,072	260	11	..	9,544,686	525,046	1,060,835
43	14	Steel castings	164	6	35,567	335	3,957	30,088	875	258	54	55,545,434	2,591,831	8,428,580
44	14	Steel works and rolling mills	253	1	413,280	384	34,149	368,904	2,942	6,576	325	674,846,218	4,635,074	83,919,153
45	17	Stokers, mechanical, domestic and industrial	61	15	4,927	89	659	3,549	591	29	10	7,576,509	515,631	1,174,325
46	14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	449	148	50,984	724	4,465	41,701	3,861	75	158	68,890,420	4,730,289	7,913,661
47	12	Suitcases, brief cases, bags, trunks, and other luggage	329	233	9,924	349	559	8,326	688	1	1	11,555,796	1,452,602	928,334
48	20	Surgical and medical instruments	59	22	2,232	80	239	1,626	282	2	3	3,741,819	538,318	467,702
49	20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	360	220	13,129	293	1,676	8,468	2,471	221	.	17,942,661	1,793,597	2,934,922
50	4	Suspenders, garters, and other goods made from purchased elastic material	66	53	3,202	54	249	2,558	336	...		3,152,804	245,684	385,013

See footnotes at end of table.

INDUSTRY GROUPS AND BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES—continued				COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Manufacturing—Con. Wages	Distribution	Construction	Other	Total [4 5]	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products [4 5]	Value added by manufacture [6]	
$615,607	$22,006	$1,779	.....	$376,245	$141,578	$205,073	$29,594	.....	$1,824,881	$1,448,636	1
16,801,537	1,554,017	189,629	$31,643	20,749,368	19,711,362	378,767	635,412	$23,827	49,980,591	29,231,223	2
53,357,735	8,397,868	1,491,092	165,416	122,875,377	115,274,427	3,096,216	4,203,621	301,113	264,525,200	141,649,823	3
2,388,239	314,374	4,756	2,153	6,876,684	6,756,855	52,508	52,183	15,138	12,118,430	5,241,746	4
1,589,088	190,846	5,299	5,063	2,413,251	2,275,394	58,618	58,646	20,593	6,084,319	3,671,068	5
2,433,965	792,804	43,323	50,041	37,873,069	37,652,204	105,811	115,054	.....	48,941,846	11,068,777	6
4,235,484	345,788	264,390	16,606	9,568,742	7,338,580	2,088,071	142,091	.....	27,530,172	17,961,430	7
414,466	74,960	4,817	.....	637,730	510,163	78,273	49,294	.....	1,915,878	1,278,148	8
882,335	272,024	.....	.....	3,709,461	3,673,182	17,960	18,319	.....	6,014,658	2,305,197	9
13,473,199	5,838,172	72,307	149,025	165,045,149	162,777,385	923,831	1,343,933	(7)	208,048,345	43,003,196	10
214,920,436	5,518,831	2,889,167	998,058	280,019,254	252,977,343	4,325,283	3,338,707	19,377,921	692,944,624	412,925,370	11
5,197,649	344,509	6,655	2,192	6,784,355	6,155,219	289,009	239,261	100,866	18,470,682	11,686,327	12
3,306,476	734,347	6,932	884	4,987,514	4,676,264	111,011	112,404	87,835	14,350,068	9,362,554	13
22,106,007	1,990,162	107,251	17,114	32,649,213	29,986,563	520,625	1,194,135	947,890	82,806,869	50,157,656	14
1,686,944	699,322	.....	72,470	94,783,030	94,485,005	165,164	92,173	40,688	101,783,864	7,000,834	15
4,366,477	701,936	84,572	47,642	65,436,289	63,960,391	1,045,238	352,400	78,260	82,038,323	16,602,034	16
6,817,738	402,334	41,479	2,088	4,628,074	1,782,414	2,630,152	212,508	3,000	18,295,679	13,667,605	17
11,156,855	484,321	481,751	2,912	8,610,209	8,090,976	295,183	218,654	5,396	29,706,544	21,096,335	18
23,078,689	4,569,783	34,542	92,701	70,981,079	69,254,520	484,496	732,493	509,570	137,341,231	66,360,152	19
104,473,303	930,429	471,367	170,034	153,415,481	148,639,860	1,656,789	2,480,747	638,085	327,387,099	173,971,618	20
20,557,406	4,889,216	70,635	3,963	32,493,335	29,824,728	401,100	629,868	1,637,639	87,625,220	55,131,885	21
724,812	4,500	.....	.....	131,709	54,575	10,277	66,857	(7)	1,101,949	970,240	22
7,605,930	93,647	.....	1,248	21,638,641	20,387,512	239,502	423,508	588,119	35,732,233	14,093,592	23
3,852,093	74,388	.....	12,677	4,823,001	4,385,723	98,882	141,855	196,541	13,133,079	8,310,078	24
7,637,806	60,098	564	.....	3,407,825	2,029,436	122,229	895,883	360,277	15,853,452	12,445,627	25
6,735,942	284,715	3,683	511	34,026,782	33,065,600	174,757	550,141	236,284	48,004,996	13,978,214	26
15,304,394	1,880,114	110,801	67,372	24,787,356	23,917,247	398,031	395,408	76,670	62,771,158	37,983,802	27
2,750,588	771,663	.....	.....	7,371,951	7,024,611	14,004	46,625	286,711	14,334,433	6,962,482	28
18,800,527	4,844,957	809,071	28,313	161,002,676	157,658,319	2,607,300	638,961	98,096	302,634,474	141,631,798	29
2,389,452	182,356	1,030	.....	5,968,179	5,808,320	58,651	54,343	46,865	13,659,820	7,691,641	30
1,889,457	205,233	91,109	1,486	34,434,845	33,321,647	467,894	637,909	7,395	43,946,647	9,511,802	31
2,426,951	444,728	19,955	59,249	50,383,865	50,101,204	133,338	149,323	.....	57,569,300	7,185,435	32
15,160,633	1,705,793	22,143	61,240	19,836,348	18,666,324	388,827	473,507	307,690	55,785,016	35,948,668	33
14,220,581	1,613,056	79,555	.....	26,689,795	25,692,456	306,122	507,959	183,258	64,753,813	38,064,018	34
4,277,439	321,107	20,746	6,086	12,795,702	12,033,716	493,407	267,369	1,210	23,044,252	10,248,550	35
37,535,454	3,942,358	139,133	50,454	89,140,826	85,222,454	1,183,722	1,798,306	936,344	178,395,076	89,254,250	36
1,150,324	65,460	.....	1,758	974,707	906,456	28,622	28,354	11,275	3,440,114	2,465,407	37
9,921,515	938,032	12,982	.....	17,165,268	15,718,041	942,239	498,706	6,282	45,377,801	28,212,533	38
7,190,308	1,386,533	86,842	20,845	17,608,350	16,628,640	697,983	269,681	12,046	37,170,483	19,562,133	39
6,349,143	1,051,352	6,118	364	9,551,498	9,133,733	289,725	125,638	2,402	24,751,466	15,199,968	40
29,629,764	2,933,620	42,302	56,360	37,667,330	35,376,169	1,111,176	983,421	196,564	111,985,627	74,318,297	41
7,360,075	581,041	17,689	.....	32,328,346	31,662,936	223,323	384,712	57,375	49,165,973	16,837,627	42
41,941,774	2,205,011	325,960	52,278	45,232,070	36,031,250	3,717,140	4,896,383	587,297	135,466,423	90,234,353	43
569,724,280	7,365,895	8,685,094	516,722	1,572,471,554	1,408,063,761	125,989,648	35,804,445	2,613,700	2,720,019,564	1,147,548,010	44
4,789,265	1,045,221	42,437	9,630	9,857,338	9,435,503	173,434	190,759	57,642	24,545,164	14,687,826	45
48,069,160	7,854,738	118,828	203,744	97,475,213	91,222,399	2,400,689	1,671,091	2,181,034	223,427,130	125,951,917	46
7,918,929	1,255,113	688	130	19,214,722	18,914,012	91,012	140,433	69,265	36,591,482	17,376,760	47
1,978,574	722,200	1,671	33,354	2,319,720	2,228,296	24,579	51,591	15,254	8,052,120	5,732,400	48
8,547,630	4,455,599	210,913	.....	40,296,593	39,568,465	271,188	392,526	64,414	79,398,442	39,101,849	49
1,956,082	558,724	.....	7,301	8,918,161	8,826,927	12,393	34,395	44,446	15,482,865	6,564,704	50

TABLE 5.—GENERAL STATISTICS IN DETAIL, BY

	Group No.	INDUSTRY	Number of establishments	Proprietors and firm members	Number of persons employed in manufacturing establishments [1, 2]: Total	Salaried officers of corporations	Manufacturing: Salaried employees	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other	Salaries and wages: Total [4]	Salaried officers of corporations	Manufacturing: Salaries
		INDUSTRY—continued												
1	13	Tableware, pressed or blown glass, and glassware not elsewhere classified	115	29	31,320	183	2,697	27,330	902	182	26	$38,974,956	$1,216,089	$5,292,508
2	9	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	158	33	4,057	168	632	2,716	405	67	69	7,106,047	1,366,480	1,373,278
3	13	Terra cotta	12	1	1,297	14	144	1,099	24	16	.	1,666,836	62,691	241,931
4	4	Textile bags not made in textile mills	216	110	13,903	159	968	11,991	758	15	12	14,530,646	1,087,185	1,652,014
5	17	Textile machinery	300	125	27,259	411	2,806	21,904	1,602	361	175	39,586,846	2,717,426	4,967,188
6	15	Tin and other foils (except gold and silver foil	12	2	1,541	9	131	1,328	67	.	6	2,403,476	69,137	288,681
7	14	Tin cans and other tinware not elsewhere classified	248	33	38,013	176	4,710	31,770	819	519	19	49,832,171	1,189,100	9,612,612
8	11	Tires and inner tubes	53	5	67,169	116	8,900	54,115	3,540	426	72	122,163,714	1,767,970	21,482,798
9	2	Tobacco (chewing and smoking) and snuff	132	78	10,970	121	853	9,202	592	84	118	11,963,341	696,569	1,854,322
10	2	Tobacco pipes and cigarette holders	32	13	2,814	46	127	2,481	154	6	.	3,156,379	281,973	215,103
11	14	Tools (except edge tools, machine tools, files, and saws)	387	199	19,068	457	2,129	15,343	1,062	66	11	26,626,381	2,571,990	3,815,767
12	17	Tractors	30	4	39,262	48	6,221	31,275	1,535	167	16	64,803,114	250,623	10,936,609
13	19	Transportation equipment not elsewhere classified	41	20	1,543	51	157	1,252	73	10	.	1,725,327	159,223	278,762
14	4	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories	397	395	6,297	230	179	5,553	295	7	35	6,816,872	387,015	253,603
15	4	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	227	182	4,735	165	333	3,728	488	7	14	5,361,264	849,664	519,073
16	4	Trousers (semidress), wash suits, and washable service apparel	297	235	21,320	247	808	19,541	691	7	26	16,486,878	1,133,939	1,161,139
17	20	Umbrellas, parasols, and canes	90	79	3,236	78	184	2,862	112	.	.	3,055,376	357,994	311,501
18	6	Upholstered household furniture	853	575	35,251	871	2,363	29,949	1,997	16	55	41,079,957	3,371,425	3,691,067
19	9	Vegetable and animal oils, not elsewhere classified	54	11	1,492	43	191	1,108	118	28	4	2,010,710	231,054	325,985
20	17	Vending, amusement, and other coin-operated machines	51	15	4,770	71	493	3,842	354	8	2	7,261,067	856,340	971,530
21	6	Venetian blinds	274	239	6,730	175	613	5,179	716	29	18	7,352,867	536,737	819,863
22	1	Vinegar and cider	132	70	1,330	43	145	1,059	71	.	12	1,356,274	153,355	208,095
23	13	Vitreous-china plumbing fixtures	25	2	5,146	47	444	4,534	107	13	1	7,668,560	291,686	817,491
24	14	Vitreous enameled products, including kitchen, household, and hospital utensils	55	2	12,480	133	1,104	10,809	394	39	1	15,283,028	1,946,636	1,942,413
25	13	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	124	38	7,734	125	849	6,227	435	77	21	9,199,956	613,561	1,410,947
26	7	Wallpaper	46	7	4,885	81	417	4,054	324	9	.	7,654,705	578,853	887,020
27	15	Watchcases	42	27	3,086	51	349	2,409	188	41	48	4,297,603	344,915	549,459
28	13	Whiteware	31	2	12,773	63	566	11,728	192	190	34	15,600,374	434,741	1,341,598
29	6	Window and door screens and weather strip	162	122	3,616	131	298	2,830	338	1	18	4,621,259	615,847	461,715
30	6	Window shades	273	210	4,072	110	325	3,261	365	7	4	4,821,455	397,561	515,583
31	1	Wines	301	214	3,491	172	504	2,056	585	109	65	4,550,868	661,086	783,216
32	14	Wire drawn from purchased rods	95	8	25,980	159	2,921	21,969	790	123	18	40,382,370	2,103,181	6,407,981
33	14	Wirework not elsewhere classified	669	413	35,916	714	3,179	30,386	1,512	91	34	49,066,575	4,454,674	5,952,959
34	16	Wiring devices and supplies	146	29	17,960	260	1,999	14,564	1,075	45	17	25,093,614	2,008,032	3,779,729
35	4	Women's and misses' blouses and waists—made in contract factories	132	152	5,249	36	89	5,109	11	1	3	3,739,119	133,336	113,984
36	4	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors	170	139	5,701	145	315	4,564	664	.	13	6,425,151	725,737	527,083
37	4	Women's and misses' clothing, not elsewhere classified—made in contract factories	100	89	3,837	42	81	3,703	8	1	2	2,764,069	117,621	107,886
38	4	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	231	185	7,535	199	355	6,281	665	2	33	7,880,365	806,421	512,459
39	4	Women's and misses' dresses (except house dresses)—made in contract factories	1,490	1,593	51,159	569	622	49,742	140	1	85	49,537,720	1,605,893	977,758
40	4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	1,426	677	68,292	1,841	3,981	53,996	7,979	17	478	94,272,575	10,456,328	7,339,191
41	4	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics	174	152	12,425	110	617	11,349	315	2	32	9,338,331	553,321	834,373
42	4	Women's, children's, and infants' underwear and nightwear of knitted fabrics	139	103	7,210	133	324	6,398	326	9	20	6,020,975	614,052	447,035
43	4	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	372	267	22,624	291	924	20,509	851	5	44	18,812,156	1,602,861	1,366,767
44	4	Women's neckwear, scarfs, etc.	107	103	2,398	75	126	1,931	260	.	6	2,680,529	409,957	184,191

See footnotes at end of table.

INDUSTRY GROUPS AND BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES—continued				COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Manufacturing—Con. Wages	Distribution	Construction	Other	Total [4 5]	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products [4 5]	Value added by manufacture [6]	
$30, 114, 795	$2, 070, 464	$250, 587	$30, 513	$27, 033, 202	$19, 336, 632	$6, 291, 746	$1, 316, 970	$87, 854	$97, 317, 363	$70, 284, 161	1
3, 002, 734	1, 157, 933	92, 570	113, 052	23, 860, 279	22, 906, 267	770, 392	181, 576	2, 044	42, 164, 716	18, 304, 437	2
1, 298, 603	47, 151	16, 460	----------	757, 441	452, 122	248, 092	56, 213	1, 014	3, 175, 310	2, 417, 869	3
10, 002, 651	1, 755, 123	22, 024	11, 649	93, 807, 210	93, 334, 877	147, 962	282, 348	42, 023	121, 702, 151	27, 894, 941	4
27, 614, 519	3, 512, 179	509, 372	266, 162	33, 598, 333	32, 005, 000	772, 922	747, 471	72, 940	93, 276, 326	59, 677, 993	5
1, 937, 721	100, 737	----------	7, 200	10, 337, 645	10, 019, 946	105, 470	212, 229	----------	19, 071, 847	8, 734, 202	6
36, 397, 817	1, 659, 586	935, 117	37, 939	249, 044, 215	246, 174, 203	1, 321, 195	1, 510, 817	38, 000	372, 616, 014	123, 571, 799	7
89, 773, 503	8, 207, 386	821, 538	110, 519	349, 556, 866	340, 732, 027	4, 024, 999	4, 766, 440	33, 400	580, 928, 993	231, 372, 127	8
8, 192, 529	961, 321	153, 141	105, 459	81, 719, 385	80, 690, 839	331, 544	153, 796	543, 206	123, 687, 198	41, 967, 813	9
2, 406, 530	243, 754	9, 019	----------	2, 299, 308	2, 158, 223	21, 746	72, 448	46, 891	7, 507, 616	5, 208, 308	10
18, 002, 210	2, 118, 540	107, 514	10, 360	27, 355, 354	25, 278, 495	1, 003, 857	870, 943	202, 059	75, 290, 333	47, 934, 979	11
49, 845, 575	3, 463, 214	291, 208	15, 885	135, 626, 339	130, 846, 734	2, 195, 197	1, 372, 923	1, 211, 485	253, 951, 435	118, 325, 096	12
1, 149, 973	131, 369	4, 000	2, 000	3, 123, 709	3, 021, 105	50, 755	47, 561	4, 288	6, 268, 610	3, 144, 901	13
5, 338, 560	349, 841	10, 079	27, 774	1, 786, 389	1, 519, 093	33, 848	148, 534	84, 914	12, 509, 807	10, 723, 418	14
3, 152, 643	813, 945	14, 796	11, 143	15, 943, 644	15, 597, 185	40, 786	109, 009	286, 673	26, 138, 877	10, 195, 233	15
12, 841, 415	1, 316, 414	6, 927	27, 044	34, 812, 878	31, 717, 425	107, 796	219, 587	2, 768, 070	60, 984, 613	26, 171, 735	16
2, 193, 255	192, 626	----------	----------	6, 869, 250	6, 695, 882	59, 482	45, 090	68, 796	11, 519, 990	4, 650, 740	17
30, 082, 203	3, 838, 684	20, 215	76, 363	65, 977, 333	64, 669, 579	434, 046	655, 517	218, 191	128, 723, 519	62, 746, 186	18
1, 236, 515	191, 364	23, 160	2, 632	24, 377, 653	23, 852, 334	298, 638	226, 681	----------	30, 456, 835	6, 079, 182	19
4, 631, 710	786, 209	13, 767	1, 511	10, 674, 687	10, 453, 790	47, 092	100, 676	73, 129	23, 142, 882	12, 468, 195	20
4, 808, 267	1, 153, 584	20, 121	14, 295	13, 664, 946	13, 417, 275	97, 745	119, 545	30, 381	25, 965, 350	12, 300, 404	21
876, 651	110, 199	----------	7, 974	4, 265, 980	4, 062, 305	101, 515	101, 657	503	7, 505, 800	3, 239, 820	22
6, 315, 843	215, 274	26, 923	1, 343	6, 982, 118	6, 013, 333	813, 611	154, 337	837	21, 978, 821	14, 996, 703	23
11, 441, 682	794, 391	57, 546	360	20, 348, 180	18, 446, 541	1, 054, 068	702, 768	144, 803	44, 239, 055	23, 890, 875	24
6, 288, 111	743, 812	119, 462	24, 063	14, 804, 368	12, 342, 484	1, 126, 819	1, 329, 440	5, 625	35, 753, 840	20, 949, 472	25
5, 333, 246	838, 561	17, 025	----------	11, 695, 922	11, 265, 164	246, 580	154, 796	29, 382	24, 968, 843	13, 272, 921	26
2, 939, 759	352, 775	55, 197	55, 498	3, 987, 367	3, 805, 838	50, 775	68, 466	62, 288	9, 791, 605	5, 804, 238	27
13, 149, 932	379, 626	214, 728	79, 749	8, 157, 025	6, 851, 085	936, 297	270, 301	99, 342	27, 800, 677	19, 643, 652	28
2, 983, 580	537, 769	2, 000	20, 348	7, 842, 398	7, 694, 174	56, 118	77, 644	14, 462	15, 223, 769	7, 381, 371	29
3, 411, 297	486, 537	6, 947	3, 530	15, 410, 218	15, 119, 337	179, 694	97, 557	13, 630	27, 070, 810	11, 660, 592	30
2, 023, 106	975, 082	77, 122	31, 256	19, 386, 754	18, 825, 902	223, 693	289, 259	47, 900	32, 782, 080	13, 395, 326	31
29, 965, 840	1, 708, 970	176, 651	19, 747	99, 982, 019	95, 003, 661	2, 241, 650	2, 587, 142	149, 566	176, 503, 111	76, 521, 092	32
35, 538, 502	2, 942, 074	138, 119	40, 247	74, 951, 560	72, 140, 673	935, 870	1, 462, 285	412, 732	158, 816, 863	83, 865, 303	33
16, 905, 970	2, 292, 816	89, 638	17, 429	44, 505, 642	43, 158, 537	665, 295	621, 267	60, 543	94, 305, 273	49, 799, 631	34
3, 482, 765	6, 422	250	2, 362	336, 994	234, 428	8, 189	67, 970	26, 407	5, 311, 394	4, 974, 400	35
3, 909, 750	1, 250, 387	----------	12, 194	24, 539, 845	18, 372, 629	1, 790	82, 308	6, 083, 118	36, 419, 098	11, 879, 253	36
2, 527, 648	8, 796	792	1, 326	284, 151	174, 553	11, 732	59, 673	38, 193	4, 311, 175	4, 027, 024	37
5, 386, 948	1, 126, 903	2, 906	44, 728	22, 651, 754	19, 348, 127	24, 592	110, 740	3, 168, 295	35, 759, 421	13, 107, 667	38
46, 747, 846	140, 791	2, 000	63, 432	3, 301, 064	2, 370, 758	89, 393	728, 437	112, 476	64, 935, 922	61, 634, 858	39
61, 652, 253	14, 241, 920	29, 187	553, 696	284, 628, 004	215, 708, 365	64, 024	1, 290, 640	67, 564, 975	441, 324, 635	156, 696, 631	40
7, 462, 179	457, 718	2, 473	28, 267	21, 944, 368	20, 767, 891	28, 728	140, 624	1, 007, 125	37, 184, 478	15, 240, 110	41
4, 372, 776	553, 887	15, 295	17, 930	14, 854, 626	14, 567, 667	13, 818	87, 961	185, 180	24, 608, 459	9, 753, 833	42
14, 349, 204	1, 450, 898	5, 140	37, 286	59, 021, 250	54, 608, 555	28, 311	263, 353	4, 121, 031	90, 627, 640	31, 606, 390	43
1, 678, 146	403, 021	----------	5, 214	7, 199, 545	6, 267, 298	3, 581	38, 108	890, 558	11, 947, 604	4, 748, 059	44

TABLE 5.—GENERAL STATISTICS IN DETAIL, BY

	Group No.	INDUSTRY AND INDUSTRY	Number of establishments	Number of persons employed in manufacturing establishments [1]								Salaries and wages		
				Proprietors and firm members	Total	Salaried officers of corporations	Manufacturing		Distribution	Construction	Other	Total	Salaried officers of corporations	Manufacturing
							Salaried employees	Wage earners (average for year) [3]						Salaries
		INDUSTRY—continued												
1	12	Women's pocketbooks, handbags, and purses	286	180	15,700	320	668	14,048	651	1	12	$14,777,416	$1,380,023	$1,178,102
2	6	Wooden boxes except cigar boxes	642	356	28,009	487	1,479	25,351	544	47	101	24,457,352	1,930,097	2,255,141
3	6	Wood naval stores	25	6	2,924	34	316	2,353	26	192	3	2,886,900	136,604	635,089
4	6	Wood preserving	218	10	12,623	94	935	11,242	180	167	5	12,205,883	360,191	1,649,757
5	6	Wood products not elsewhere classified	886	64	25,088	625	1,808	21,993	570	49	43	23,704,299	2,257,930	2,753,227
6	17	Woodworking machinery	130	32	3,121	222	693	3,622	553	3	28	8,004,578	1,041,899	1,238,622
7	3	Woolen and worsted manufactures—contract factories	76	36	6,595	85	383	6,072	39	11	5	7,477,021	543,699	781,740
8	3	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	583	123	149,804	847	7,921	140,022	830	124	60	159,297,747	6,682,129	16,238,995
9	20	Wool pulling	17	11	910	23	46	836	2	3		1,373,074	150,122	113,744
10	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	742	471	63,041	694	2,472	56,959	2,745	37	156	48,121,654	3,270,389	3,492,614
11	4	Work gloves and mittens: cloth, cloth and leather combined	94	46	9,438	70	313	8,901	148	4	2	6,641,936	261,302	429,871
12	4	Work shirts	87	28	14,269	64	502	13,449	155	9	90	8,474,796	247,381	623,481
13	9	Writing ink	15	10	494	22	64	254	153			821,128	134,903	112,635
14	14	Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills	49	8	9,670	66	925	8,370	265	30	14	15,794,293	561,833	2,189,103
15	16	X-ray and therapeutic apparatus and electronic tubes	84	36	3,009	104	588	1,959	354		4	5,132,848	630,402	1,184,935

[1] No data for employees of central-administrative offices are included.

[2] The 1939 Census of Manufactures questionnaire, for the first time, called for personnel employed in distribution, construction, etc., separately from the manufacturing employees of the plants, and therefore the data for earlier years probably are not strictly comparable with those for 1939. It is not known how many of the wage earners and the salaried employees reported at previous censuses were engaged in distribution and construction and how many were engaged in manufacturing.

[3] This is an average of the numbers reported for the several months of the year. In calculating it, equal weight must be given to full-time and to part-time wage earners (not reported separately by the manufacturers), and for this reason it exceeds the number that would have been required to perform the work done in the industries if all wage earners had been continuously employed throughout the year. The quotient obtained by dividing the amount of wages by the average number of wage earners should not, therefore, be accepted as representing the average wage received by full-time wage earners. In making comparisons between the figures for 1939 and those for earlier years, the likelihood that the proportion of part-time employment varied from year to year should be taken into account. Also see footnote 2, above.

INDUSTRY GROUPS AND BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES—continued				COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Manufacturing—Con. Wages	Distribution	Construction	Other	Total [4]	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products [4,5]	Value added by manufacture [6]	
$11,238,826	$965,542	$3,655	$11,268	$32,877,638	$30,972,609	$15,358	$162,716	$1,726,955	$55,806,860	$22,929,222	1
19,159,030	957,444	45,709	109,931	45,757,092	44,623,012	138,226	865,981	129,873	87,353,766	41,596,674	2
1,866,991	42,240	204,356	1,620	6,524,299	6,163,995	242,348	117,956	----------	14,114,193	7,589,894	3
9,764,258	351,603	71,766	8,308	77,477,264	75,131,304	1,672,367	419,932	253,661	106,295,341	28,818,077	4
17,680,122	926,564	49,060	37,396	30,291,098	28,894,948	335,831	842,156	218,163	69,185,697	38,894,599	5
4,656,946	1,032,828	2,505	31,778	8,291,723	7,768,782	131,314	180,722	210,905	21,604,106	13,312,383	6
6,061,441	66,299	15,502	8,340	2,097,124	1,348,757	419,049	329,318	(7)	13,156,533	11,059,409	7
133,487,752	2,610,924	210,112	67,835	422,349,478	405,546,996	8,359,196	4,105,542	4,337,744	685,311,713	262,962,235	8
1,100,973	3,835	4,400	----------	9,615,022	9,508,924	59,045	35,381	11,672	13,122,104	3,507,082	9
36,796,518	4,371,347	35,939	155,447	112,543,601	108,132,732	330,638	696,990	3,383,241	184,222,956	71,679,355	10
5,663,036	281,351	4,148	2,228	11,927,832	11,756,977	35,809	117,293	17,753	22,457,470	10,529,638	11
7,269,148	237,678	12,313	84,795	21,419,256	20,635,625	49,957	156,251	577,423	35,672,002	14,252,746	12
247,116	315,699	----------	10,775	1,202,047	1,185,378	10,018	6,651	----------	2,951,259	1,749,212	13
12,306,077	645,250	54,102	37,928	41,856,222	39,705,426	1,025,932	743,671	381,193	75,864,616	34,008,394	14
2,744,251	565,685	----------	7,575	5,754,928	5,565,585	38,345	91,326	59,672	17,945,038	12,190,110	15

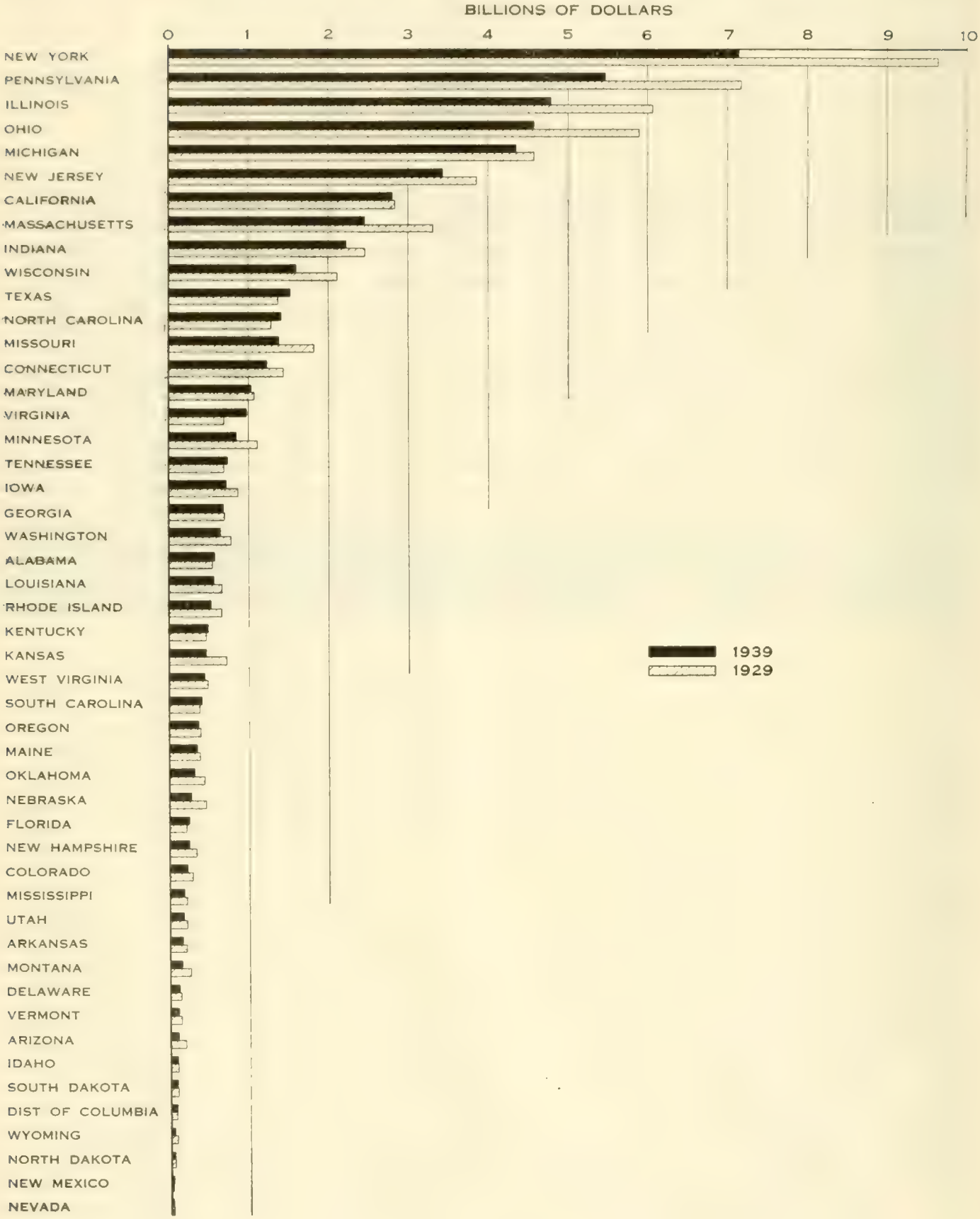
[4] Profits and losses cannot be calculated from the census figures because no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, and advertising.

[5] The aggregates for cost of materials and value of products include large but indeterminable amounts of duplication due to the use of the products of some industries as material by others. This duplication occurs, as a rule, between different industries, and is not found to any great extent in individual industries; a most outstanding exception, however, is found in the "Motor vehicles, motor-vehicles bodies, parts and accessories" industry, in which there is a large amount of duplication.

[6] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work.

[7] The columns for "Materials and supplies" and for "Contract work" for the individual industries do not add to the totals for "All industries" because for certain industries, indicated by footnote 7 in the table, the figure for "Contract work" was added to that for "Materials and supplies" to avoid disclosing data for individual establishments. Such addition for all the industries amounted to only $1,090,733.

VALUE OF MANUFACTURED PRODUCTS, BY STATES: 1939 AND 1929



VALUE ADDED BY MANUFACTURE, BY STATES: 1939 AND 1929

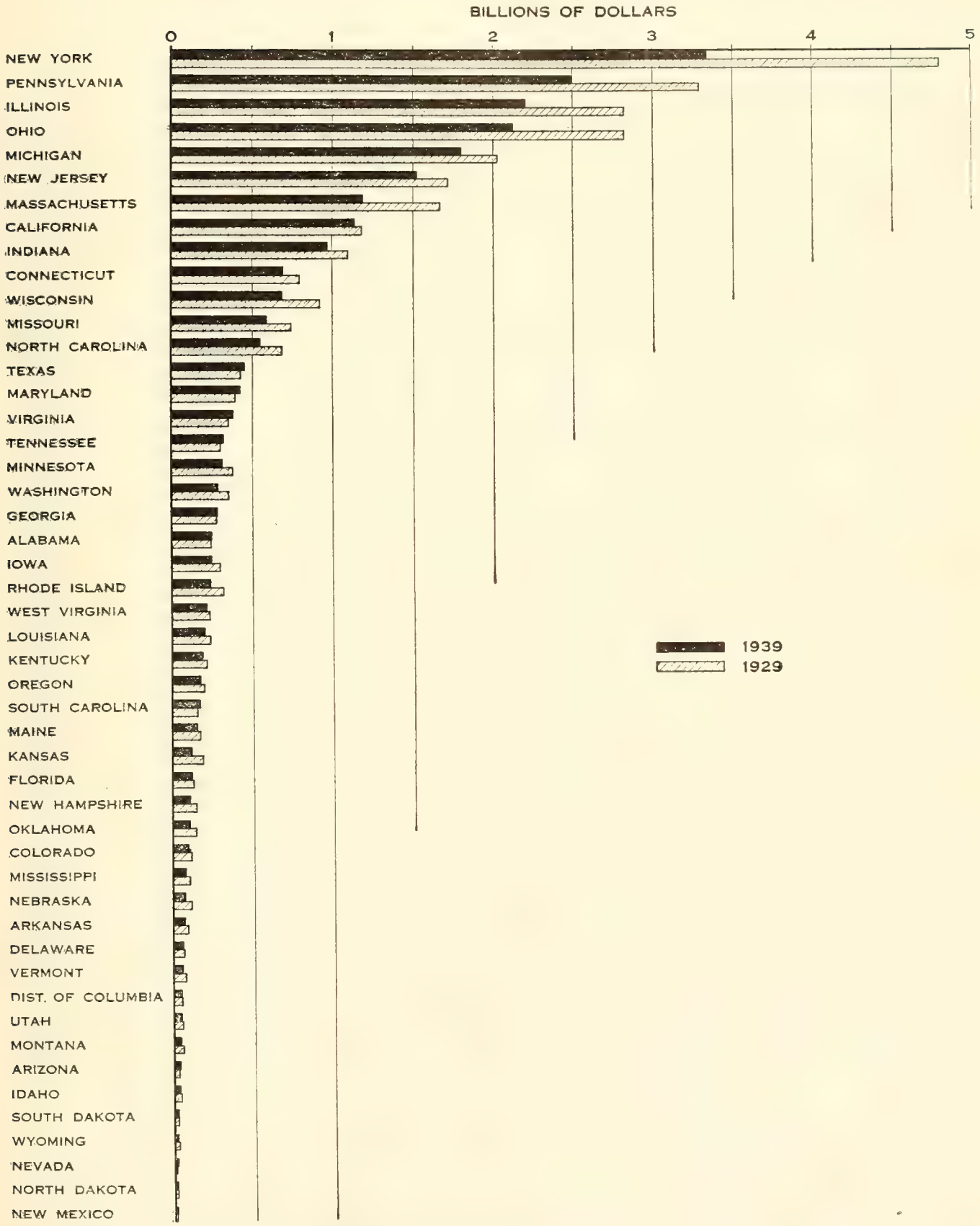


TABLE 6. GENERAL STATISTICS IN DETAIL, BY GEOGRAPHIC DIVISIONS AND BY STATES: 1939

[illegible]	Number of establishments	Proprietors and firm members	Number of persons employed in manufacturing establishments: Total	Salaried officers of corporations	Manufacturing: Salaried employees	Manufacturing: Wage earners (average for year)[3]	Distribution	Construction	Other	Salaries and wages: Total[1]	Salaried officers of corporations	Manufacturing: Salaries	Manufacturing: Wages
United States	**184,230**	**124,655**	**9,622,923**	**139,350**	**909,257**	**7,886,567**	**583,364**	**70,887**	**33,498**	**$12,836,584,293**	**$756,910,128**	**$1,783,446,942**	**$9,089,940,916**
GEOGRAPHIC DIVISIONS													
New England	16,136	8,820	1,128,446	14,491	105,857	953,670	47,967	6,137	2,944	1,410,745,215	86,807,077	197,531,668	1,025,006,360
Middle Atlantic	56,291	38,[illegible]	2,776,954	49,148	270,815	2,249,621	175,112	22,246	9,722	3,889,474,914	266,932,355	545,936,315	2,688,703,222
East North Central	40,417	23,978	2,711,348	34,871	285,086	2,195,479	172,456	15,417	8,039	4,117,647,272	212,573,540	591,019,160	2,950,313,390
West North Central	14,947	10,654	498,548	9,314	50,571	382,201	51,613	2,276	2,573	653,211,916	45,881,968	88,405,121	427,457,469
South Atlantic	17,817	11,444	1,121,132	11,745	69,858	986,721	42,249	8,078	2,891	1,085,048,658	55,127,822	125,587,387	826,413,040
East South Central	7,275	7,017	413,138	4,406	28,319	357,827	18,509	2,593	1,484	392,887,460	20,647,594	49,509,583	291,019,181
West South Central	10,021	7,154	385,245	5,055	31,503	292,580	27,593	6,655	1,859	367,605,931	22,130,724	56,864,820	238,264,662
Mountain	4,011	2,978	92,253	1,724	10,479	69,245	8,598	1,071	1,156	122,782,593	6,528,456	19,199,328	81,737,373
Pacific	17,817	15,317	545,839	8,506	56,789	429,423	41,877	6,414	2,830	797,180,334	40,280,892	109,393,560	561,026,219
NEW ENGLAND													
Maine	1,210	690	83,978	762	5,577	75,656	1,494	409	80	84,834,726	3,634,289	9,957,926	68,434,288
New Hampshire	806	446	61,607	573	4,020	55,781	1,060	123	50	65,578,327	3,348,895	7,135,088	52,735,240
Vermont	717	554	25,566	372	2,387	21,759	883	161	54	29,199,244	1,842,867	4,197,946	21,232,355
Massachusetts	9,007	4,957	552,310	8,040	53,808	460,674	25,620	2,586	1,582	706,360,010	47,549,070	101,052,431	700,923,284
Rhode Island	1,460	807	122,886	1,396	10,606	106,275	3,394	658	557	141,519,439	8,785,963	19,144,213	105,406,950
Connecticut	2,936	1,366	282,099	3,348	29,439	233,525	12,966	2,200	621	383,253,469	21,645,993	56,044,064	276,274,243
MIDDLE ATLANTIC:													
New York	34,506	23,975	1,221,843	31,168	120,224	957,854	100,089	7,731	4,777	1,767,851,679	157,961,094	238,732,268	1,163,785,198
New Jersey	7,984	4,450	533,475	7,266	55,618	433,471	28,544	6,609	1,967	757,546,068	44,084,730	118,869,388	521,568,632
Pennsylvania	13,801	9,890	1,021,636	11,004	94,973	858,296	46,479	7,906	2,978	1,364,077,167	64,886,531	188,334,659	1,003,349,392
EAST NORTH CENTRAL													
Ohio	10,070	5,431	735,277	9,189	78,503	598,397	43,964	3,410	1,814	1,125,369,470	58,008,523	162,741,706	812,676,444
Indiana	4,337	2,450	340,563	3,854	37,086	277,467	18,379	2,420	1,357	478,004,657	21,683,838	72,670,046	345,475,193
Illinois	12,980	7,814	759,710	11,881	80,446	596,476	63,573	5,311	2,023	1,119,244,123	73,240,521	164,974,275	750,239,085
Michigan	6,311	3,923	621,173	5,439	60,765	522,242	28,196	2,537	1,994	1,027,488,238	35,612,027	137,969,382	789,975,675
Wisconsin	6,717	4,360	254,625	4,508	28,286	200,897	18,344	1,739	851	367,540,784	24,028,631	52,663,751	251,946,993
WEST NORTH CENTRAL													
Minnesota	4,008	3,162	104,445	2,171	10,160	79,753	11,295	464	602	145,826,234	10,582,318	17,972,788	96,886,925
Iowa	2,670	2,036	88,789	1,388	10,113	65,314	10,900	398	676	114,990,186	6,580,677	16,951,409	73,466,119
Missouri	4,796	2,773	223,467	4,187	20,088	178,538	19,237	741	676	285,490,280	22,226,593	36,710,544	190,735,851
North Dakota	350	257	4,125	120	678	2,637	565	30	95	5,030,390	416,133	1,016,591	2,771,468
South Dakota	468	359	7,485	167	1,097	5,538	610	15	58	9,235,691	603,405	1,742,241	5,035,524
Nebraska	1,161	903	26,739	581	3,061	18,807	3,931	173	186	34,898,295	2,474,805	5,024,996	20,623,550
Kansas	1,494	1,164	43,498	700	5,374	31,614	5,075	455	280	57,740,840	2,998,037	8,986,552	36,938,032
SOUTH ATLANTIC:													
Delaware	429	270	24,028	305	2,051	20,392	1,033	222	25	30,210,159	1,948,761	4,144,258	21,959,627
Maryland	2,893	2,271	166,931	1,926	13,600	141,643	8,191	1,161	410	210,327,330	10,825,533	25,952,412	156,782,654
District of Columbia	497	285	14,753	338	3,234	7,877	3,163	28	113	25,453,827	1,775,704	6,772,165	11,772,280
Virginia	2,579	1,674	152,255	1,612	10,325	133,894	5,339	685	400	152,591,579	7,646,749	19,696,538	115,538,622
West Virginia	1,130	590	88,423	715	7,343	74,989	2,158	3,007	211	114,601,536	3,438,319	15,161,181	88,487,433
North Carolina	3,225	2,022	294,314	2,557	12,910	270,207	7,122	936	582	246,834,206	12,481,235	21,788,699	199,289,500
South Carolina	1,331	776	136,713	957	5,239	126,983	2,614	687	233	103,572,611	4,300,571	8,901,948	86,616,242
Georgia	3,150	2,221	179,161	1,947	10,414	157,804	7,627	811	558	144,546,175	8,142,881	15,962,137	108,083,478
Florida	2,083	1,335	64,554	1,188	4,742	52,732	4,992	541	359	56,911,235	4,568,069	7,208,049	37,883,204
EAST SOUTH CENTRAL													
Kentucky	1,640	1,035	76,887	1,333	6,591	62,794	5,335	487	347	89,452,058	6,432,315	11,585,354	61,902,354
Tennessee	2,289	1,462	153,166	1,645	10,801	131,874	7,128	1,297	421	150,670,561	8,388,027	19,435,704	109,661,769
Alabama	2,052	1,542	130,492	860	7,840	116,800	3,888	543	561	115,854,134	3,745,346	13,923,873	92,017,970
Mississippi	1,294	976	52,593	568	3,087	46,359	2,158	266	155	36,910,707	2,081,906	4,564,652	27,437,088
WEST SOUTH CENTRAL													
Arkansas	1,178	930	41,857	474	2,706	36,256	2,013	308	100	33,865,222	2,041,708	4,168,537	24,577,234
Louisiana	1,861	1,092	88,723	1,177	7,259	71,218	5,589	2,833	647	86,260,028	5,411,798	12,631,441	55,083,540
Oklahoma	1,606	1,122	38,227	752	4,662	28,114	4,260	260	179	47,970,106	3,243,023	7,836,476	30,465,185
Texas	7,376	3,990	166,438	2,652	16,876	126,992	15,731	3,254	933	199,510,575	11,434,195	32,228,366	128,138,703
MOUNTAIN:													
Montana	585	469	12,440	212	1,515	9,171	946	183	413	17,951,505	776,654	2,907,159	12,148,428
Idaho	549	429	12,936	190	1,165	10,877	561	118	25	16,314,412	605,842	2,006,670	12,754,127
Wyoming	310	229	4,591	113	679	3,484	273	29	13	6,847,867	396,136	1,284,335	4,757,094
Colorado	1,298	921	32,690	633	3,544	23,719	4,107	496	191	44,508,456	2,545,259	6,566,072	28,391,933
New Mexico	272	206	4,147	86	436	3,250	340	22	13	4,236,690	295,059	632,329	2,912,993
Arizona	332	248	8,255	133	977	6,096	883	60	106	11,317,207	652,757	1,959,272	7,162,639
Utah	560	341	15,656	326	1,960	11,555	1,314	148	353	19,122,011	1,156,733	3,434,612	11,967,762
Nevada	105	78	1,558	31	203	1,093	174	15	42	2,484,445	100,016	408,879	1,642,397
PACIFIC													
Washington	3,240	2,263	108,834	1,886	8,926	90,324	5,546	1,580	572	155,878,058	7,707,262	17,378,469	118,326,333
Oregon	2,248	1,870	74,396	1,165	5,091	63,622	3,176	1,013	329	98,065,059	4,510,194	9,224,951	77,585,546
California	12,329	11,184	362,609	5,455	42,772	275,477	33,155	3,821	1,929	543,237,217	28,063,436	82,790,140	365,114,340

[1] No data for employees of central-administrative offices are included.

[2] The 1939 Census of Manufactures questionnaire, for the first time, called for personnel employed in distribution, construction, etc., separately from the manufacturing employees of the plants, and therefore the data for earlier years probably are not strictly comparable with those for 1939. It is not known how many of the wage earners and the salaried employees reported at previous censuses were engaged in distribution and construction and how many were engaged in manufacturing.

[3] This is an average of the numbers reported for the several months of the year. In calculating it, equal weight must be given to full-time and to part-time wage earners (not reported separately by the manufacturers), and for this reason it exceeds the number that would have been required to perform the work done in the industries if all wage earners had been continuously employed throughout the year. The quotient obtained by dividing the amount of wages by the average number of wage earners

TABLE 6.—GENERAL STATISTICS IN DETAIL, BY GEOGRAPHIC DIVISIONS AND BY STATES: 1939—Continued

DIVISION AND STATE	SALARIES AND WAGES—continued			COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK					Value of products [4 5]	Value added by manufacture [6]
	Distribution	Construction	Other	Total [4 5]	Materials and supplies	Fuel	Purchased electric energy	Contract work		
United States	**$1,052,755,302**	**$107,557,384**	**$45,973,321**	**$32,160,106,681**	**$30,254,960,667**	**$850,463,848**	**$465,426,583**	**$589,255,583**	**$56,843,024,800**	**$24,682,918,119**
GEOGRAPHIC DIVISIONS:										
New England	87,850,665	9,450,755	4,098,690	2,463,[illegible]19,806	2,318,444,766	59,434,349	45,674,789	39,765,902	4,891,666,268	2,428,346,462
Middle Atlantic	335,383,692	38,129,708	14,389,622	8,684,135,574	7,969,293,883	252,449,537	128,849,769	333,542,385	16,039,272,817	7,355,137,243
East North Central	328,101,558	23,743,740	11,895,884	9,777,614,409	9,219,617,739	304,361,219	127,033,605	126,601,846	17,559,905,003	7,782,290,594
West North Central	84,851,912	3,326,763	3,288,653	2,452,694,136	2,376,644,676	36,715,393	25,619,387	13,714,680	3,815,176,638	1,362,482,502
South Atlantic	65,386,983	9,434,912	3,098,514	3,156,673,197	3,001,948,677	73,578,836	54,936,064	26,209,620	5,390,420,291	2,233,747,094
East South Central	27,250,009	2,988,269	1,472,824	1,130,137,222	1,059,596,036	37,458,217	25,756,584	7,326,385	1,958,725,580	828,588,358
West South Central	39,020,428	9,216,401	2,108,896	1,744,121,604	1,684,108,807	33,707,038	19,951,425	6,354,334	2,567,821,432	823,699,828
Mountain	12,396,933	1,514,622	1,405,881	545,186,559	514,547,651	18,389,414	8,097,129	4,152,365	819,833,003	274,646,444
Pacific	72,513,122	9,752,214	4,214,327	2,206,224,174	2,110,758,432	34,369,845	29,507,831	31,588,066	3,800,203,768	1,593,979,594
NEW ENGLAND:										
Maine	2,284,313	444,537	79,373	192,945,181	180,899,745	7,026,871	4,232,721	785,844	345,368,595	152,423,414
New Hampshire	2,124,835	177,537	56,732	132,208,206	125,242,960	3,785,852	2,221,240	958,154	237,396,015	105,187,809
Vermont	1,618,805	242,125	65,146	51,213,722	47,713,937	1,483,073	1,467,086	549,626	103,154,301	51,940,579
Massachusetts	50,550,266	4,095,866	2,189,093	1,271,451,635	1,197,485,016	27,825,411	22,163,446	23,977,762	2,459,771,043	1,188,319,408
Rhode Island	6,468,511	994,009	719,793	278,101,981	265,051,008	5,459,338	5,371,456	2,220,179	516,390,541	238,288,560
Connecticut	24,803,935	3,496,681	988,553	537,399,081	502,052,100	13,853,804	10,218,840	11,274,337	1,229,585,773	692,186,692
MIDDLE ATLANTIC:										
New York	187,845,078	12,559,158	6,968,883	3,792,505,388	3,387,605,686	68,688,521	57,615,394	278,595,787	7,134,400,147	3,341,894,759
New Jersey	56,957,269	12,987,755	3,078,294	1,904,833,634	1,824,370,746	41,544,623	22,206,622	16,711,643	3,428,947,188	1,524,113,554
Pennsylvania	90,581,345	12,582,795	4,342,445	2,986,796,552	2,757,317,451	142,216,393	49,027,753	38,234,955	5,475,925,482	2,489,128,930
EAST NORTH CENTRAL:										
Ohio	84,109,514	5,416,991	2,416,292	2,459,191,656	2,295,273,491	107,662,584	38,068,138	18,187,443	4,584,665,659	2,125,474,003
Indiana	32,343,949	3,433,018	2,398,613	1,257,436,214	1,177,875,971	58,189,015	17,237,471	4,133,757	2,227,648,011	970,211,797
Illinois	119,820,054	8,381,740	2,588,448	2,593,265,567	2,457,925,132	63,431,740	31,001,661	40,907,034	4,794,860,733	2,201,595,166
Michigan	56,760,910	3,933,542	3,236,702	2,549,818,942	2,408,803,162	54,152,489	29,185,851	57,677,440	4,348,223,244	1,798,404,302
Wisconsin	35,067,131	2,578,449	1,255,829	917,902,030	879,739,983	20,925,391	11,540,484	5,696,172	1,604,507,356	686,605,326
WEST NORTH CENTRAL:										
Minnesota	18,833,613	596,979	953,611	535,143,118	516,045,238	10,525,802	5,637,310	2,934,768	845,771,514	310,628,396
Iowa	16,640,159	547,146	804,676	473,736,522	459,732,472	6,824,085	5,034,552	2,145,413	718,531,801	244,795,279
Missouri	33,898,757	1,114,721	803,814	800,094,538	773,471,316	10,448,630	9,276,964	6,897,628	1,388,056,267	587,961,729
North Dakota	693,632	21,414	111,152	32,664,884	31,977,692	388,777	273,514	24,901	43,767,082	11,102,198
South Dakota	771,665	20,272	62,584	61,216,830	60,018,491	620,099	466,690	111,550	81,171,887	19,955,057
Nebraska	6,134,832	397,670	242,442	204,437,208	199,806,258	2,240,541	1,804,077	586,332	273,524,581	69,087,373
Kansas	7,879,254	628,561	310,404	345,401,036	335,593,209	5,667,459	3,126,280	1,014,088	464,353,506	118,952,470
SOUTH ATLANTIC:										
Delaware	1,871,993	231,972	53,548	59,570,473	55,485,729	2,590,467	1,146,534	347,743	114,753,652	55,183,179
Maryland	14,722,252	1,551,958	492,521	604,504,715	566,274,244	20,497,152	8,035,793	9,697,526	1,027,354,074	422,849,359
District of Columbia	4,897,967	49,041	186,670	35,558,454	29,008,076	542,387	542,515	5,465,476	79,875,299	44,316,845
Virginia	8,434,908	853,670	421,092	609,325,191	590,635,498	11,074,573	6,101,313	1,513,807	988,813,246	379,488,055
West Virginia	3,374,444	3,814,695	325,464	227,061,641	204,263,177	17,074,476	4,698,234	1,025,754	441,840,388	214,778,747
North Carolina	11,432,445	1,194,862	647,465	875,377,289	848,938,004	7,766,078	14,332,453	4,340,754	1,421,329,578	545,952,289
South Carolina	2,963,301	560,870	229,679	227,666,244	212,960,067	5,704,252	8,197,338	804,587	397,512,863	169,846,619
Georgia	11,215,598	741,460	400,621	394,086,519	377,010,078	5,486,777	9,581,510	2,008,154	677,402,657	283,316,138
Florida	6,474,075	436,384	341,454	123,522,671	117,373,804	2,842,674	2,300,374	1,005,819	241,538,534	118,015,863
EAST SOUTH CENTRAL:										
Kentucky	8,552,510	631,614	347,911	293,629,345	282,249,949	6,843,554	3,226,734	1,309,108	481,029,771	187,400,426
Tennessee	11,295,049	1,379,035	510,977	407,745,923	384,872,373	8,114,866	11,018,770	3,739,914	728,087,825	320,341,902
Alabama	5,029,470	696,063	441,412	327,287,079	295,904,175	20,454,685	9,542,071	1,386,148	574,670,690	247,383,611
Mississippi	2,372,980	281,557	172,524	101,474,875	96,569,539	2,045,112	1,969,009	891,215	174,937,294	73,462,419
WEST SOUTH CENTRAL:										
Arkansas	2,558,928	394,463	124,352	92,776,835	87,309,584	2,016,579	2,076,666	1,374,006	160,166,984	67,390,149
Louisiana	7,987,476	4,294,221	851,552	365,179,436	349,670,615	9,526,459	4,753,615	1,228,747	565,265,273	200,085,837
Oklahoma	5,948,427	291,006	185,989	209,050,080	201,082,131	4,859,541	2,496,604	611,804	312,168,499	103,118,419
Texas	22,525,597	4,236,711	947,003	1,077,115,253	1,046,046,477	17,304,459	10,624,540	3,139,777	1,530,220,676	453,105,423
MOUNTAIN:										
Montana	1,403,294	270,868	445,102	112,094,844	106,904,378	2,411,058	2,396,926	382,482	151,885,026	39,790,182
Idaho	698,048	158,330	91,395	58,704,943	55,246,793	1,329,052	950,729	1,178,369	90,475,147	31,770,204
Wyoming	336,117	37,747	36,438	29,793,628	27,936,277	1,292,043	480,833	84,475	45,423,103	15,629,475
Colorado	6,088,374	619,420	297,398	130,386,505	121,497,123	6,721,673	1,534,341	633,368	221,642,666	91,256,161
New Mexico	357,384	28,062	10,863	16,411,877	15,178,253	596,613	234,023	402,988	25,123,641	8,711,764
Arizona	1,268,003	112,662	161,874	65,488,191	61,657,357	2,250,473	1,147,261	433,100	97,529,481	32,041,290
Utah	1,968,994	265,549	328,361	123,452,364	119,063,018	3,038,852	1,140,373	210,121	167,172,226	43,719,862
Nevada	276,719	21,984	34,450	8,854,207	7,064,452	749,650	212,643	827,462	20,581,713	11,727,506
PACIFIC:										
Washington	9,346,392	2,216,891	902,711	350,002,546	329,882,548	7,926,348	6,396,052	5,797,598	636,649,809	286,647,263
Oregon	5,139,646	1,214,788	389,934	193,199,692	176,416,716	3,325,758	3,573,413	9,883,805	365,374,436	172,174,744
California	58,027,084	6,320,535	2,921,682	1,663,021,936	1,604,45[illegible],168	23,117,739	19,538,366	15,906,663	2,798,179,523	1,135,157,587

should not, therefore, be accepted as representing the average wage received by full-time wage earners. In making comparisons between the figures for 1939 and those for earlier years, the likelihood that the proportion of part-time employment varied from year to year should be taken into account. Also see footnote 2, above.

[4] Profits and losses cannot be calculated from the census figures because no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, and advertising.

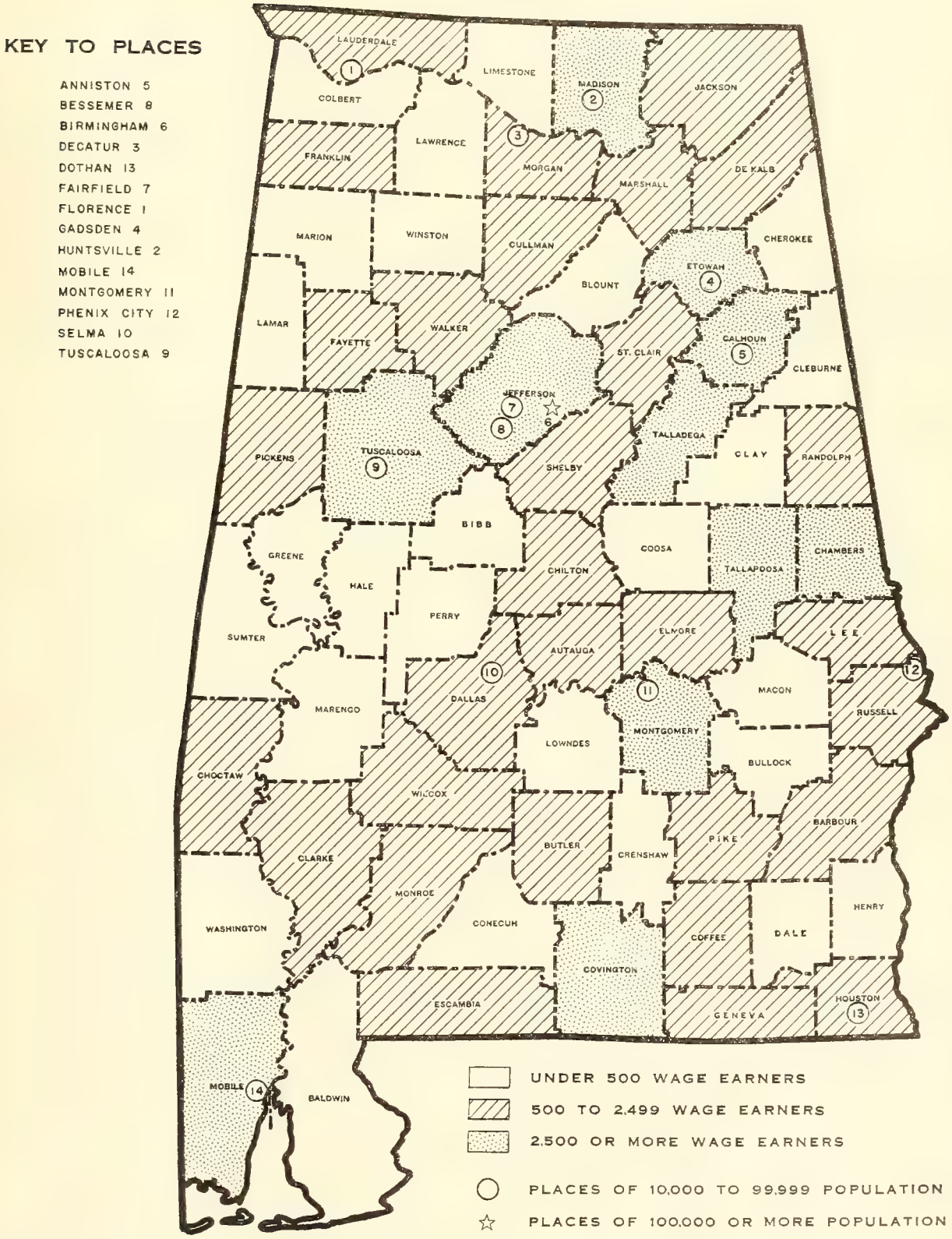
[5] The aggregates for cost of materials and value of products include large but indeterminable amounts of duplication due to the use of the products of some industries as material by others. This duplication occurs, as a rule, between different industries, and is not found to any great extent in individual industries.

[6] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work.

REPORTS FOR STATES

ALABAMA

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939



Prepared by the Bureau of the Census, Department of Commerce

ALABAMA

TABLE 1.—SUMMARY FOR THE STATE: 1939, 1937, AND 1929

CENSUS YEAR	Number of establishments	Proprietors and firm members	Number of persons employed in manufacturing [1]	Salaries and wages [1]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2]	Value of products [2]	Value added by manufacture [3]
1939	2,052	1,542	125,500	$109,687,189	$327,287,079	$574,670,690	$247,383,611
1937	1,874	1,298	129,133	114,569,173	336,327,661	573,768,522	237,435,861
1929	2,789	2,155	121,484	113,998,383	292,121,090	536,881,629	244,760,539

[1] Figure for 1939 does not include data for employees of manufacturing establishments (except salaried officers of corporations) who were engaged in distribution, construction, and other nonmanufacturing work. For detail, see table 8. It is not known to what extent data for such nonmanufacturing employees were included in figures reported for earlier years. See GENERAL EXPLANATIONS—Persons engaged—general classification.

[2] The aggregates for cost of materials, etc., and value of products include large amounts of duplication due to the use of the products of some industries as materials by others. See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 2.—SUMMARY FOR COUNTIES AND PLACES: 1939

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [1]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2] [3]	Value of products [2] [3]	Value added by manufacture [4]
The State	2,832,961	[5] 2,052	115,800	$92,017,970	$327,287,079	$574,670,690	$247,383,611
COUNTIES [5]							
Autauga	20,977	12	643	377,764	501,497	1,278,039	776,542
Baldwin	32,324	45	321	194,285	707,393	1,388,570	681,177
Barbour	32,722	41	1,482	729,622	1,339,121	2,617,254	1,278,133
Bibb	20,185	11	251	90,916	205,826	576,537	370,711
Blount	29,490	15	282	149,049	340,130	618,557	278,427
Bullock [6]	19,810	11	327				
Butler	32,447	15	1,015	535,718	978,537	1,868,286	889,749
Calhoun	63,319	65	6,081	4,683,262	10,916,448	21,077,623	10,161,175
Chambers	42,146	21	6,901				
Cherokee	19,928	21	224	111,517	299,544	548,155	248,611
Chilton	27,955	28	601	295,580	524,112	1,096,046	571,934
Choctaw	20,195	28	644	299,285	503,633	1,092,202	588,569
Clarke	27,636	30	1,087	508,347	725,319	1,838,751	1,113,432
Clay	16,907	17	176	78,227	289,052	446,854	157,802
Cleburne	13,629	7	206	118,930	116,359	718,338	301,979
Coffee	31,987	11	619	307,072	1,756,209	2,389,209	633,000
Colbert	34,093	24	886	331,294	1,364,107	2,323,767	959,660
Conecuh	25,489	11	208	97,407	192,321	403,738	211,417
Coosa	13,460	8	376	181,876	403,754	828,362	424,608
Covington	42,417	43	3,389	1,775,686	4,954,231	8,026,041	3,071,810
Crenshaw	23,631	5	70	31,684	156,403	236,997	80,594
Cullman	47,343	22	636	350,909	1,287,809	2,040,727	752,918
Dale	22,685	12	400	165,531	680,982	1,039,897	358,915
Dallas	55,245	39	997	497,402	3,349,150	4,633,126	1,283,976
De Kalb	43,075	17	929	550,939	940,230	1,768,276	828,046
Elmore	34,546	17	696	440,636	842,071	1,719,395	877,324
Escambia	30,671	20	1,298	801,654	1,373,354	3,024,924	1,651,570
Etowah	72,580	52	8,835	8,159,163	29,775,564	53,401,061	23,625,497
Fayette	21,651	25	640	371,080	1,069,133	1,850,145	781,012
Franklin	27,552	12	519	348,467	783,179	1,653,519	870,340
Geneva	29,172	8	600	328,988	920,974	1,464,750	543,776
Greene	19,185	6	119	66,700	48,200	189,100	140,900
Hale	25,533	10	248	92,428	136,624	509,085	372,461
Henry	21,912	14	132	65,756	619,872	780,800	160,928
Houston	45,665	36	671	411,342	3,135,318	4,791,912	1,656,594
Jackson	41,802	21	974	538,119	1,274,419	2,512,838	1,238,419
Jefferson	459,930	383	28,921	33,190,010	150,819,105	256,659,263	105,840,158
Lamar	19,708	13	123	62,908	458,680	639,914	181,234
Lauderdale	46,230	22	844	535,790	1,786,349	2,926,139	1,139,790
Lawrence [6]	27,880	1					
Lee	36,455	29	1,534	972,707	2,582,253	4,748,795	2,166,542
Limestone	35,642	9	55	35,584	73,163	181,245	108,082
Lowndes	22,661	21	325	122,841	235,141	503,137	267,996
Macon	27,651	9	152	59,523	186,608	424,853	238,245
Madison	66,317	30	2,959	1,902,194	4,672,518	7,642,455	2,969,937
Marengo	35,736	15	478	231,519	490,324	1,073,119	582,795
Marion [6]	28,776	10	434				
Marshall	42,395	25	1,061	618,848	1,073,027	2,194,164	1,121,137
Mobile	141,974	158	8,819	7,058,686	24,771,706	47,179,785	22,408,079
Monroe	29,465	17	758	394,175	852,642	1,803,974	951,332

See footnotes at end of table.

TABLE 2.—SUMMARY FOR COUNTIES AND PLACES: 1939—Continued

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
COUNTIES [5]—continued							
Montgomery	114,420	114	3,360	$2,208,415	$13,763,828	$21,047,635	$7,283,807
Morgan	48,148	31	2,390	2,090,177	4,806,106	8,527,362	3,721,256
Perry [6]	26,610	7	299				
Pickens	27,671	20	718	380,002	706,577	1,287,874	581,297
Pike	32,493	24	544	266,797	2,230,411	3,073,286	842,875
Randolph	25,516	17	1,100	600,777	1,782,886	3,052,163	1,269,277
Russell	35,775	37	580	293,707	537,901	1,321,954	784,053
St. Clair [6]	27,336	12	1,046				
Shelby	28,962	20	1,207	711,217	1,241,047	2,574,988	1,333,941
Sumter	27,321	14	470	243,870	346,892	1,084,784	737,892
Talladega	51,832	48	4,849	3,034,539	8,327,611	13,364,285	5,036,674
Tallapoosa	35,270	40	5,336	3,355,579	7,486,966	12,720,928	5,233,962
Tuscaloosa	76,036	57	3,104	2,411,569	9,208,388	14,461,290	5,252,902
Walker	64,201	26	727	476,020	1,046,707	1,954,617	907,910
Washington	16,188	27	498	230,014	482,116	1,007,261	525,145
Wilcox	26,279	18	637	291,381	437,378	974,360	536,982
Winston	18,746	18	436	229,519	411,953	784,237	372,284
Undistributed [7]		62	9,010	5,632,867	13,657,921	30,703,942	17,046,021
PLACES HAVING 10,000 OR MORE INHABITANTS							
Anniston	25,523	48	3,708	2,769,096	5,637,935	11,296,791	5,658,856
Bessemer	22,826	17	2,004	2,049,191	8,269,048	16,434,042	8,164,994
Birmingham	267,583	302	12,071	11,834,793	52,261,924	91,104,272	38,842,348
Decatur	16,604	27	2,348	2,067,912	4,731,297	8,401,789	3,670,492
Dothan	17,194	29	655	400,815	3,079,001	4,680,811	1,601,810
Fairfield [8]	11,703	6	190				
Florence	15,043	19	794	514,815	1,561,826	2,812,881	1,091,055
Gadsden	36,975	33	8,317	8,050,037	28,961,436	51,738,675	22,777,239
Huntsville [8]	13,050	17	133				
Mobile	78,720	93	3,107	2,601,908	10,980,017	23,622,407	12,642,390
Montgomery [8]	78,084	107	2,507				
Phenix City	15,351	9	64	28,365	93,525	188,482	94,957
Selma	19,834	23	636	333,132	2,891,465	3,811,516	920,051
Tuscaloosa	27,493	28	598	353,380	1,530,634	2,790,784	1,260,150

[1] Not including salaried officers and employees nor nonmanufacturing wage earners. The figure for each county or place is an average of the numbers reported for the several months of the year. In calculating it, equal weight must be given to full-time and to part-time wage earners (not reported separately by the manufacturers), and for this reason it exceeds the number that would have been required to perform the work done in the industries if all wage earners had been continuously employed throughout the year. The quotient obtained by dividing the amount of wages by the average number of wage earners cannot, therefore, be accepted as representing the average wage received by full-time wage earners. Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several counties do not add exactly to the average for the State. In making comparisons between the figures for 1939 and those for earlier years, the possibility that the proportion of part-time employment varied from year to year should be taken into account.

[2] Profits and losses cannot be calculated from the census figures because no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, and advertising.

[3] See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

[5] For numbers of establishments by "Industry groups," see table 10.

[6] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Undistributed" figures.

[7] The "Undistributed" figure for number of establishments and a part of the "Undistributed" figure for number of wage earners are included above in the items for the respective counties. The sums of the figures in these two columns are, therefore, larger than the corresponding State totals.

[8] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments.

TABLE 3.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, BY SEX: 1939 AND 1929

[The 1939 schedule, for the first time, called for data on the *total* number of employees in manufacturing establishments, including those engaged wholly or chiefly in distribution, construction, and other nonmanufacturing activities. It is not known to what extent data for such employees were included in the figures reported for earlier years. This table presents detailed figures for employees receiving pay at any time within the *normal* pay-roll period ended nearest Oct. 14, 1939, and for such employees on Dec. 14, 1929, the nearest *representative* date. The total for "Wage earners engaged in manufacturing" is not identical with the average for the year given in other tables and differs from the number reported for October 1939, or for December 1929, because for both years some manufacturers gave wage-earner figures for months other than those specified. See GENERAL EXPLANATIONS—Persons engaged—general classification]

CLASS AND SEX	1939 (Oct. 14)	1929 (Dec. 14)
All persons engaged [1]	139,907	121,398
Male	113,302	103,713
Female	26,605	17,685
Salaried officers and employees, total	13,692	9,854
Male	11,733	8,454
Female	1,959	1,400
Salaried officers of corporations, total	860	1,094
Male	792	1,059
Female	68	35
All other employees (except wage earners in manufacturing), total	12,832	8,760
Male	10,941	7,395
Female	1,891	1,365
Salaried officers and employees—Continued.		
All other employees, etc.—Continued.		
Engaged in manufacturing:		
Male	6,500	(3)
Female	1,340	
Engaged in distribution:		
Male	3,389	
Female	499	
Engaged in construction:		
Male	543	
Engaged in other work:		
Male	509	
Female	52	
Wage earners engaged in manufacturing, total	126,215	111,544
Male	101,569	95,259
Female	24,646	16,285

[1] See headnote.
[2] Figures do not include data for 1,542 proprietors and firm members for 1939 and 2,175 for 1929, which were not reported by sex for 1939.
[3] No data.

TABLE 4.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS: 1939, 1937, AND 1929

[The figures for 1939 relate to wage earners engaged in manufacturing only. It is not known to what extent the figures for earlier years include data for nonmanufacturing wage earners. See headnote to table 3]

CENSUS YEAR	Average number employed during year [1]	NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH—											
		January	February	March	April	May	June	July	August	September	October	November	December
1939	116,800	112,051	113,255	115,321	114,767	112,134	112,089	113,271	115,327	119,713	123,657	124,867	125,145
1937	120,301	117,531	119,826	122,697	124,464	123,366	124,925	122,104	122,485	121,124	118,338	115,589	111,764
1929	111,630	110,051	111,193	112,879	112,457	109,830	110,270	111,691	112,978	112,500	113,061	111,689	110,974

[1] See GENERAL EXPLANATIONS—Wage earners and wages.

TABLE 5.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY NUMBER OF WAGE EARNERS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS	VALUE ADDED BY MANUFACTURE [2]
	1939	1929	1939	1929	1939	1939
All establishments	2,052	2,789	116,800	111,630	$574,670,690	$217,382,611
No wage earners	29	22			459,336	174,414
1 to 5	671	1,529	1,889	6,792	14,102,103	6,759,990
6 to 20	674	564	7,738	6,693	31,081,461	14,959,085
21 to 50	292	286	9,530	9,542	46,083,143	17,787,310
51 to 100	161	161	11,372	11,976	54,035,021	20,879,203
101 to 250	125	135	20,984	21,672	94,166,022	42,540,006
251 to 500	58	51	19,497	17,992	87,612,955	36,511,019
501 to 1,000	28	26	20,718	17,980	92,199,824	40,070,461
1,001 to 2,500	12	12	[3] 25,073	[3] 18,983	[3] 154,900,825	[3] 67,702,093
2,501 or more	2					

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Combined to avoid disclosing data for individual establishments.

TABLE 6.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY VALUE OF PRODUCTS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
All establishments	2,052	2,789	116,800	111,630	$574,670,690	$536,881,629	$247,383,611	$244,760,539
$5,000 to $19,999	792	1,418	4,606	7,171	8,401,862	13,463,299	5,045,107	8,821,135
$20,000 to $49,999	445	483	5,224	5,717	14,235,876	15,257,605	7,674,260	9,136,953
$50,000 to $99,999	215	259	4,620	5,418	15,096,304	18,368,759	7,368,003	9,453,299
$100,000 to $249,999	257	273	11,158	11,053	39,755,030	42,929,738	19,063,846	20,357,172
$250,000 to $499,999	139	137	13,868	13,564	48,545,880	48,927,093	20,567,398	23,459,626
$500,000 to $999,999	101	108	17,309	17,771	69,331,317	75,288,371	28,432,212	32,900,133
$1,000,000 to $2,499,999	61	69	22,693	19,800	93,272,243	98,909,597	38,478,380	43,109,619
$2,500,000 to $4,999,999	24	28	13,124	13,081	81,413,704	94,852,971	35,623,998	40,320,687
$5,000,000 and over	18	14	24,197	18,055	204,618,474	128,884,196	85,130,407	57,201,915

[1] See headnotes to tables 3 and 4.

[2] See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 7.—ESTABLISHMENTS CLASSIFIED AS UNDER CORPORATE OR OTHER FORM OF OWNERSHIP (OR CONTROL) AND AS UNDER CENTRAL-ADMINISTRATIVE-OFFICE OR INDEPENDENT OPERATION: 1939 AND 1929

TYPE OF OWNERSHIP OR CONTROL, AND OF OPERATION	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
Total	2,052	2,789	116,800	111,630	$574,670,690	$536,881,629	$247,383,611	$244,760,539
TYPE OF OPERATION								
1939 [3]								
Corporate ownership or control:								
Central-administrative-office (plural-unit)	485	(3)	75,983	(3)	429,841,165	(3)	181,592,088	(3)
Independent (single-unit)	387	(3)	23,425	(3)	90,587,301	(3)	40,539,549	(3)
Noncorporate ownership:								
Central-administrative-office (plural-unit)	133	(3)	3,749	(3)	13,184,034	(3)	5,658,407	(3)
Independent (single-unit)	1,047	(3)	13,643	(3)	41,058,190	(3)	19,593,567	(3)
1939 AND 1929 [3]								
Central-administrative-office (plural-unit), corporate and noncorporate	618	397	79,732	57,474	443,025,199	335,227,302	187,250,495	142,777,708
Independent (single-unit), corporate and noncorporate	1,434	2,392	37,068	54,156	131,645,491	201,654,327	60,133,116	101,982,831
TYPE OF OWNERSHIP OR CONTROL								
Corporate	872	963	99,408	93,002	520,428,466	482,595,871	222,131,637	216,955,332
Noncorporate, total	1,180	1,826	17,392	18,628	54,242,224	54,285,758	25,251,974	27,805,207
Individual	840	(4)	10,098	(4)	26,670,481	(4)	12,914,373	(4)
Partnership	333	(4)	7,260	(4)	27,400,334	(4)	12,220,772	(4)
Cooperative	6	(5)	34		171,409		116,829	
Other	1							

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Because of changes in the questionnaire, no comparable figures for 1929 can be given for the first section of this table. For this reason, the items have been regrouped under "1939 and 1929" to present comparable figures so far as this can be done.
[4] No data.
[5] Figures for 1939 combined to avoid disclosing data for individual establishments; no data for 1929.

TABLE 8.—GENERAL STATISTICS FOR

[This table presents separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments, given, however, reported—arger numbers of wage earners or larger

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS[1]						
					Total[2]	Salaried officers of corporations[2]	Manufacturing		Distribution	Construction	Other
							Salaried employees[2]	Wage earners (average for year)[3]			
1		All industries, total	2,052	1,542	130,492	860	7,840	116,800	3,888	543	561
2	6	Baskets for fruits and vegetables	3	1	119	2	5	110	2		
3	16	Batteries, storage and primary (dry and wet)	3	4	32		1	24	7		
4	1	Biscuit, crackers, and pretzels	6	5	402	3	5	342	52		
5	14	Blast-furnace products	7		2,393		169	2,224			
6	1	Blended and prepared flour made from purchased flour	5	3	45		4	28	13		
7	8	Bookbinding and related industries	5	4	38	2	5	28	3		
8	8	Books: printing without publishing	4	1	82	7	8	56	11		
9	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	80	69	2,068	20	149	1,633	209	8	49
10	13	Brick and hollow structural tile	20	10	925	14	51	846	10	4	
11	20	Brooms	7	7	103		8	94	1		
12	1	Candy and other confectionery products	8	5	139	1	6	104	25		3
13	1	Canned fish, crustacea, and mollusks	3	1	193	1	4	187	1		
14	6	Caskets, coffins, burial cases, and other morticians' goods	12	8	266	9	28	212	17		
15	14	Cast-iron pipe and fittings	24	1	8,441	25	457	7,847	78	6	28
16	13	Cement	8		1,210	5	107	1,033	45	20	
17	1	Cheese	3	1	15	1	3	9	2		
18	9	Chemicals not elsewhere classified	5	1	1,047		175	745	3	124	
19	13	Clay refractories, including refractory cement (clay)	4	1	254		17	235	1		1
20	9	Coal-tar products, crude and intermediate	3		166		9	155		2	
21	9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	7		99		12	62	25		
22	13	Concrete products	23	11	243	3	21	216	3		
23	6	Cooperage	5	2	113	1	7	104		1	
24	3	Cordage and twine	4		963	6	57	896	4		
25	3	Cotton broad woven goods	50	13	29,539	30	800	28,326	97	3	283
26	9	Cottonseed oil, cake, meal, and linters	28	5	1,486	25	142	1,226	73	12	8
27	3	Cotton yarn	23		5,613	14	122	5,426	15		36
28	1	Creamery butter	3	1	20		4	13	3		
29	9	Drugs and medicines (including drug grinding)	3	3	7	3		4			
30	6	Excelsior	3	1	34	2	4	28			
31	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	16	6	1,230	17	153	981	75	2	2
32	9	Fertilizers	42	15	1,407	26	112	1,129	123	15	
33	1	Flavoring extracts and flavoring sirups, not elsewhere classified	3	1	49	1	10	25	13		
34	1	Flour and other grain-mill products	11	11	67	2	3	46	16		
35	1	Food preparations, not elsewhere classified	17	12	418	14	33	259	110	2	
36	8	General commercial (job) printing	62	58	505	30	69	348	58		
37	14	Gray-iron and semisteel castings	18	14	500	5	33	454	8		
38	9	Gum naval stores (processing but not gathering or warehousing)	68	72	163	5	70	87	1		
39	3	Hosiery—full-fashioned	6		1,146	2	52	1,092			
40	3	Hosiery—seamless	6		1,236	23	31	1,178	4		
41	6	Household furniture, except upholstered	7	10	145	2	18	120	5		
42	1	Ice cream and ices	37	18	503	27	48	194	224	7	3
43	1	Ice, manufactured	107	69	747	32	77	296	313	16	13
44	9	Insecticides, fungicides, and related industrial and household chemical compounds	6	2	46	4	6	24	12		
45	3	Knitted underwear	6		1,681	21	58	1,582	15		5
46	13	Lime	9	2	512	6	19	475	12		
47	5	Logging camps and logging contractors (not operating sawmills)	33	39	322		2	320			
48	17	Machine-shop products, not elsewhere classified	12	10	469	11	51	402	5		
49	17	Machine-shop repairs	25	21	146	12	20	110	4		
50	6	Mattresses and bedsprings	14	14	222	10	9	167	36		
51	1	Meat packing, wholesale	16	15	903	10	75	620	150	27	21
52	4	Men's and boys' shirts (except work shirts), collars and nightwear—made in inside factories or by jobbers engaging contractors	4		1,601	8	37	1,549	7		
53	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	13	9	414	9	43	348	14		
54	18	Motor vehicles, motor-vehicle bodies, parts and accessories	5	3	95	5	15	66	9		
55	8	Newspapers: publishing and printing	82	81	1,553	39	493	714	304	2	1
56	8	Newspapers: publishing without printing	3	3	17		12		5		
57	1	Nonalcoholic beverages	90	109	1,277	33	112	452	659	2	19
58	10	Oven coke and coke-oven byproducts	6		1,565		111	1,451		3	
59	9	Paints, varnishes, and lacquers	3		130	8	8	48	56	8	2
60	7	Paper bags, except those made in paper mills	3		1,153	2	48	1,101	2		
61	10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	6		144	2	12	128	1	1	
62	9	Perfumes, cosmetics, and other toilet preparations	3	2	24	2	3	14	5		
63	8	Periodicals; publishing without printing	9	2	66	11	35	18	2		
64	8	Photoengraving, not done in printing establishments (including preparation of plates)	7	2	44	8	5	31			
65	5	Planing mills not operated in conjunction with sawmills	87	98	2,292	22	165	2,030	61	1	13
66	14	Power boilers and associated products	7	4	518	8	79	420	11		

See footnotes at end of table.

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and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures are values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [3]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [3]	Wages											
$115,854,134	$3,745,346	$13,923,873	$92,017,970	$5,029,470	$696,063	$441,412	$327,287,079	$295,904,175	$20,454,685	$9,542,071	$1,386,148	$574,670,690	$247,383,611	1
48,684	5,232	4,773	38,173	506			34,337	34,170	90	77		105,368	71,031	2
(5)		(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)	3
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)	4
3,045,003		369,080	2,675,923				28,177,163	18,736,513	9,322,179	118,471		37,085,389	8,908,226	5
40,073		4,876	16,017	19,180			877,987	876,204	21	1,762		1,028,163	150,176	6
72,625	18,615	10,170	31,805	12,035			25,123	23,534	385	1,204		146,586	121,463	7
158,418	19,377	13,040	87,772	38,229			128,872	121,105	941	3,762	3,064	375,826	246,954	8
2,074,218	101,507	234,345	1,449,689	225,759	18,651	44,267	3,933,709	3,758,896	92,560	82,253		8,607,617	4,673,908	9
635,599	58,521	78,820	478,734	16,724	2,800		534,252	95,554	357,666	81,032		1,749,798	1,215,546	10
52,290		8,122	42,668	1,500			122,907	121,264	112	1,531		195,863	72,956	11
90,788	4,800	8,708	52,075	15,614	8,673	918	231,993	226,439	3,664	1,890		367,188	135,195	12
61,188	875	2,870	56,443	1,000			303,585	298,385	4,047	1,153		473,042	169,457	13
256,044	39,739	39,884	125,811	50,610			441,872	435,829	609	5,434		918,063	476,191	14
8,738,918	138,928	906,942	7,490,057	122,618	12,878	67,495	12,982,208	11,662,060	966,034	354,114		30,662,008	17,679,800	15
1,612,224	63,943	243,348	1,178,270	99,579	27,084		3,136,216	1,652,605	788,593	695,018		7,989,177	4,852,961	16
14,308	2,260	3,078	7,970	1,000			148,756	143,371	1,903	3,482		192,685	43,929	17
(5)		(5)	(5)	(5)	(5)		(5)	(5)	(5)	(5)		(5)	(5)	18
200,254		27,968	171,286	600		400	268,288	185,871	79,397	3,020		650,838	382,550	19
221,484		25,528	183,175		12,781		2,027,953	1,961,669	56,164	9,168	952	3,017,024	989,071	20
(5)		(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)	21
206,695	7,860	35,096	159,939	3,800			729,179	717,362	3,641	8,176		1,323,637	594,458	22
(5)	(5)	(5)	(5)		(5)		(5)	(5)	(5)	(5)		(5)	(5)	23
698,497	11,040	100,018	584,024	3,415			1,517,473	1,401,997	10,258	97,385	7,833	2,794,736	1,277,263	24
19,728,509	154,247	1,486,923	17,849,007	73,797	3,645	160,890	40,237,345	37,369,494	347,374	2,520,477		75,044,582	34,807,237	25
1,037,068	74,627	224,799	636,455	76,353	20,355	4,479	9,138,552	8,875,090	129,370	134,092		10,756,520	1,617,468	26
3,549,185	54,658	206,961	3,259,945	17,546		10,075	8,244,678	7,648,018	53,125	517,780	25,755	14,077,102	5,832,424	27
(5)		(5)	(5)	(5)	(5)		(5)	(5)	(5)	(5)		(5)	(5)	28
7,492	4,625		2,867				10,160	10,065	35	60		35,868	25,708	29
25,263	900	5,518	18,845				22,419	17,833	3,001	1,585		52,411	29,992	30
1,443,460	121,491	261,117	917,985	134,857	5,010	3,000	4,485,011	4,419,485	8,727	56,799		7,854,210	3,369,199	31
823,252	61,676	157,381	519,883	77,552	3,745	3,015	6,758,443	6,672,179	6,675	79,589		9,453,063	2,694,620	32
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)	33
58,028	10,600	4,400	25,343	17,685			457,499	448,195	3,093	6,211		627,022	169,523	34
377,202	83,745	42,770	109,620	136,007	5,060		2,652,357	2,601,809	11,178	7,870	31,500	3,431,546	779,189	35
623,144	86,421	97,954	380,157	58,612			637,012	588,447	4,681	23,383	20,501	1,739,966	1,102,954	36
394,667	18,679	64,300	296,288	15,400			389,161	328,822	39,192	17,362	3,785	1,039,154	649,993	37
71,725	10,800	31,097	25,428	4,400			886,315	879,549	5,484	416	866	1,238,532	352,217	38
1,261,279	17,800	81,738	1,161,741				1,470,487	1,431,309	5,979	25,506	7,693	3,079,599	1,609,112	39
775,675	45,029	36,193	684,805	9,648			1,019,942	984,191	19,185	14,294	2,272	2,069,764	1,049,822	40
79,781	5,266	14,296	52,265	7,954			129,467	124,702	1,172	2,500	1,093	248,212	118,745	41
580,271	106,324	65,382	159,968	241,279	4,321	2,997	1,439,777	1,339,933	16,531	83,313		2,719,788	1,280,011	42
617,335	67,335	91,850	238,788	203,179	5,865	10,318	411,806	110,028	51,423	250,355		1,665,648	1,253,842	43
63,577	24,700	10,489	19,601	8,787			130,828	119,263	2,641	4,599	4,325	261,485	130,657	44
967,870	28,969	72,504	836,260	27,562		2,575	2,175,435	2,122,960	26,813	25,662		3,488,533	1,313,098	45
401,160	34,609	29,534	324,115	12,902			609,379	322,399	249,885	37,095		1,155,633	546,254	46
144,440		2,360	142,080				258,619	185,511	4,940		68,168	514,644	256,025	47
578,285	69,084	94,510	404,533	10,158			690,069	622,751	22,852	14,604	29,862	2,045,333	1,355,264	48
182,305	21,026	18,018	139,642	3,619			131,881	120,547	1,407	9,567	360	457,709	325,828	49
253,320	34,202	14,263	143,828	61,027			703,728	693,014	2,677	8,037		1,170,986	467,258	50
1,017,711	91,500	140,948	579,609	164,024	23,367	18,263	9,879,789	9,769,576	39,280	66,910	4,023	11,239,523	1,359,734	51
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)	52
463,872	33,865	63,064	340,294	26,649			339,655	282,567	2,603	46,530	7,955	1,097,104	757,449	53
95,484	9,744	18,176	56,254	10,625	685		206,173	201,624	360	4,189		367,224	161,051	54
2,459,735	260,934	817,853	985,536	392,148	2,640	624	1,564,417	1,480,669	13,434	61,773	8,541	6,225,502	4,661,085	55
13,764		11,524		2,240			24,225	407		12	23,806	51,059	26,834	56
1,491,707	127,222	202,438	337,534	793,440	10,196	20,877	3,559,195	3,483,178	21,013	55,004		8,092,866	4,533,671	57
2,069,083		304,828	1,752,824		11,431		15,225,857	14,558,302	399,633	172,384	95,538	20,138,932	4,913,075	58
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)		(5)	(5)	59
1,141,853	21,600	97,476	1,007,777	15,000			6,110,410	6,081,294	5,136	23,980		7,905,311	1,794,901	60
124,987	9,000	17,024	96,796	1,430	737		233,899	207,067	17,654	9,178		598,206	364,307	61
21,720	1,950	3,600	9,218	6,952			31,663	31,331	158	174		96,993	65,330	62
88,915	26,780	42,010	16,409	3,716			121,855	1,911	49	96	119,799	269,574	147,719	63
86,320	30,378	4,330	51,612				25,575	21,753	124	2,094	1,604	150,424	124,849	64
1,503,474	64,677	206,530	1,165,663	61,376	450	4,778	5,088,802	4,899,062	12,114	35,324	142,302	8,071,128	2,982,326	65
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)	66

TABLE 8.—GENERAL STATISTICS FOR

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1]						
					Total [2]	Salaried officers of corporations [2]	Manufacturing		Distribution	Construction	Other
							Salaried employees [2]	Wage earners (average for year) [3]			
1	1	Prepared feeds (including mineral) for animals and fowls	10	8	364	13	41	194	103	.....	13
2	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	11	6	177	.....	15	108	54	.....	.....
3	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	612	539	18,627	98	789	17,431	229	58	22
4	15	Sheet-metal work not specifically classified	5	.....	105	2	9	72	22	.....	.....
5	19	Shipbuilding and ship repairing	5	2	1,715	7	100	1,600	5	3	.....
6	20	Signs, advertising displays, and advertising novelties	7	6	37	2	3	32	.....	.....	.....
7	9	Soap and glycerin	3	4	15	1	4	6	4	.....	.....
8	14	Steel works and rolling mills	9	.....	14,837	7	1,174	13,496	45	105	10
9	14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	8	2	1,513	16	54	1,385	58	.....	.....
10	4	Textile bags—not made in textile mills	3	6	272	.....	33	235	4	.....	.....
11	11	Tires and inner tubes	3	3	1,412	.....	124	1,248	6	18	16
12	9	Vegetable and animal oils, not elsewhere classified	4	.....	147	2	16	119	8	2	.....
13	1	Vinegar and cider	3	.....	24	.....	3	20	1	.....	.....
14	14	Wirework not elsewhere classified	4	.....	61	1	13	47	.....	.....	.....
15	6	Wooden boxes except cigar boxes	10	13	359	3	8	340	8	.....	.....
16	9	Wood naval stores	3	.....	211	3	31	173	.....	4	.....
17	6	Wood preserving	7	.....	751	1	47	630	8	65	.....
18	6	Wood products not elsewhere classified	13	12	162	2	12	145	2	.....	1
19	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	5	3	316	4	9	283	20	.....	.....
20		Other industries [4]	192	107	32,542	154	2,661	28,876	528	285	38
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]									
21	1	Food and kindred products	24	16	772	9	44	635	84	.....	.....
22	4	Apparel and other finished products made from fabrics and similar materials	21	19	3,560	17	143	3,354	40	.....	6
23	6	Furniture and finished lumber products	12	5	291	10	22	239	19	1	.....
24	8	Printing, publishing, and allied industries	7	3	247	11	90	134	12	.....	.....
25	9	Chemicals and allied products	23	2	1,792	11	262	1,293	84	140	2
26	13	Stone, clay, and glass products	11	2	914	8	48	821	32	4	1
27	15	Nonferrous metals and their products	4	3	103	6	7	87	3	.....	.....
28	16	Electrical machinery	9	14	240	7	42	174	15	.....	2
29	17	Machinery (except electrical)	9	7	860	8	86	724	42	.....	.....
30	19	Transportation equipment except automobiles	10	7	2,100	9	140	1,935	13	3	.....
31	20	Miscellaneous industries	6	4	32	5	2	22	3	.....	.....
	3	Textile-mill products and other fiber manufactures	8	8	1,575	10	133	1,417	14	.....	1
	7	Paper and allied products	8	.....	2,053	12	171	1,813	45	12	.....
	11	Rubber products	3	3	1,412	.....	124	1,248	6	18	16
32	14	Iron and steel and their products, except machinery	32	10	16,274	26	1,332	14,712	87	107	10
	5	Lumber and timber basic products	1								
	10	Products of petroleum and coal	2	4	316	5	15	267	29	.....	.....
	12	Leather and leather products	2								

* As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.

[2] Figures do not include data for personnel of central-administrative offices.

[3] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

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SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
$482,334	$106,525	$60,388	$166,344	$137,252	----------	$11,825	$4,823,746	$4,790,786	$5,295	$27,665	----------	$5,667,124	$843,378	1
130,834	----------	17,613	82,455	30,766	----------	----------	1,987,945	1,965,909	4,787	17,249	----------	2,429,471	441,526	2
10,341,069	433,941	1,016,460	8,567,003	256,839	$47,861	18,965	14,201,261	13,319,127	243,946	57,306	$580,882	32,512,574	18,311,313	3
106,093	10,000	13,904	48,856	33,333	----------	----------	575,188	572,089	762	2,337	----------	775,425	200,237	4
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	5
31,755	2,507	1,933	27,315	----------	----------	----------	52,335	50,072	686	1,195	382	120,619	68,284	6
20,069	5,400	3,170	3,669	7,830	----------	----------	23,158	22,372	303	483	----------	41,587	18,429	7
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	8
1,412,394	102,037	84,626	1,122,258	103,473	----------	----------	1,113,130	980,058	72,069	39,103	21,900	3,560,979	2,447,849	9
(5)	----------	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	10
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	11
59,280	2,875	6,744	44,443	4,828	390	----------	1,062,053	1,043,448	8,306	10,299	----------	1,152,790	90,737	12
24,983	----------	7,352	16,591	1,040	----------	----------	85,173	79,634	2,610	2,929	----------	146,554	61,381	13
(5)	(5)	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	14
244,776	38,400	7,009	185,138	14,229	----------	----------	310,626	307,662	232	2,732	----------	726,296	415,670	15
(5)	(5)	(5)	(5)	----------	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	16
502,921	3,000	73,099	387,843	9,739	29,240	----------	2,303,795	2,149,236	84,306	17,354	52,899	3,366,680	1,062,885	17
99,728	2,100	14,182	79,468	3,900	----------	78	124,069	111,833	614	7,450	4,172	270,938	146,869	18
188,736	11,700	13,461	141,995	21,580	----------	----------	438,902	432,516	2,165	4,221	----------	642,013	203,111	19
39,358,934	739,701	5,443,108	31,565,786	1,116,568	438,198	55,573	119,061,940	108,572,270	6,811,342	3,564,012	114,316	217,043,476	97,981,536	20
680,973	41,620	85,466	434,962	117,250	1,675	----------	3,039,318	2,990,374	25,155	23,789	----------	5,604,095	2,564,777	21
2,253,780	91,894	154,235	1,801,242	200,401	----------	6,008	6,062,500	6,013,230	14,710	34,560	----------	9,643,154	3,580,654	22
244,564	28,839	34,059	159,269	21,958	439	----------	491,290	479,600	4,302	7,388	----------	930,335	439,045	23
380,574	50,027	131,433	142,320	56,794	----------	----------	359,020	272,163	1,695	5,991	79,171	1,449,457	1,090,437	24
2,476,402	39,888	614,851	1,526,113	140,600	153,840	1,110	7,671,700	7,007,976	303,508	360,216	----------	17,720,873	10,049,173	25
868,664	31,793	83,148	691,652	54,618	6,485	968	1,204,746	856,651	209,190	138,905	----------	3,191,875	1,987,129	26
112,147	15,900	12,412	76,335	7,500	----------	----------	381,442	362,045	10,927	5,016	3,454	537,672	156,230	27
263,863	24,290	52,113	162,248	23,873	----------	1,339	770,796	751,314	10,981	8,501	----------	1,211,683	440,887	28
970,522	27,805	154,498	693,732	94,487	----------	----------	889,462	828,823	32,383	28,256	----------	2,245,052	1,355,590	29
2,351,256	101,773	333,125	1,891,857	19,501	5,000	----------	4,827,761	4,718,833	21,460	87,468	----------	10,460,583	5,632,822	30
34,257	8,320	1,265	22,040	2,632	----------	----------	20,135	19,089	151	895	----------	71,670	51,535	31
28,721,932	277,552	3,786,503	23,964,016	376,954	270,759	46,148	93,343,770	84,272,172	6,176,880	2,863,027	31,691	163,977,027	70,633,257	32

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[6] For numbers of establishments and of wage earners in individual industries, see table 11.

TABLE 9.—GENERAL STATISTICS FOR BIRMINGHAM, BY INDUSTRIES: 1939

[This table presents separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures are given, however, reported larger numbers of wage earners or larger values of products than some of those shown separately. No data for nonmanufacturing personnel, except salaried officers of corporations, are included in this table]

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
	All industries, total	302	166	234	1,609	12,071	$1,276,997	$3,038,621	$11,834,793	$52,261,924	$91,104,272	$38,842,348
14	Blast-furnace products	3	.	. . .	88	570	. . . . .	(4)	(4)	(4)	(4)	(4)
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	24	17	8	76	699	46,513	134,679	637,173	1,786,425	3,792,491	2,006,066
20	Brooms	3	3	. . .	7	56	. . . . .	6,429	25,566	59,867	100,848	40,981
1	Candy and other confectionery products	3	2	. . .	3	27	. . . .	2,988	18,061	87,416	119,450	32,034
6	Caskets, coffins, burial cases, and other morticians' goods	4	1	7	21	92	33,614	30,786	68,200	286,228	607,686	321,458
14	Cast-iron pipe and fittings	5	. .	8	195	2,528	84,623	463,181	2,783,959	5,386,393	13,602,738	8,216,345
9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	4	. . .	. . .	8	20	. . . . .	(4)	(4)	(4)	(4)	(4)
13	Concrete products	7	2	3	8	98	7,860	14,074	83,168	361,574	651,656	290,082
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	12	6	13	117	669	102,938	205,119	653,718	3,455,975	5,755,905	2,299,930
9	Fertilizers	3	. . . .	. . . .	12	135	. . . . .	11,730	67,364	698,825	1,033,964	335,139
1	Food preparations, not elsewhere classified	6	2	4	10	46	33,045	12,824	32,384	363,572	639,414	275,842
8	General commercial (job) printing	23	16	20	35	167	58,971	61,837	172,838	270,409	778,860	508,451
14	Gray-iron and semisteel castings	9	7	4	19	290	16,620	44,926	201,806	312,738	784,672	471,934
1	Ice cream and ices	8	1	5	22	53	(4)	(4)	(4)	(4)	(4)	(4)
1	Ice, manufactured	10	2	1	4	35	4,000	3,885	26,902	77,268	203,464	126,196
17	Machine-shop products, not elsewhere classified	5	4	4	25	187	(4)	(4)	(4)	(4)	(4)	(4)
17	Machine-shop repairs	3	2	3	6	13	(4)	(4)	(4)	(4)	(4)	(4)
6	Mattresses and bedsprings	4	6	6	5	112	(4)	(4)	(4)	(4)	(4)	(4)
1	Meat packing, wholesale	3	2	3	33	251	(4)	(4)	(4)	(4)	(4)	(4)
13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	3	3	. . .	1	30	(4)	(4)	(4)	(4)	(4)	(4)
8	Newspapers: publishing and printing	[illegible]	1	6	267	261	(4)	(4)	(4)	(4)	(4)	(4)
1	Nonalcoholic beverages	10	15	4	24	102	18,926	47,162	82,565	989,280	1,944,544	955,264
10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	3	. . . .	2	4	20	9,000	5,699	13,589	116,219	177,429	61,210
8	Photoengraving, not done in printing establishments (including preparation of plates)	4	. . .	6	5	23	(4)	(4)	(4)	(4)	(4)	(4)
5	Planing mills not operated in conjunction with sawmills	5	1	4	5	105	11,399	10,401	89,400	302,267	580,002	277,735
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	4	2	. . .	4	35	(4)	(4)	(4)	(4)	(4)	(4)
20	Signs, advertising displays, and advertising novelties	4	3	2	. . . .	23	2,507	. . . . .	15,624	21,941	66,032	44,091
	Other industries [5]	171	89	154	1,069	6,979	846,981	1,982,901	6,862,476	37,685,527	60,265,117	22,579,590
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	33	14	22	118	970	168,940	208,324	787,020	11,735,034	15,642,473	3,907,439
4	Apparel and other finished products made from fabrics and similar materials	7	6	9	32	448	37,804	44,143	279,065	933,632	1,648,840	715,208
6	Furniture and finished lumber products	16	12	15	22	383	57,887	29,806	303,380	1,334,948	2,212,635	877,687
8	Printing, publishing, and allied industries	25	7	35	403	473	251,184	717,892	697,706	1,451,100	5,275,333	3,824,233
9	Chemicals and allied products	20	10	13	47	295	53,971	96,137	274,475	2,426,880	3,586,699	1,159,819
13	Stone, clay, and glass products	9	3	5	28	435	52,713	51,356	379,353	739,690	1,612,103	872,413
14	Iron and steel and their products, except machinery	20	5	18	208	1,812	82,719	464,695	2,007,301	10,926,418	17,322,557	6,396,139
16	Electrical machinery	7	13	7	40	163	24,290	49,313	157,205	760,913	1,184,984	424,071
17	Machinery (except electrical)	13	7	13	89	690	57,953	168,095	758,229	1,062,795	2,455,686	1,392,891
20	Miscellaneous industries	3	1	5	2	11	8,320	1,265	15,032	14,673	45,781	31,108
3	Textile-mill products and other fiber manufactures	2										
5	Lumber and timber basic products	1										
7	Paper and allied products	2										
10	Products of petroleum and coal	2										
11	Rubber products	1	11	12	80	1,299	51,200	151,875	1,203,710	6,299,444	9,278,026	2,978,582
15	Nonferrous metals and their products	7										
18	Automobiles and automobile equipment	2										
19	Transportation equipment except automobiles	1										

* As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] Figures do not include data for personnel of central-administrative offices.

[2] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

[4] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.

[5] For number of establishments and of wage earners in individual industries, see table 11.

TABLE 10.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939

COUNTY	Total	INDUSTRY GROUP																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
The State	2,052	425		103	26	733	81	11	179	183	14	3	2	88	105	9	9	46	5	10	20
Autauga	12	1		2		7												1			1
Baldwin	45	4				9	1		3	26				1							1
Barbour	41	4		4		26	1		1	3				1				1			
Bibb	11	1				9			1												
Blount	15	2				9			2					2							
Bullock	11	1		1		8			1												
Butler	15	3		1	2	4	1		2	2											
Calhoun	65	14		13		11	3		5	2				3	11			2			1
Chambers	21	5		8		6			2												
Cherokee	21	1				20															
Chilton	28	2		1		22	1		2												
Choctaw	28					28															
Clarke	30	1		1		25			2					1							
Clay	17	1				16															
Cleburne	7					7															
Coffee	11	4		1		2	1		1	1			1								
Colbert	24	5				8	1		2	2	1	1		1	1	1		1			
Conecuh	11	1				6	1		1	1									1		
Coosa	8					7	1														
Covington	43	9		2	4	14	2		3	6				2	1						
Crenshaw	5	1				4															
Cullman	22	4				12	1		3	2											
Dale	12	1		1		7			1	1								1			
Dallas	39	10			2	16	1		1	3	1			2	1			2			
De Kalb	17	2		4		8			1	1				1							
Elmore	17	5		2		7			2					1							
Escambia	20	7				3	1		2	5				1				1			
Etowah	52	15		3		5	3		4	2	1	1		4	11			3			
Fayette	25	5		1		15			1	1				1				1			
Franklin	12	3		1	1	4			1					2							
Geneva	8	2		1	1	2				2											
Greene	6					6															
Hall	10	1				6	1		1					1							
Henry	14	2				9				2								1			
Houston	36	16		1		3			4	7				3				2			
Jackson	21	2		4	2	11			1						1						
Jefferson	383	96		2	8	20	25	2	46	51	9	1		30	65	7	7	15	2	2	10
Lamar	13					11			1	1											
Lauderdale	22	10		2		3	1		3	1					1					1	
Lawrence	1	1																			
Lee	29	8		2		11			4	2				1				1			
Limestone	9	3				4			2												
Lowndes	21					21															
Macon	9	2				4			1	2											
Madison	30	7		4		7	3		5	1							1				2
Marengo	15	3				10			1					1							
Marion	10	2		1		7															
Marshall	25	6		3		10	1		3	2											
Mobile	158	42		3	3	30	9	6	17	21	2			4	4		1	7		5	4
Monroe	17	4		1		9	1		1	1											
Montgomery	114	37		2	2	21	8		19	15				4	1	1		3	1		
Morgan	31	10		3		5			2	6				1	2					1	1
Perry	7	1		1		4			1												
Pickens	20	3		1		15			1												
Pike	24	7				10	2		1	3								1			
Randolph	17	2		2	1	8			2	2											
Russell	37	3				23	3		1	3				4							
St. Clair	12	1		1		8								2							
Shelby	20	1		1		10				1				7							
Sumter	14	2				12															
Talladega	48	9		11		10	2		5	3				4	4						
Tallapoosa	40	6		8		20	3		2						1						
Tuscaloosa	57	15				23	2	3	5	3				2	1			1	1	1	
Walker	26	4		2		14			2				1	1				2			
Washington	27					11				16											
Wilcox	18	1				16	1														
Winston	18	2		1		14			1												

TABLE 11.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE AND FOR BIRMINGHAM: 1939

[In order to avoid disclosing data for individual establishments, wage-earner figures for industries represented by fewer than three establishments are withheld]

Group No.[1]	TITLE	Number of establishments	Wage earners
	STATE OF ALABAMA		
1	Biscuit, crackers, and pretzels	6	342
	Canned and dried fruits and vegetables (including canned soups)	1	.....
	Condensed and evaporated milk	2	.....
	Creamery butter	3	13
	Flavoring extracts and flavoring sirups, not elsewhere classified	3	25
	Oleomargarine—not made in meat-packing establishments	1	.....
	Pickled fruits and vegetables and vegetable sauces and seasonings	2	.....
	Poultry dressing and packing, wholesale	1	.....
	Preserves, jams, jellies, and fruit butters	1	.....
	Quick-frozen foods	1	.....
	Salad dressings	2	.....
	Special dairy products	1	.....
3	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	1	.....
	Cotton thread	1	.....
	Dyeing and finishing cotton, rayon, silk, and linen textiles	2	.....
	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	1	.....
	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	1	.....
	Rayon narrow fabrics	2	.....
4	Canvas products (except bags)	2	.....
	Children's dresses—made in inside factories or by jobbers engaging contractors	1	.....
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	1	.....
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	1	.....
	Housefurnishings (except curtains, draperies, and bedspreads)	1	.....
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	4	1,549
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	1	.....
	Men's and boys' underwear—made in inside factories or by jobbers engaging contractors	1	.....
	Millinery	2	.....
	Textile bags—not made in textile mills	3	235
	Trousers (semidress), wash suits, and washable service apparel	2	.....
	Work shirts	2	.....
5	Plywood mills	1	.....
6	Cooperage	5	104
	Partitions, shelving, cabinet work, and office and store fixtures	2	.....
	Upholstered household furniture	2	.....
	Venetian blinds	2	.....
	Window shades	1	.....
7	Coated and glazed paper	1	.....
	Paper and paperboard mills	3	1,127
	Paperboard containers and boxes not elsewhere classified	1	.....
	Pulp mills	3	502
8	Engraving (steel, copperplate, and wood); plate printing	2	.....
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	2	.....
	Machine and hand typesetting (including advertisement typesetting)	1	.....
	Periodicals: publishing and printing	2	.....
9	Chemicals not elsewhere classified	5	745
	Cleaning and polishing preparations, blackings, and dressings	1	.....
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	7	62
	Explosives	2	.....
	Lubricating oils and greases—not made in petroleum refineries	1	.....
	Paints, varnishes, and lacquers	3	48
	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	1	.....
	Wood naval stores	3	173
10	Petroleum refining	1	.....
	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	1	.....
11	Tires and inner tubes	3	1,248
12	Footwear (except rubber)	1	.....
	Saddlery, harness, and whips	1	.....
	STATE OF ALABAMA—Continued		
13	Asbestos products (except steam packing and pipe and boiler covering)	1	.....
	Minerals and earths, ground or otherwise treated	2	.....
	Mirrors and other glass products made of purchased glass	1	.....
	Nonclay refractories	1	.....
	Roofing tile	1	.....
	Sewer pipe and kindred products	2	.....
	Steam and other packing; pipe and boiler covering	2	.....
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	1	.....
14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	2	.....
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	1	.....
	Forgings, iron and steel—made in plants not operated in connection with rolling mills	2	.....
	Power boilers and associated products	7	420
	Saws	2	.....
	Stamped and pressed metal products (except automobile stampings)	2	.....
	Steel barrels, kegs, and drums	2	.....
	Steel castings	1	.....
	Steel works and rolling mills	9	13,496
	Wirework not elsewhere classified	4	47
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	1	.....
	Lighting fixtures	1	.....
	Nonferrous-metal foundries (except aluminum)	2	.....
16	Batteries, storage and primary (dry and wet)	3	24
	Carbon products for the electrical industry, and manufactures of carbon or artificial graphite	2	.....
	Electrical appliances	1	.....
	Electrical products not elsewhere classified	1	.....
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	1	.....
	Wiring devices and supplies	1	.....
17	Agricultural machinery (except tractors)	1	.....
	Cars and trucks, industrial	1	.....
	Food-products machinery	1	.....
	Industrial machinery, not elsewhere classified	2	.....
	Mining machinery and equipment	1	.....
	Special-industry machinery, not elsewhere classified	2	.....
	Woodworking machinery	1	.....
19	Boat building and boat repairing	2	.....
	Cars and car equipment—railroad, street, and rapid-transit	1	.....
	Locomotives (including frames) and parts: railroad, mining, and industrial	1	.....
	Shipbuilding and ship repairing	5	1,600
	Transportation equipment not elsewhere classified	1	.....
20	Games and toys (except dolls and children's vehicles)	2	.....
	Hand stamps, stencils, and brands	1	.....
	Models and patterns (except paper patterns)	1	.....
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	2	.....
	CITY OF BIRMINGHAM		
1	Biscuit, crackers, and pretzels	5	.....
	Blended and prepared flour made from purchased flour	1	.....
	Creamery butter	1	.....
	Flavoring extracts and flavoring sirups, not elsewhere classified	2	.....
	Flour and other grain-mill products	1	.....
	Ice cream and ices	8	53
	Meat packing, wholesale	3	251
	Oleomargarine—not made in meat-packing establishments	1	.....
	Pickled fruits and vegetables and vegetable sauces and seasonings	1	.....
	Prepared feeds (including mineral) for animals and fowls	2	.....
	Preserves, jams, jellies, and fruit butters	1	.....
	Quick-frozen foods	1	.....
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	4	35
	Special dairy products	1	.....
	Vinegar and cider	1	.....
3	Cotton broad woven goods	1	.....
	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	1	.....

See footnote at end of table.

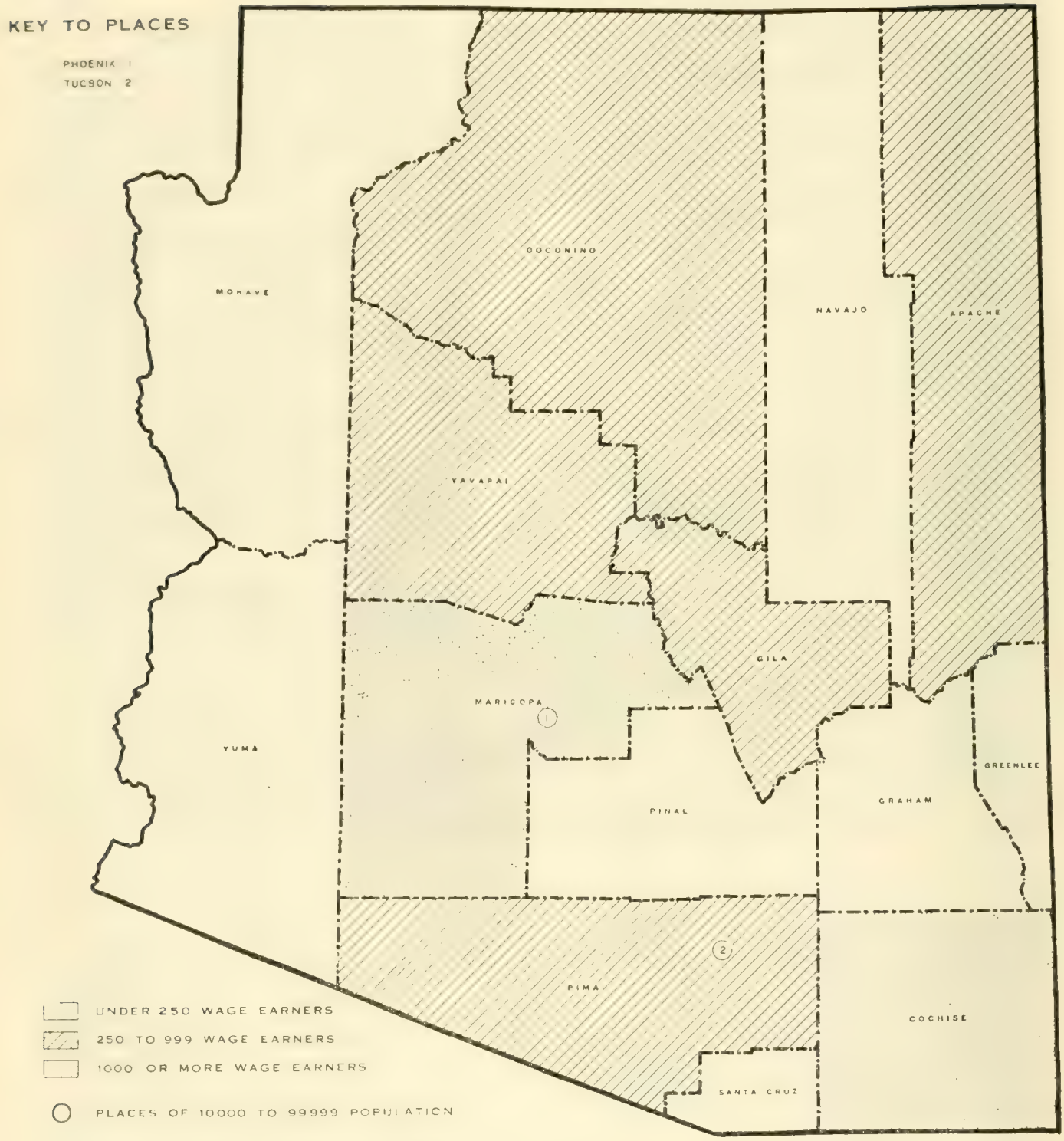
TABLE 11.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE AND FOR BIRMINGHAM: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	CITY OF BIRMINGHAM—Continued		
4	Canvas products (except bags)	1	
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	1	
	Millinery	2	
	Textile bags—not made in textile mills	1	
	Trousers (semidress), wash suits, and washable service apparel	1	
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	1	
5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	1	
6	Baskets for fruits and vegetables	1	
	Cooperage	1	
	Excelsior	1	
	Household furniture, except upholstered	1	
	Mattresses and bedsprings	4	112
	Partitions, shelving, cabinet work, and office and store fixtures	1	
	Upholstered household furniture	1	
	Venetian blinds	1	
	Window shades	1	
	Wooden boxes except cigar boxes	1	
	Wood preserving	1	
	Wood products not elsewhere classified	2	
7	Coated and glazed paper	1	
	Paperboard containers and boxes not elsewhere classified	1	
8	Bookbinding and related industries	2	
	Books: printing without publishing	2	
	Engraving (steel, copperplate, and wood); plate printing	2	
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	1	
	Machine and hand typesetting (including advertisement typesetting)	1	
	Newspapers: publishing and printing	3	261
	Newspapers: publishing without printing	2	
	Periodicals: publishing and printing	1	
	Periodicals: publishing without printing	7	
	Photoengraving, not done in printing establishments (including preparation of plates)	4	23
9	Chemicals not elsewhere classified	1	
	Cleaning and polishing preparations, blackings, and dressings	1	
	Coal-tar products, crude and intermediate	1	
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	4	20
	Cottonseed oil, cake, meal, and linters	2	
	Insecticides, fungicides, and related industrial and household chemical compounds	4	
	Lubricating oils and greases—not made in petroleum refineries	1	
	Paints, varnishes, and lacquers	2	
	Perfumes, cosmetics, and other toilet preparations	2	
	Soap and glycerin	2	
	CITY OF BIRMINGHAM—Continued		
10	Oven coke and coke-oven byproducts	2	
11	Tires and inner tubes	1	
13	Cement	1	
	Clay refractories, including refractory cement (clay)	1	
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	3	30
	Roofing tile	1	
	Sewer pipe and kindred products	1	
	Steam and other packing; pipe and boiler covering	2	
14	Blast-furnace products	3	570
	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	1	
	Forgings, iron and steel—made in plants not operated in connection with rolling mills	2	
	Power boilers and associated products	6	
	Saws	2	
	Stamped and pressed metal products (except automobile stampings)	1	
	Steel works and rolling mills	1	
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	2	
	Wirework not elsewhere classified	2	
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	1	
	Nonferrous-metal foundries (except aluminum)	2	
	Sheet-metal work not specifically classified	4	
16	Batteries, storage and primary (dry and wet)	2	
	Carbon products for the electrical industry, and manufactures of carbon or artificial graphite	2	
	Electrical products not elsewhere classified	1	
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	1	
	Wiring devices and supplies	1	
17	Cars and trucks, industrial	1	
	Industrial machinery, not elsewhere classified	1	
	Machine-shop products, not elsewhere classified	5	187
	Machine-shop repairs	3	13
	Mining machinery and equipment	1	
	Special-industry machinery, not elsewhere classified	1	
	Woodworking machinery	1	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	2	
19	Locomotives (including frames) and parts: railroad, mining, and industrial	1	
20	Hand stamps, stencils, and brands	1	
	Models and patterns (except paper patterns)	1	
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	1	

[1] For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and of industry groups, sec. 27.

ARIZONA

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939



Prepared by the Bureau of the Census, Department of Commerce

ARIZONA

Table 1.—SUMMARY FOR THE STATE: 1939, 1937, AND 1929

CENSUS YEAR	Number of establishments	Proprietors and firm members	Number of persons employed in manufacturing [1]	Salaries and wages [1]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2]	Value of products [2]	Value added by manufacture [3]
1939	332	248	7,206	$9,774,668	$65,488,191	$97,529,481	$32,041,290
1937	290	182	8,481	11,425,211	84,721,115	118,355,981	33,634,866
1929	325	191	10,461	16,570,435	165,753,737	194,654,302	28,900,565

[1] Figure for 1939 does not include data for employees of manufacturing establishments (except salaried officers of corporations) who were engaged in distribution, construction, and other nonmanufacturing work. For detail, see table 8. It is not known to what extent data for such nonmanufacturing employees were included in figures reported for earlier years. See General Explanations—Persons engaged—general classification.

[2] The aggregates for cost of materials, etc., and value of products include large amounts of duplication due to the use of the products of some industries as materials by others. See General Explanations—Duplication in cost of materials and value of products.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See General Explanations—Value added by manufacture.

Table 2.—SUMMARY FOR COUNTIES AND PLACES: 1939

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
The State	499,261	[5] 332	6,096	$7,162,639	$65,488,191	$97,529,481	$32,041,290
COUNTIES [5]							
Apache [6]	24,095	3	633				
Cochise [6]	34,627	20	1,077				
Coconino	18,770	16	467	501,881	839,250	2,087,438	1,248,188
Gila [6]	23,867	15	469				
Graham	12,113	9	40	45,300	283,648	463,527	179,879
Greenlee	8,698	3	2	1,282	10,602	27,044	16,442
Maricopa	186,193	152	1,960	2,189,787	14,415,947	22,847,634	8,431,687
Mohave	8,591	4	21	26,137	58,849	141,086	82,237
Navajo	25,309	14	166	170,910	117,561	495,626	378,065
Pima	72,838	56	436	478,715	1,538,711	3,182,284	1,643,573
Pinal [6]	28,841	6	147				
Santa Cruz [6]	9,482	3	8				
Yavapai [6]	26,511	17	590				
Yuma	19,326	14	81	76,298	406,024	796,348	390,324
Undistributed [7]		64	2,924	3,672,329	47,817,599	67,488,494	19,670,895
PLACES HAVING 10,000 OR MORE INHABITANTS							
Phoenix	65,414	99	982	1,152,852	3,903,891	8,730,275	4,826,384
Tucson	36,818	43	274	333,407	905,245	2,026,113	1,120,868

[1] Not including salaried officers and employees nor nonmanufacturing wage earners. The figure for each county or place is an average of the numbers reported for the several months of the year. In calculating it, equal weight must be given to full-time and to part-time wage earners (not reported separately by the manufacturers), and for this reason it exceeds the number that would have been required to perform the work done in the industries if all wage earners had been continuously employed throughout the year. The quotient obtained by dividing the amount of wages by the average number of wage earners cannot, therefore, be accepted as representing the average wage received by full-time wage earners. Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several counties do not add exactly to the average for the State. In making comparisons between the figures for 1939 and those for earlier years, the possibility that the proportion of part-time employment varied from year to year should be taken into account.

[2] Profits and losses cannot be calculated from the census figures because no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, and advertising.

[3] See General Explanations—Duplication in cost of materials and value of products.

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See General Explanations—Value added by manufacture.

[5] For numbers of establishments by "Industry groups," see table 9.

[6] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Undistributed" figures.

[7] The "Undistributed" figure for number of establishments and the "Undistributed" figure for number of wage earners are included above in the items for the respective counties. The sums of the figures in these two columns are, therefore, larger than the corresponding State totals.

TABLE 3.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, BY SEX: 1939 AND 1929

The 1939 questionnaire, for the first time, called for data on the *total* number of employees in manufacturing establishments, including those engaged wholly or chiefly in distribution, construction, and other nonmanufacturing activities. It is not known to what extent data for such employees were included in the figures reported for earlier years. This table presents detailed figures for employees receiving pay at any time within the *normal* pay roll period ended nearest Oct. 14, 1939, and for such employees on the pay roll on Dec. 14, 1929, or on the nearest *representative* date. The total for "Wage earners engaged in manufacturing" is not identical with the average for the year (given in other tables), and differs from the number reported for October 1939 or for December 1929, because for both years some manufacturers gave wage-earner figures for months other than those specified. See GENERAL EXPLANATIONS—Persons engaged—general classification]

CLASS AND SEX	1939 (Oct. 14)[1]	1929 (Dec. 14)[1]
All classes, aggregate[2]	8,384	10,508
Male	7,982	10,119
Female	402	389
Salaried officers and employees, total	2,159	1,484
Male	1,850	1,279
Female	309	205
Salaried officers of corporations, total	133	142
Male	124	135
Female	9	7
All other employees (except wage earners in manufacturing), total	2,026	1,342
Male	1,726	1,144
Female	300	198
Salaried officers and employees—Continued.		
All other employees, etc.—Continued.		
Engaged in manufacturing:		
Male	809	(3)
Female	168	
Engaged in distribution:		
Male	784	
Female	99	
Engaged in construction:		
Male	60	
Engaged in other work:		
Male	73	
Female	33	
Wage earners engaged in manufacturing, total	6,225	9,024
Male	6,132	8,840
Female	93	184

[1] See headnote.
[2] Figures do not include data for 248 proprietors and firm members for 1939 and 191 for 1929, which were not reported by sex for 1939.
[3] No data.

TABLE 4.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS: 1939, 1937, AND 1929

[The figures for 1939 relate to wage earners engaged in manufacturing only. It is not known to what extent the figures for earlier years include data for nonmanufacturing wage earners. See headnote to table 3]

CENSUS YEAR	Average number employed during year[1]	NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH—											
		January	February	March	April	May	June	July	August	September	October	November	December
1939	6,096	6,046	5,889	5,766	5,982	6,159	6,305	6,207	5,920	6,044	6,169	6,225	6,437
1937	7,193	6,724	6,618	6,843	7,230	7,062	7,502	7,788	7,484	7,667	7,506	7,050	6,839
1929	8,977	8,521	8,396	8,824	9,238	9,185	9,331	9,363	9,097	9,270	9,119	8,816	8,561

[1] See GENERAL EXPLANATIONS—Wage earners and wages.

TABLE 5.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY NUMBER OF WAGE EARNERS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR)[1]		VALUE OF PRODUCTS	VALUE ADDED BY MANUFACTURE[2]
	1939	1929	1939	1929	1939	1939
All establishments	332	325	6,096	8,977	$97,529,481	$32,041,290
No wage earners	14	11			210,730	125,896
1 to 5	182	166	514	436	5,024,243	2,351,116
6 to 20	84	95	925	1,050	6,797,168	3,191,266
21 to 50	33	30	992	935	8,577,417	3,301,594
51 to 100	8	8	591	549	4,742,413	2,943,793
101 to 250	8	7	1,215	1,394	29,834,048	9,121,728
251 to 500	1	5	[3] 1,859	1,918	[3] 42,343,462	[3] 11,005,897
501 to 1,000	2	3		2,695		

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Combined to avoid disclosing data for individual establishments.

TABLE 6.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY VALUE OF PRODUCTS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
All establishments	332	325	6,096	8,977	$97,529,481	$194,654,302	$32,041,290	$28,900,565
$5,000 to $19,999	111	115	310	267	1,237,925	1,316,720	738,687	799,442
$20,000 to $49,999	95	88	488	490	2,959,107	2,817,968	1,613,067	1,762,163
$50,000 to $99,999	56	47	638	549	3,970,667	3,266,725	2,202,547	1,872,898
$100,000 to $249,999	34	33	602	758	4,644,720	5,367,950	2,151,426	3,003,877
$250,000 to $499,999	17	16	642	616	5,911,948	5,610,395	2,514,149	2,755,602
$500,000 to $999,999	8	9	385	649	5,699,627	5,776,400	1,796,758	1,763,404
$1,000,000 to $2,499,999	4	5	1,005	1,558	6,339,012	7,030,540	4,528,138	4,585,432
$2,500,000 to $4,999,999	1	3	[3] 2,026	476	[3] 66,766,475	9,683,756	[3] 16,496,518	2,070,269
$5,000,000 and over	6	9		3,614		153,783,848		10,287,478

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Combined to avoid disclosing data for individual establishments.

TABLE 7.—ESTABLISHMENTS CLASSIFIED AS UNDER CORPORATE OR OTHER FORM OF OWNERSHIP (OR CONTROL) AND AS UNDER CENTRAL-ADMINISTRATIVE-OFFICE OR INDEPENDENT OPERATION: 1939 AND 1929

TYPE OF OWNERSHIP OR CONTROL, AND OF OPERATION	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
Total	332	325	6,096	8,977	$97,529,481	$194,654,302	$32,041,290	$28,900,565
TYPE OF OPERATION								
1939 [3]								
Corporate ownership or control:								
Central-administrative-office (plural-unit)	67	(3)	3,176	(3)	68,476,697	(3)	19,858,255	(3)
Independent (single-unit)	83	(3)	1,905	(3)	22,974,175	(3)	9,039,886	(3)
Noncorporate ownership:								
Central-administrative-office (plural-unit)	14	(3)	65	(3)	731,792	(3)	372,741	(3)
Independent (single-unit)	168	(3)	950	(3)	5,346,817	(3)	2,770,408	(3)
1939 AND 1929 [3]								
Central-administrative-office (plural-unit), corporate and noncorporate	81	38	3,241	3,928	69,208,489	145,607,886	20,230,996	12,039,237
Independent (single-unit), corporate and noncorporate	251	287	2,855	5,049	28,320,992	49,046,416	11,810,294	16,861,328
TYPE OF OWNERSHIP OR CONTROL								
Corporate	150	145	5,081	8,039	91,450,872	188,123,917	28,898,141	25,591,101
Noncorporate, total	182	180	1,015	938	6,078,609	6,530,385	3,143,149	3,309,464
Individual	129	(4)	644	(4)	3,866,710	(4)	2,089,297	(4)
Partnership	50	(4)	352	(4)	2,038,596	(4)	1,007,103	(4)
Cooperative	2	[5]						
Other	1		19		173,303		46,749	

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Because of changes in the questionnaire, no comparable figures for 1929 can be given for the first section of this table. For this reason, the items have been regrouped under "1939 and 1929" to present comparable figures so far as this can be done.
[4] No data.
[5] Figures for 1939 combined to avoid disclosing data for individual establishments; no data for 1929.

TABLE 8.—GENERAL STATISTICS FOR

[This table presents separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments given, however, reported larger numbers of wage earners or

	Group No.	INDUSTRY	Number of establishments	Proprietors and firm members	PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
1		All industries, total	332	248	8,255	133	977	6,096	883	60	106
2	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	55	59	600	9	43	450	85	6	7
3	13	Brick and hollow structural tile	5	5	138	2	6	118	11		1
4	13	Concrete products	5	1	44	2	3	34	2		3
5	9	Cottonseed oil, cake, meal, and linters	6		177	5	14	158			
6	8	General commercial (job) printing	15	9	158	14	22	106	16		
7	14	Gray-iron and semisteel castings	5	3	164	4	8	152			
8	1	Ice cream and ices	19	12	151	4	24	76	41	1	5
9	1	Ice, manufactured	28	11	354	5	21	181	140	6	1
10	13	Lime	4	9	118		7	103		2	6
11	17	Machine-shop products, not elsewhere classified	4	3	70	2	7	52	9		
12	17	Machine-shop repairs	4	5	23		1	22			
13	6	Mattresses and bedsprings	5	6	40	2	5	31	2		
14	1	Meat packing, wholesale	16	19	553	12	56	312	158	4	11
15	8	Newspapers: publishing and printing	33	21	652	19	187	290	156		
16	1	Nonalcoholic beverages	24	22	232	7	21	90	113		1
17	8	Periodicals: publishing without printing	8	2	43	2	34		7		
18	5	Planing mills not operated in conjunction with sawmills	5	1	104	1	13	85	2	1	2
19	1	Poultry dressing and packing, wholesale	3	3	6			5	1		
20	1	Prepared feeds (including mineral) for animals and fowls	4		65	4	10	49		2	
21	15	Primary smelting and refining of nonferrous metals	6		2,101		259	1,816		7	19
22	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	16	22	1,280	5	71	1,128	19	25	32
23	6	Wooden boxes except cigar boxes	7		186	4	14	148	15		5
24		Other industries [4]	55	35	996	30	151	690	106	6	13
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [4]									
25	1	Food and kindred products	17	7	334	13	53	180	78	5	5
26	8	Printing, publishing, and allied industries	7	10	46	2	19	24	1		
27	9	Chemicals and allied products	7	1	192	6	32	136	10		8
28	12	Leather and leather products	3	3	32		4	27	1		
29	13	Stone, clay, and glass products	5	1	67	3	5	59			
30	20	Miscellaneous industries	4	4	28		5	18	5		
31	5	Lumber and timber basic products	3	3	101		5	96			
	6	Furniture and finished lumber products	5	5	28	2	1	22	3		
	14	Iron and steel and their products, except machinery	2								
	15	Nonferrous metals and their products	1	1	168	4	27	128	8	1	
	18	Automobiles and automobile equipment	1								

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.
[2] Figures do not include data for personnel of central-administrative offices.
[3] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

THE STATE, BY INDUSTRIES: 1939

and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures are larger values of products than some of those shown separately]

SALARIES AND WAGES						COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK								
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [3]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
11,317,207	652,757	1,959,272	7,162,639	1,268,003	112,662	161,874	65,488,191	61,657,357	2,250,473	1,147,261	433,100	97,529,481	32,041,290	1
782,216	53,280	75,209	562,069	81,494	4,220	5,944	1,575,070	1,498,424	35,615	41,031	----------	3,349,696	1,774,626	2
93,075	6,000	10,750	68,163	7,598	----------	564	56,653	11,686	36,164	8,803	----------	225,142	168,489	3
39,333	5,840	3,890	26,620	1,800	----------	1,183	49,938	48,242	96	1,600	----------	121,111	71,173	4
228,167	32,000	30,122	166,045	----------	----------	----------	2,027,067	1,944,472	13,978	68,617	----------	2,726,942	699,875	5
219,787	45,575	33,825	123,576	16,811	----------	----------	150,380	139,288	1,465	7,370	2,257	488,222	337,842	6
201,244	28,300	14,802	158,142	----------	----------	----------	259,530	196,631	56,452	6,380	67	695,404	435,874	7
173,432	7,497	34,655	81,550	43,744	1,458	4,528	487,495	433,769	7,911	45,815	----------	930,758	443,263	8
438,997	14,345	44,258	194,106	183,892	1,637	759	297,582	81,403	30,852	185,327	----------	1,329,157	1,031,575	9
142,944	----------	13,975	99,010	3,169	2,161	24,629	184,350	67,772	109,746	6,832	----------	490,271	305,921	10
77,898	4,800	10,551	53,897	8,650	----------	----------	53,514	50,642	723	2,032	117	207,981	154,467	11
26,756	----------	1,000	25,756	----------	----------	----------	13,447	12,166	----------	1,281	----------	73,061	59,614	12
44,373	4,500	6,840	28,923	4,110	----------	----------	100,567	99,062	----------	1,505	----------	181,082	80,515	13
715,063	66,057	106,630	354,926	170,683	2,786	13,981	6,265,296	6,164,202	27,700	73,394	----------	7,186,960	921,664	14
1,289,095	143,402	312,068	465,477	368,148	----------	----------	479,836	443,369	4,088	29,868	2,511	2,598,948	2,119,112	15
271,399	33,872	30,177	79,458	127,013	----------	879	553,646	536,571	5,259	11,816	----------	1,326,415	772,769	16
58,595	6,500	44,155	----------	7,940	----------	----------	64,738	1,780	----------	----------	62,958	161,315	96,577	17
163,536	1,545	30,011	125,754	3,032	1,800	1,394	361,224	353,368	----------	7,856	----------	598,135	236,911	18
4,544	----------	----------	3,154	1,390	----------	----------	62,253	61,683	203	367	----------	79,327	17,074	19
64,841	16,080	18,078	30,613	----------	70	----------	242,796	222,632	500	19,664	----------	377,933	135,137	20
3,273,976	----------	660,901	2,538,267	----------	25,737	49,071	45,681,671	43,249,080	1,762,461	504,305	165,825	61,523,402	15,841,731	21
1,425,252	39,800	157,944	1,082,674	32,341	65,639	46,854	1,218,153	968,374	47,794	40,342	161,643	3,993,033	2,774,880	22
194,024	30,985	20,910	115,738	26,131	----------	260	941,338	932,600	----------	7,781	957	1,304,332	362,994	23
1,388,660	112,379	298,521	778,721	180,057	7,154	11,828	4,361,647	4,140,141	109,466	75,275	36,765	7,560,854	3,199,207	24
467,422	60,334	98,967	173,529	123,283	5,154	6,155	2,557,092	2,480,884	35,263	40,945	----------	3,547,496	990,404	25
56,578	10,371	16,253	28,748	1,206	----------	----------	45,419	28,299	328	2,071	14,721	152,663	107,244	26
335,409	18,210	101,043	184,934	25,549	----------	5,673	755,987	707,502	32,092	16,393	----------	2,024,115	1,268,128	27
55,473	----------	7,708	47,045	720	----------	----------	81,024	80,211	133	680	----------	176,269	95,245	28
45,618	3,900	6,168	35,550	----------	----------	----------	58,555	47,662	4,092	6,801	----------	156,671	98,116	29
24,627	----------	6,618	13,897	4,112	----------	----------	24,539	23,792	48	625	74	69,838	45,299	30
403,533	19,564	61,764	295,018	25,187	2,000	----------	839,031	771,791	37,510	7,760	21,970	1,433,802	594,771	31

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] For numbers of establishments and of wage earners in individual industries, see table 10.

TABLE 9.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939

COUNTY	Total	INDUSTRY GROUP																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
The State	352	166				24	17		63	13			3	19	7	7		8	1		4
Apache	3					3															
Cochise	20	10				1			5	1				2		1					
Coconino	16	6				6			4												
Gila	15	5				1	1		2					2	1	3					
Graham	9	7							1	1											
Greenlee	3	2							1												
Maricopa	152	76				2	13		29	8			1	9	4	1		5	1		3
Mohave	4	2							1					1							
Navajo	14	5				7			2												
Pima	56	30				3	1		10	2			2	4	1			2			1
Pinal	6	4							1							1					
Santa Cruz	3	1							2												
Yavapai	17	10				1			3					1	1	1					
Yuma	14	8					2		2	1								1			

TABLE 10.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE: 1939

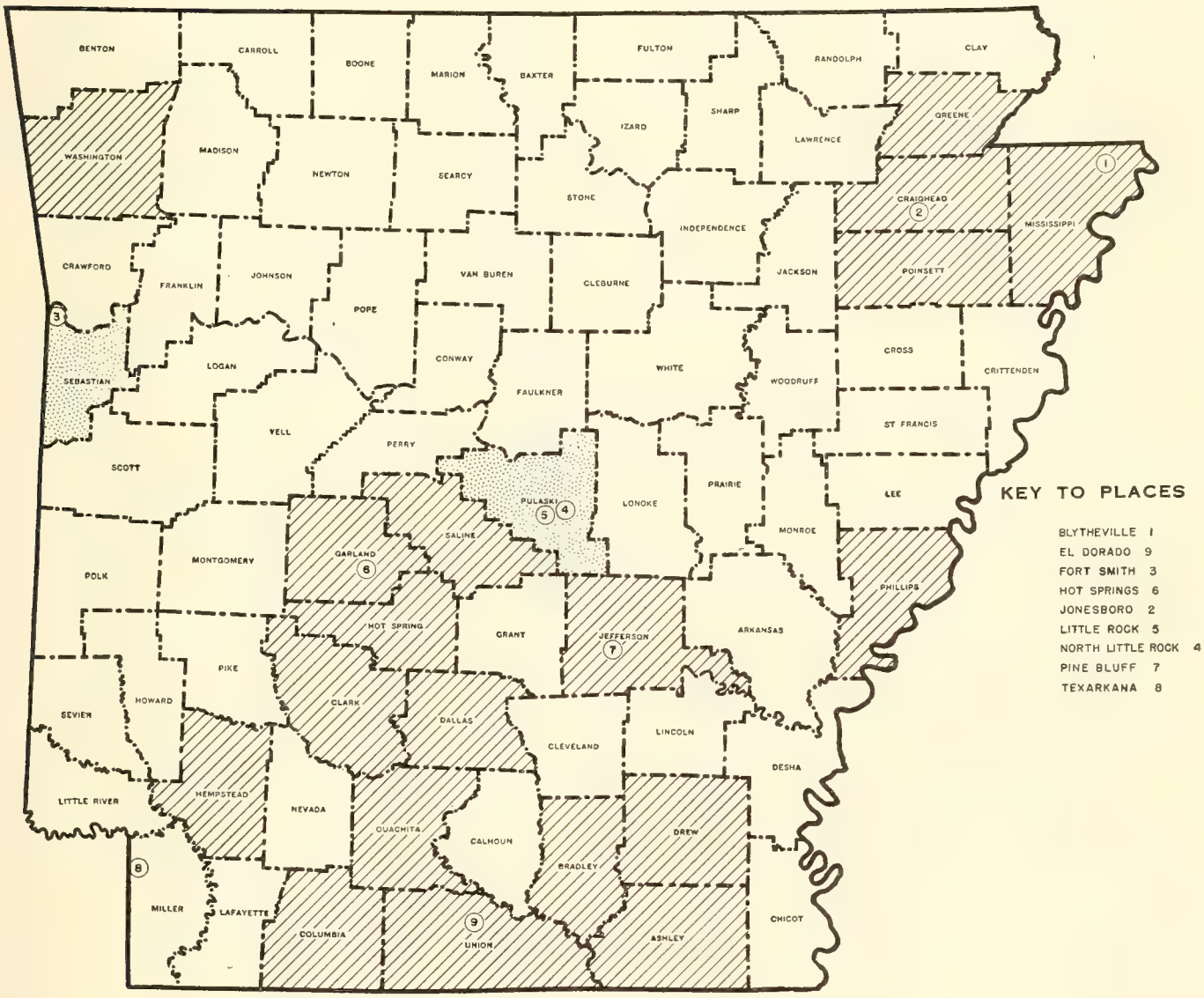
[In order to avoid disclosing data for individual establishments, wage-earner figures for industries represented by fewer than three establishments are withheld]

Group No.[1]	TITLE	Number of establishments	Wage earners
	STATE OF ARIZONA		
1	Canned and dried fruits and vegetables (including canned soups)	2	
	Condensed and evaporated milk	1	
	Creamery butter	2	
	Flavoring extracts and flavoring sirups, not elsewhere classified	1	
	Flour and other grain-mill products	4	45
	Food preparations, not elsewhere classified	1	
	Liquors, distilled	1	
	Malt liquors	1	
	Pickled fruits and vegetables and vegetable sauces and seasonings	2	
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	2	
5	Logging camps and logging contractors (not operating sawmills)	3	96
6	Caskets, coffins, burial cases, and other morticians' goods	1	
	Partitions, shelving, cabinet work, and office and store fixtures	1	
	Venetian blinds	2	
	Wood preserving	1	
8	Bookbinding and related industries	1	
	Books: publishing without printing	1	
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	1	
	Newspapers: publishing without printing	1	
	Periodicals: publishing and printing	1	
	Photoengraving, not done in printing establishments (including preparation of plates)	2	
	STATE OF ARIZONA—Continued		
9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	2	
	Explosives	1	
	Fertilizers	1	
	Insecticides, fungicides, and related industrial and household chemical compounds	1	
	Paints, varnishes, and lacquers	2	
12	Footwear (except rubber)	1	
	Leather goods not elsewhere classified	1	
	Saddlery, harness, and whips	1	
13	Gypsum products	1	
	Minerals and earths, ground or otherwise treated	2	
	Roofing tile	1	
	Sand-lime brick, block and tile	1	
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	1	
	Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills	1	
15	Sheet-metal work not specifically classified	1	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	1	
20	Brooms	2	
	Signs, advertising displays, and advertising novelties	1	
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	1	

[1] For group titles, see GENERAL EXPLANATIONS. Changes in number of industries and of industry groups, sec. 27.

ARKANSAS

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939



Prepared by the Bureau of the Census, Department of Commerce

ARKANSAS

Table 1.—SUMMARY FOR THE STATE: 1939, 1937, AND 1929

Census year	Number of establishments	Proprietors and firm members	Number of persons employed in manufacturing [1]	Salaries and wages [1]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2]	Value of products [2]	Value added by manufacture [3]
1939	1,178	930	39,436	$30,787,479	$92,776,835	$160,166,984	$67,390,149
1937	1,048	771	40,531	30,828,979	990,88,930	164,676,277	65,587,347
1929	1,697	1,367	44,020	42,407,008	108,962,595	195,938,667	86,976,072

[1] Figure for 1939 does not include data for employees of manufacturing establishments (except salaried officers of corporations) who were engaged in distribution, construction, and other nonmanufacturing work. For detail, see tables. It is not known to what extent data for such nonmanufacturing employees were included in figures reported for earlier years. See General Explanations—Persons engaged—general classification.

[2] The aggregates for cost of materials, etc., and value of products include large amounts of duplication due to the use of the products of some industries as materials by others. See General Explanations—Duplication in cost of materials and value of products.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See General Explanations—Value added by manufacture.

Table 2.—SUMMARY FOR COUNTIES AND PLACES: 1939

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
The State	1,949,387	[6] 1,178	36,256	$24,577,234	$92,776,835	$160,166,984	$67,390,149
COUNTIES [5]							
Arkansas	24,437	25	489	294,230	4,172,598	5,718,006	1,545,408
Ashley	26,785	20	1,484	1,192,447	3,240,150	6,455,655	3,215,505
Baxter [6]	10,281	2					
Benton	36,148	24	179	76,822	393,228	709,297	316,069
Boone	15,860	15	95	49,588	181,982	335,991	154,009
Bradley	18,097	21	1,583	1,092,570	1,833,646	5,135,823	3,302,177
Calhoun	9,636	8	222	101,388	99,488	311,135	211,647
Carroll	14,737	16	85	34,200	153,021	235,372	82,351
Chicot	27,452	13	198	104,386	200,977	474,274	273,297
Clark	24,402	17	585	302,805	753,527	1,465,583	712,056
Clay	28,386	10	73	39,844	143,336	297,969	154,633
Cleburne [6]	13,134	5	170				
Cleveland	12,570	7	262	132,762	136,238	336,770	200,532
Columbia	29,822	21	541	287,046	880,979	1,587,581	706,602
Conway	21,536	8	105	67,969	419,038	668,240	249,202
Craighead	47,200	29	528	318,908	1,036,692	2,413,333	1,376,641
Crawford	23,920	8	194	52,778	411,148	571,451	160,303
Crittenden [5]	42,473	12	322				
Cross	26,046	6	67	37,411	50,978	158,938	107,960
Dallas	14,471	17	844	522,560	1,042,568	2,480,448	1,437,880
Desha	27,160	6	104	62,606	139,445	245,040	105,595
Drew	19,831	16	563	288,521	732,208	1,333,665	601,457
Faulkner	25,880	4	31	30,764	220,840	338,650	117,810
Franklin	15,683	5	26	8,233	58,614	110,002	51,388
Fulton	10,253						
Garland	41,664	29	901	564,961	1,010,235	2,360,288	1,350,053
Grant	10,477	11	419	283,320	383,899	976,304	592,405
Greene	30,204	19	651	312,499	690,642	1,332,664	642,022
Hempstead	32,770	16	667	446,955	890,802	1,770,102	879,300
Hot Spring	18,916	23	908	576,962	1,186,508	2,483,982	1,297,474
Howard [6]	16,621	8	423				
Independence	25,643	18	212	116,843	221,851	524,056	302,205
Izard	12,834	3	21	11,776	17,112	36,370	19,258
Jackson	26,427	18	176	98,281	848,057	1,223,078	375,021
Jefferson	65,101	51	1,485	1,057,715	4,053,267	6,922,750	2,869,483
Johnson	18,795	9	50	34,930	111,861	213,435	101,574
Lafayette	16,851	7	206	92,823	170,045	386,269	216,224
Lawrence	22,651	6	62	41,872	37,036	110,510	73,474
Lee [6]	26,810	3	12				
Lincoln	19,709	4	86	30,110	61,057	176,408	115,351
Little River	15,932	16	397	208,309	456,641	891,576	434,935
Logan	25,967	8	62	34,230	123,588	233,555	109,967
Lonoke [6]	29,802	9	64				
Madison	14,531	9	99	14,503	92,999	127,439	34,440
Marion [6]	9,464	1					
Miller	31,874	17	347	249,879	1,122,299	1,883,495	761,196
Mississippi	80,217	28	965	532,113	2,990,683	4,551,773	1,561,090
Monroe	21,133	17	220	111,419	270,674	667,591	396,917
Montgomery	8,876	4	120	80,840	104,716	301,028	196,312
Nevada	19,869	10	332	232,020	981,572	2,064,148	1,082,576
Newton [6]	10,881	2					
Ouachita	31,151	26	1,748	1,523,685	7,024,274	10,950,868	3,926,594
Perry	8,392	3	25	12,323	16,128	33,440	17,312
Phillips	45,970	26	2,157	1,310,404	2,982,445	5,610,104	2,627,659
Pike [6]	11,786	4	215				

See footnotes at end of table.

TABLE 2.—SUMMARY FOR COUNTIES AND PLACES: 1939—Continued

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
COUNTIES [5]—continued							
Poinsett	37,670	14	797	$540,265	$844,647	$1,854,157	$1,009,510
Polk	15,832	26	421	190,124	537,313	977,362	440,049
Pope	25,682	16	223	99,370	240,185	507,816	267,631
Prairie [6]	15,304	4	49				
Pulaski	156,085	142	4,576	3,385,853	18,639,528	28,763,767	10,124,239
Randolph	18,319	8	119	65,965	77,643	216,298	138,655
St. Francis	36,043	14	303	161,753	1,209,727	1,830,420	620,693
Saline	19,163	15	571	355,434	959,443	1,685,518	726,075
Scott	13,300	7	411	300,649	298,215	1,193,303	895,088
Searcy [6]	11,942	1					
Sebastian	62,809	81	3,477	3,040,259	9,968,977	18,114,183	8,145,206
Sevier	15,248	9	137	83,940	229,004	461,233	232,229
Sharp [7]	11,497						
Stone [6]	8,603	1					
Union	50,461	53	2,161	1,936,536	12,237,705	17,528,729	5,291,024
Van Buren	12,518	4	50	26,501	31,008	79,005	47,997
Washington	41,114	33	508	230,432	1,659,419	2,592,762	933,343
White	37,176	13	166	74,477	168,425	466,562	298,137
Woodruff	22,133	7	283	159,499	202,499	563,536	361,037
Yell	20,970	10	145	82,412	212,749	425,882	213,133
Undistributed [8]		52	1,334	767,155	3,111,256	5,691,995	2,580,739
PLACES HAVING 10,000 OR MORE INHABITANTS							
Blytheville	10,652	11	337	217,328	773,020	1,476,345	703,325
El Dorado [9]	15,858	20	476				
Fort Smith	36,584	74	3,141	2,694,071	7,988,276	15,227,182	7,238,906
Hot Springs	21,370	20	165	125,013	396,307	937,613	541,306
Jonesboro	11,729	22	464	283,202	927,986	2,208,966	1,280,980
Little Rock	88,039	116	3,565	2,729,066	11,479,701	19,358,207	7,878,506
North Little Rock	21,137	17	416	254,181	2,762,206	3,808,812	1,046,606
Pine Bluff	21,290	40	971	709,923	2,801,381	4,985,078	2,183,697
Texarkana, Arkansas and Texas, total	28,840	52	1,173	828,627	3,154,013	5,859,390	2,705,377
Texarkana, Arkansas	11,821	15	245	828,627	3,154,013	5,859,390	2,705,377
Texarkana, Texas	17,019	37	928				

[1] Not including salaried officers and employees nor nonmanufacturing wage earners. The figure for each county or place is an average of the numbers reported for the several months of the year. In calculating it, equal weight must be given to full-time and to part-time wage earners (not reported separately by the manufacturers), and for this reason it exceeds the number that would have been required to perform the work done in the industries if all wage earners had been continuously employed throughout the year. The quotient obtained by dividing the amount of wages by the average number of wage earners cannot, therefore, be accepted as representing the average wage received by full-time wage earners. Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several counties do not add exactly to the average for the State. In making comparisons between the figures for 1939 and those for earlier years, the possibility that the proportion of part-time employment varied from year to year should be taken into account.

[2] Profits and losses cannot be calculated from the census figures because no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, and advertising.

[3] See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

[5] For numbers of establishments by "Industry groups," see table 9.

[6] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Undistributed" figures.

[7] No manufacturing reported.

[8] The "Undistributed" figure for number of establishments and a part of the "Undistributed" figure for number of wage earners are included above in the items for the respective counties. The sums of the figures in these two columns are, therefore, larger than the corresponding State totals.

[9] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments.

TABLE 3.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, BY SEX: 1939 AND 1929

[The 1939 questionnaire, for the first time, called for data on the *total* number of employees in manufacturing establishments, including those engaged wholly or chiefly in distribution, construction, and other nonmanufacturing activities. It is not known to what extent data for such employees were included in the figures reported for earlier years. This table presents detailed figures for employees receiving pay at any time within the *normal* pay-roll period ended nearest Oct. 14, 1939, and for such employees on the pay roll on Dec. 14, 1929, or on the nearest *representative* date. The total for "Wage earners engaged in manufacturing" is not identical with the average for the year (given in other tables), and differs from the number reported for October 1939 or for December 1929, because for both years some manufacturers gave wage-earner figures for months other than those specified. See GENERAL EXPLANATIONS—Persons engaged—general classification]

CLASS AND SEX	1939 (Oct. 14) [1]	1929 (Dec. 14) [1]
All classes, aggregate [2]	47,146	44,084
Male	41,370	40,212
Female	5,776	3,872
Salaried officers and employees, total	5,601	4,160
Male	4,768	3,529
Female	833	631
Salaried officers of corporations, total	474	573
Male	438	557
Female	36	16
All other employees (except wage earners in manufacturing), total	5,127	3,587
Male	4,330	2,972
Female	797	615
Salaried officers and employees—Continued.		
All other employees, etc.—Continued.		
Engaged in manufacturing:		
Male	2,151	(3)
Female	555	
Engaged in distribution:		
Male	1,798	
Female	215	
Engaged in construction:		
Male	308	
Engaged in other work:		
Male	73	
Female	27	
Wage earners engaged in manufacturing, total	41,545	39,924
Male	36,602	36,683
Female	4,943	3,241

[1] See headnote.
[2] Figures do not include data for 930 proprietors and firm members for 1939 and 1,367 for 1929, which were not reported by sex for 1939.
[3] No data.

TABLE 4.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS: 1939, 1937, AND 1929

[The figures for 1939 relate to wage earners engaged in manufacturing only. It is not known to what extent the figures for earlier years include data for nonmanufacturing wage earners. See headnote to table 3]

CENSUS YEAR	Average number employed during year [1]	NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH—											
		January	February	March	April	May	June	July	August	September	October	November	December
1939	36,256	32,370	33,610	35,069	34,427	34,057	34,515	35,836	37,366	40,064	40,233	38,991	38,533
1937	37,280	34,625	35,643	36,985	36,787	37,983	37,072	37,320	41,717	42,012	39,296	35,201	32,721
1929	39,860	37,942	37,469	37,665	38,285	37,891	39,095	40,853	45,046	46,177	42,396	38,860	36,634

[1] See GENERAL EXPLANATIONS—Wage earners and wages.

TABLE 5.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY NUMBER OF WAGE EARNERS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS	VALUE ADDED BY MANUFACTURE [2]
	1939	1929	1939	1929	1939	1939
All establishments	1,178	1,697	36,256	39,860	$160,166,984	$67,390,149
No wage earners	15	24			309,876	77,957
1 to 5	456	969	1,266	3,671	10,591,442	5,778,109
6 to 20	373	352	4,194	3,872	20,417,122	8,913,315
21 to 50	159	193	5,147	6,328	24,115,949	9,255,120
51 to 100	96	73	6,814	5,209	33,196,962	12,542,388
101 to 250	55	65	8,404	9,898	33,815,342	14,310,134
251 to 500	18	11	6,448	4,118	24,495,697	10,166,991
501 to 1,000	5	[3] 10	3,983	6,764	13,224,594	6,346,135
1,001 to 2,500	1					

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Combined to avoid disclosing data for individual establishments.

TABLE 6.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY VALUE OF PRODUCTS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
All establishments	1,178	1,697	36,256	39,860	$160,166,984	$195,938,667	$67,390,149	$86,976,072
$5,000 to $19,999	496	869	2,702	3,459	5,402,683	8,797,605	3,268,676	5,431,194
$20,000 to $49,999	266	350	3,043	3,203	8,528,605	10,916,812	4,865,149	6,365,071
$50,000 to $99,999	126	158	2,434	3,136	8,927,448	11,091,633	4,961,630	6,311,199
$100,000 to $249,999	137	146	6,736	6,031	22,055,351	22,631,024	10,525,771	11,955,142
$250,000 to $499,999	77	85	6,057	6,978	26,530,692	30,303,362	12,073,291	12,781,931
$500,000 to $999,999	47	50	7,115	5,859	34,526,069	35,258,297	13,910,379	13,874,940
$1,000,000 to $2,499,999	23	30	5,621	7,507	30,477,813	43,692,752	9,743,488	18,544,941
$2,500,000 to $4,999,999	5	[3] 9	2,548	3,687	23,718,323	33,247,182	8,041,765	11,711,654
$5,000,000 and over	1							

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Combined to avoid disclosing data for individual establishments.

TABLE 7.—ESTABLISHMENTS CLASSIFIED AS UNDER CORPORATE OR OTHER FORM OF OWNERSHIP (OR CONTROL) AND AS UNDER CENTRAL-ADMINISTRATIVE-OFFICE OR INDEPENDENT OPERATION: 1939 AND 1929

TYPE OF OWNERSHIP OR CONTROL, AND OF OPERATION	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
Total	1,178	1,697	36,256	39,860	$160,166,984	$195,938,667	$67,390,149	$86,976,072
TYPE OF OPERATION								
1939 [3]								
Corporate ownership or control:								
Central-administrative-office (plural-unit)	276	(3)	16,021	(3)	82,985,778	(3)	30,703,224	(3)
Independent (single-unit)	233	(3)	10,885	(3)	49,280,644	(3)	22,794,358	(3)
Noncorporate ownership:								
Central-administrative-office (plural-unit)	78	(3)	1,623	(3)	5,138,550	(3)	2,796,137	(3)
Independent (single-unit)	591	(3)	7,727	(3)	22,762,012	(3)	11,096,430	(3)
1939 AND 1929 [3]								
Central-administrative-office (plural-unit), corporate and noncorporate	354	293	17,644	15,858	88,124,328	86,721,119	33,499,361	36,612,037
Independent (single-unit), corporate and noncorporate	824	1,404	18,612	24,002	72,042,656	109,217,548	33,890,788	50,364,035
TYPE OF OWNERSHIP OR CONTROL								
Corporate	509	567	26,906	30,348	132,266,422	164,166,645	53,497,582	69,875,832
Noncorporate, total	669	1,130	9,350	9,512	27,900,562	31,772,022	13,892,567	17,100,240
Individual	449	(4)	4,834	(4)	12,474,775	(4)	6,763,797	(4)
Partnership	212	(4)	4,336	(4)	13,887,341	(4)	6,641,388	(4)
Cooperative	6	[5] ----------	180	----------	1,538,446	----------	487,382	----------
Other	2							

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Because of changes in the questionnaire, no comparable figures for 1929 can be given for the first section of this table. For this reason, the items have been regrouped under "1939 and 1929" to present comparable figures so far as this can be done.
[4] No data.
[5] Figures for 1939 combined to avoid disclosing data for individual establishments; no data for 1929.

TABLE 8.—GENERAL STATISTICS FOR

[This table presents separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments, given, however, reported larger numbers of wage earners or

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
1		All industries, total	1,178	930	41,857	474	2,706	36,256	2,013	308	100
2	6	Baskets for fruits and vegetables	4		464	7	14	443			
3	1	Biscuit, crackers, and pretzels	4	6	231	3	13	184	31		
4	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	65	65	1,081	7	75	873	117	3	6
5	13	Brick and hollow structural tile	7	3	459	1	20	430	7		1
6	20	Brooms	5	5	55	2	2	49	2		
7	20	Buttons	6	3	152		9	143			
8	1	Candy and other confectionery products	5	3	71	2	4	43	22		
9	1	Canned and dried fruits and vegetables (including canned soups)	40	52	931	11	33	883	3	1	
10	6	Caskets, coffins, burial cases, and other morticians' goods	8	3	216	11	10	168	27		
11	1	Cheese	9	3	39		4	34	1		
12	3	Cotton broad woven goods	4		666	4	13	649			
13	9	Cottonseed oil, cake, meal, and linters	26	8	1,671	11	162	1,436	48	9	5
14	1	Creamery butter	11	8	76	2	15	51	8		
15	9	Drugs and medicines (including drug grinding)	5	3	54	1	9	30	14		
16	9	Fertilizers	8		156	5	19	119	13		
17	1	Flour and other grain-mill products	10	11	28	2	2	23	1		
18	1	Food preparations, not elsewhere classified	3	5	36		3	32	1		
19	8	General commercial (job) printing	39	40	448	31	47	325	45		
20	4	Housedresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	4	2	191	2	8	181			
21	6	Household furniture, except upholstered	10		1,959	23	104	1,736	63	2	31
22	1	Ice cream and ices	19	20	204	8	24	96	69	6	1
23	1	Ice, manufactured	108	43	804	22	63	274	394	48	3
24	5	Logging camps and logging contractors (not operating sawmills)	35	35	342		3	339			
25	17	Machine-shop products, not elsewhere classified	4	4	65	2	5	49	9		
26	17	Machine-shop repairs	20	19	156	11	9	134	2		
27	6	Mattresses and bedsprings	6	3	119	8	6	100	3		2
28	1	Meat packing, wholesale	6	6	213	2	19	105	86	1	
29	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	4	3	35	4	1	29	1		
30	18	Motor vehicles, motor-vehicle bodies, parts and accessories	5	4	62	3	3	54	2		
31	8	Newspapers: publishing and printing	83	78	1,070	36	280	529	225		
32	1	Nonalcoholic beverages	73	51	782	33	76	338	325	6	4
33	7	Paperboard containers and boxes not elsewhere classified	3		128	6	11	102	9		
34	8	Periodicals: publishing and printing	3	3	16		8	8			
35	8	Periodicals: publishing without printing	6	1	20	3	13		4		
36	10	Petroleum refining	6		828	9	79	612	68	60	
37	5	Planing mills not operated in conjunction with sawmills	28	15	1,451	30	65	1,324	30		2
38	1	Prepared feeds (including mineral) for animals and fowls	11		220	17	26	145	32		
39	17	Pumping equipment and air compressors	3	1	49		9	38	2		
40	1	Rice cleaning and polishing	11	4	539	10	90	389	31	3	16
41	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	9	6	56		10	36	10		
42	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	327	339	17,454	71	775	16,347	184	72	5
43	15	Sheet-metal work not specifically classified	4	2	97	3	7	78	8		1
44	20	Signs, advertising displays, and advertising novelties	5	6	36	2	4	27	3		
45	6	Upholstered household furniture	3		513	9	39	462	3		
46	1	Vinegar and cider	4	1	32		6	22	4		
47	1	Wines	8	7	39	3	2	33	1		
48	6	Wooden boxes except cigar boxes	4	1	245	4	9	232			
49	6	Wood preserving	4		409		21	388			
50	6	Wood products not elsewhere classified	23	20	1,075	10	75	981	9		
51	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	4	1	927	8	37	834	29		19
52		Other industries [6]	126	67	7,359	66	566	6,390	197	100	40
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]									
53	1	Food and kindred products	26	17	939	14	120	713	73	3	16
54	4	Apparel and other finished products made from fabrics and similar materials	9	2	1,527	9	69	1,396	32	2	19
55	6	Furniture and finished lumber products	11	5	632	1	36	595			
56	8	Printing, publishing, and allied industries	4	4	29	3	5	19	2		
57	9	Chemicals and allied products	15	5	289	3	35	229	22		
58	10	Products of petroleum and coal	3	7	69		8	61			
59	13	Stone, clay, and glass products	16	4	858	19	56	753	26		4
60	14	Iron and steel and their products, except machinery	8	7	430	3	35	392			
61	15	Nonferrous metals and their products	8	5	287	7	21	250	8		1
62	17	Machinery (except electrical)	10	6	146	4	20	108	14		
	7	Paper and allied products	6		1,723		140	1,478	13	92	
	20	Miscellaneous industries	4	1	59		2	49	7	1	
	3	Textile-mill products and other fiber manufactures	2								
63	5	Lumber and timber basic products									
	11	Rubber products	1	4	371	3	19	347		2	
	16	Electrical machinery	1								
	19	Transportation equipment except automobiles	1								

* As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the corresponding totals shown for "All industries."

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.

[2] Figures do not include data for personnel of central-administrative offices.

[3] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

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and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures are larger values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
33,865,222	2,041,708	4,168,537	24,577,234	2,558,928	394,463	124,352	92,776,835	87,309,584	2,016,579	2,076,666	1,374,006	160,166,984	67,390,149	1
270,812	14,250	22,428	234,134				182,407	180,340	555	1,512		649,739	467,332	2
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)	3
1,120,603	35,016	108,971	877,499	95,507	779	2,831	2,186,839	2,082,807	49,253	54,779		4,910,418	2,723,579	4
348,311	4,800	31,708	285,861	25,342		600	398,996	176,537	181,768	40,691		1,046,596	647,600	5
47,747	1,206	1,979	41,182	3,380			108,852	107,600	212	1,040		213,876	105,024	6
90,158		6,092	84,066				60,670	56,584	688	3,398		156,926	96,256	7
68,319	9,400	6,393	27,413	25,113			126,938	122,307	2,483	2,148		204,639	77,701	8
278,467	28,625	31,017	212,810	4,825	1,190		1,782,029	1,699,583	46,837	24,605	11,004	2,531,469	749,440	9
233,492	50,172	13,935	123,836	45,549			329,890	320,593	2,239	7,058		714,666	384,776	10
36,165		5,804	30,114	247			298,691	288,218	5,108	5,365		378,408	79,717	11
461,019	12,975	24,723	423,321				949,039	866,652	9,361	73,026		1,672,282	723,243	12
1,319,661	25,050	307,413	890,279	86,492	9,820	607	14,138,352	13,721,401	162,208	254,743		17,340,538	3,202,186	13
60,555	3,550	13,008	39,496	4,501			1,096,925	1,072,105	9,667	15,153		1,227,066	130,141	14
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)	15
92,646	3,990	25,762	56,446	6,448			779,075	770,571	1,171	7,333		1,284,705	505,630	16
17,369	2,840	836	13,068	625			139,265	133,628	2,586	3,051		172,012	32,747	17
(5)		(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)	18
692,131	131,354	71,681	427,040	62,056			651,569	625,665	4,563	15,854	5,487	1,769,417	1,117,848	19
99,975	3,300	6,044	90,631				228,121	216,098	305	1,719	9,999	386,780	158,659	20
1,684,512	130,693	146,915	1,183,468	146,765	4,673	71,998	2,792,287	2,732,096	25,233	34,958		5,441,196	2,648,909	21
178,501	22,300	25,001	68,658	54,179	7,694	669	569,869	531,279	7,210	31,380		1,099,733	529,864	22
585,924	43,384	81,756	223,358	218,440	17,993	993	426,706	160,891	82,996	182,819		1,903,952	1,477,246	23
136,049		1,656	134,393				126,273	86,526	25,152		14,595	486,388	360,115	24
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)	25
207,455	32,366	13,438	158,451	3,200			188,661	174,099	3,401	11,161		570,294	381,633	26
133,183	31,194	9,559	88,233	3,597		600	322,148	317,642	780	3,726		543,439	221,291	27
268,680	8,246	33,930	99,162	127,104	238		1,814,731	1,789,268	6,652	18,811		2,034,275	219,544	28
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)	29
78,194	24,000	6,716	45,704	1,774			287,028	280,872	721	5,435		398,390	111,362	30
1,492,306	142,505	424,211	672,046	248,376	5,168		812,389	752,212	16,405	40,573	3,199	3,848,381	3,035,992	31
1,005,275	159,873	160,528	253,651	420,223	5,912	5,088	2,226,815	2,159,676	21,609	44,920	610	5,632,283	3,405,468	32
126,454	25,780	15,335	72,752	12,587			282,924	278,140	1,500	3,284		507,749	224,825	33
15,558		6,376	9,182				10,209	8,520	365	724	600	40,311	30,102	34
20,027	5,137	11,452		3,438			29,065				29,065	63,263	34,198	35
1,445,115	79,141	199,748	881,089	179,322	105,815		11,034,485	10,484,772	421,203	128,510		14,327,824	3,293,339	36
1,137,620	94,715	98,354	883,094	60,794		663	2,430,329	2,384,759	5,881	13,689	26,000	4,167,340	1,737,011	37
280,785	85,966	36,699	110,744	47,054	322		2,352,312	2,313,831	11,226	27,255		2,889,302	536,990	38
(5)		(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)	39
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)		(5)	(5)	40
53,133		10,425	33,058	9,650			939,277	927,378	3,873	8,026		1,099,074	159,797	41
11,328,833	303,255	1,059,897	9,659,851	222,812	76,065	6,953	14,018,469	12,740,055	114,179	101,781	1,062,454	35,222,273	21,203,804	42
(5)	(5)	(5)	(5)	(5)		(5)	(5)	(5)	(5)	(5)		(5)	(5)	43
40,634	6,000	6,800	23,454	4,380			34,063	32,247	555	1,261		94,630	60,567	44
503,222	72,187	74,818	346,950	9,267			929,587	919,065	5,630	4,892		1,672,707	743,120	45
(5)		(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)	46
38,641	20,000	2,006	15,435	1,200			63,087	60,902	1,641	544		185,276	122,189	47
153,663	13,400	11,594	128,669				186,942	182,587		4,355		393,884	206,942	48
(5)		(5)	(5)				(5)	(5)	(5)	(5)		(5)	(5)	49
778,452	31,222	112,591	617,624	17,015			1,439,267	1,410,670	15,316	7,225	6,056	2,548,561	1,109,294	50
(5)	(5)	(5)	(5)	(5)		(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	51
6,935,576	383,816	940,938	5,011,012	407,666	158,794	33,350	26,002,254	24,141,408	766,047	889,862	204,937	40,336,922	14,334,668	52
776,396	66,682	189,412	402,707	100,672	7,306	9,617	6,768,024	6,724,257	13,561	30,206		8,998,810	2,230,786	53
1,056,481	136,220	90,808	683,901	127,885	1,680	15,987	2,712,241	2,684,218	4,344	17,449	6,230	3,717,565	1,005,324	54
395,596	4,671	55,069	335,856				2,848,244	2,798,246	40,669	9,329		3,864,024	1,015,780	55
45,327	12,488	5,537	21,471	5,831			16,680	14,636	347	1,697		87,029	70,349	56
265,333	4,812	59,574	163,607	37,340			828,149	775,470	37,507	15,172		1,679,123	850,974	57
62,513		13,700	48,813				381,176	364,767	7,267	8,148	994	726,057	344,881	58
1,035,204	66,102	110,173	800,232	46,224	4,883	7,590	1,260,573	911,349	222,631	124,268	2,325	3,450,447	2,189,874	59
459,312	23,359	59,729	376,224				839,237	796,392	14,466	28,379		1,471,354	632,117	60
380,006	25,791	41,839	294,204	18,016		156	1,738,292	1,641,062	83,099	14,131		2,469,279	730,987	61
196,907	15,571	24,717	125,233	31,386			434,313	426,074	2,515	5,724		922,325	488,012	62
2,262,501	28,120	290,380	1,758,764	40,312	144,925		8,175,325	7,004,937	339,641	635,359	195,388	12,950,909	4,775,584	63

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[6] For numbers of establishments and of wage earners in individual industries, see table 10.

Table 9.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939

County	Total	Industry group 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
The State	1,178	400		6	13	391	69	9	135	49	9	1		23	8	8	1	30	5	1	20
Arkansas	25	12				8			2							1		2			
Ashley	20	2				13	1	2	1	1											
Baxter	2					1			1												
Benton	24	17				1			5					1							
Boone	15	8				4			2												1
Bradley	21	3				15			1	1								1			
Calhoun	8					7			1												
Carroll	16	7				5	2		1										1		
Chicot	13	4				6			3												
Clark	17	5				9			2	1											
Clay	10	6				1	1		1												1
Cleburne	5					3	1		1												
Cleveland	7					7															
Columbia	21	4		1		10			1	3								2			
Conway	8	5		1					2												
Craighead	29	12				4	3		6	3				1							
Crawford	8	6					1		1												
Crittenden	12	3				5			2	1								1			
Cross	6	3				2			1												
Dallas	17	3				11	2		1												
Desha	6	2				3			1												
Drew	16	3		1		9			1	1					1						
Faulkner	4	2							1										1		
Franklin	5	5																			
Garland	29	16			1	8			4												
Grant	11	1				10															
Greene	19	7			1	5	2		2							1		1			
Hempstead	16	5				4	2		1	1				1				2			
Hot Spring	23	4		1		10	2		3					3							
Howard	8	2				4			1					1							
Independence	18	5				8			2					2							1
Izard	3					3															
Jackson	18	9				1	2		3	1											2
Jefferson	51	15				15	3		7	2				1	1	1		3	1		2
Johnson	9	3				5												1			
Lafayette	7	2				5															
Lawrence	6	3				1			1												1
Lee	3	1			1				1												
Lincoln	4					4															
Little River	16	1				12	1		1	1											
Logan	8	2				3			2	1											
Lonoke	9	4				2	1		1									1			
Madison	9	7				1			1												
Marion	1	1																			
Miller	17	4				3	1		3	2						1	1			1	1
Mississippi	28	16			1	3			4	3								1			
Monroe	17	6				7	1		1												2
Montgomery	4					4															
Nevada	10	1				4	1		1	1	2										
Newton	2					1	1														
Ouachita	26	6				10	1	4	1	1	1			1	1						
Perry	3					3															
Phillips	26	11		1		6	2		2	1								2			1
Pike	4	1				3															
Poinsett	14	3				8	1		2												
Polk	26	5				19	1		1												
Pope	16	6				5			3									1			1
Prairie	4	1				3															
Pulaski	142	55		1	5	10	14	2	23	14		1		4	3	1		3			6
Randolph	8	1				5	1		1												
St. Francis	14	5			1	4	2		1	1											
Saline	15	2				8	2		1	1				1							
Scott	7	1				6															
Searcy	1	1																			
Sebastian	81	27			2	4	15	1	10	6	1			5	2	3		2	2		1
Sevier	9	3				4			1									1			
Stone	1					1															
Union	53	11				24			5	2	5			1				5			
Van Buren	4					4															
Washington	33	24			1	2	1		3					1				1			
White	13	7				4	1		1												
Woodruff	7	2				5															
Yell	10	1				6			3												

TABLE 10.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE: 1939

[In order to avoid disclosing data for individual establishments, wage-earner figures for industries represented by fewer than three establishments are withheld]

Group No.[1]	TITLE	Number of establishments	Wage earners
	STATE OF ARKANSAS		
1	Biscuit, crackers, and pretzels	4	184
	Condensed and evaporated milk	1	--------
	Cooking and other edible fats and oils, not elsewhere classified	1	--------
	Flavoring extracts and flavoring sirups, not elsewhere classified	1	--------
	Food preparations, not elsewhere classified	3	32
	Poultry dressing and packing, wholesale	1	--------
	Rice cleaning and polishing	11	389
	Vinegar and cider	4	22
3	Cordage and twine	1	--------
	Hosiery—seamless	1	--------
4	Canvas products (except bags)	1	--------
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	2	--------
	Miscellaneous fabricated textile products not elsewhere classified	2	--------
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	4	834
5	Plywood mills	1	--------
6	Cooperage	1	--------
	Excelsior	2	--------
	Office furniture	1	--------
	Partitions, shelving, cabinet work, and office and store fixtures	1	--------
	Venetian blinds	1	--------
	Window and door screens and weather strip	1	--------
	Wood preserving	4	388
7	Paper and paperboard mills	2	--------
	Paper bags, except those made in paper mills	2	--------
	Pulp mills	2	--------
8	Engraving (steel, copperplate, and wood); plate printing	1	--------
	Newspapers: publishing without printing	1	--------
	Photoengraving, not done in printing establishments (including preparation of plates)	2	--------
9	Chemicals not elsewhere classified	1	--------
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	2	--------
	Drugs and medicines (including drug grinding)	5	30
	Explosives	1	--------
	Hardwood distillation and charcoal manufacture	1	--------
	Insecticides, fungicides, and related industrial and household chemical compounds	2	--------
	Lubricating oils and greases—not made in petroleum refineries	2	--------
	Perfumes, cosmetics, and other toilet preparations	1	--------
	STATE OF ARKANSAS—Continued		
10	Fuel briquets	1	--------
	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	1	--------
	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	1	--------
11	Rubber products not elsewhere classified	1	--------
13	Cement	1	--------
	Concrete products	2	--------
	Flat glass	1	--------
	Lime	2	--------
	Minerals and earths, ground or otherwise treated	2	--------
	Mirrors and other glass products made of purchased glass	1	--------
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	4	29
	Pottery products not elsewhere classified	2	--------
	Tableware, pressed or blown glass, and glassware not elsewhere classified	1	--------
14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	1	--------
	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	2	--------
	Gray-iron and semisteel castings	1	--------
	Power boilers and associated products	1	--------
	Steel castings	1	--------
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	1	--------
	Tools (except edge tools, machine tools, files, and saws)	1	--------
15	Nonferrous-metal foundries (except aluminum)	2	--------
	Primary smelting and refining of nonferrous metals	2	--------
	Sheet-metal work not specifically classified	4	78
16	Batteries, storage and primary (dry and wet)	1	--------
17	Blowers; exhaust and ventilating fans	2	--------
	Commercial laundry, dry-cleaning, and pressing machinery	1	--------
	Machine-shop products, not elsewhere classified	4	49
	Pumping equipment and air compressors	3	38
19	Cars and car equipment—railroad, street, and rapid-transit	1	--------
20	Hand stamps, stencils, and brands	1	--------
	Sporting and athletic goods not elsewhere classified	2	--------
	Tobacco pipes and cigarette holders	1	--------

[1] For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and of industry groups, sec. 27.

CALIFORNIA

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939

KEY TO PLACES

ALAMEDA	11	LODI	5	SACRAMENTO	3
ALBANY	8	LONG BEACH	48	SALINAS	22
ALHAMBRA	35	LOS ANGELES	36	SAN BERNARDINO	50
ANAHEIM	54	LYNWOOD	45	SAN DIEGO	56
BAKERSFIELD	25	MAYWOOD	42	SAN FRANCISCO	13
BELL	41	MERCED	20	SAN GABRIEL	34
BERKELEY	9	MODESTO	19	SAN JOSE	18
BEVERLY HILLS	37	MONROVIA	31	SAN LEANDRO	12
BRAWLEY	58	MONTEREY	23	SAN MATEO	15
BURBANK	28	NATIONAL CITY	57	SANTA ANA	55
BURLINGAME	14	OAKLAND	10	SANTA BARBARA	26
COMPTON	46	ONTARIO	49	SANTA CRUZ	21
EL CENTRO	59	PALO ALTO	17	SANTA MONICA	38
EUREKA	1	PASADENA	30	SANTA ROSA	2
FRESNO	24	POMONA	32	SOUTH GATE	44
FULLERTON	53	REDLANDS	51	SOUTH PASADENA	33
GLENDALE	29	REDONDO BEACH	47	STOCKTON	6
HUNTINGTON PARK	40	REDWOOD CITY	16	VALLEJO	4
INGLEWOOD	39	RICHMOND	7	VENTURA ★	27
		RIVERSIDE	52	WHITTIER	43

(★SAN BUENAVENTURA)

UNDER 500 WAGE EARNERS

500 TO 2,499 WAGE EARNERS

2,500 OR MORE WAGE EARNERS

○ PLACES OF 10,000 TO 99,999 POPULATION

☆ PLACES OF 100,000 OR MORE POPULATION

INDUSTRIAL AREAS:

13 LOS ANGELES AREA

16 SAN FRANCISCO - OAKLAND AREA

Prepared by the Bureau of the Census, Department of Commerce

CALIFORNIA

Table 1.—SUMMARY FOR THE STATE: 1939, 1937, AND 1929

CENSUS YEAR	Number of establishments	Proprietors and firm members	Number of persons employed in manufacturing [1]	Salaries and wages [1]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2]	Value of products [2]	Value added by manufacture [3]
1939	12,329	11,184	323,704	$475,967,916	$1,663,021,936	$2,798,179,523	$1,135,157,587
1937	10,861	8,884	358,083	503,734,760	1,808,268,678	2,899,865,426	1,091,596,748
1929	11,713	9,035	315,621	500,283,869	1,655,139,288	2,841,845,647	1,186,706,359

[1] Figure for 1939 does not include data for employees of manufacturing establishments (except salaried officers of corporations) who were engaged in distribution, construction, and other nonmanufacturing work. For detail, see table 8. It is not known to what extent data for such nonmanufacturing employees were included in figures reported for earlier years. See General Explanations—Persons engaged—general classification.

[2] The aggregates for cost of materials, etc., and value of products include large amounts of duplication due to the use of products of some industries as materials by others. See General Explanations—Duplication in cost of materials and value of products.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See General Explanations—Value added by manufacture.

Table 2.—SUMMARY FOR INDUSTRIAL AREAS, COUNTIES, AND PLACES: 1939

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
The State:							
Manufacturing and printing and publishing industries and motion-picture production (not including distribution and projection in theaters), total	6,907,387	*[5] 12,422*	*297,050*	*$406,210,575*	*$1,696,163,742*	*$2,985,028,494*	
Manufacturing and printing and publishing industries		12,329	275,477	365,114,340	1,663,021,936	2,798,179,523	$1,135,157,587
INDUSTRIAL AREAS							
Los Angeles area [6]:							
Manufacturing and printing and publishing industries and motion-picture production (not including distribution and projection in theaters), total	2,785,643	*5,682*	*147,954*	*207,713,087*	*740,016,783*	*1,406,202,353*	
Manufacturing and printing and publishing industries		5,594	126,391	166,630,467	706,906,903	1,219,433,652	512,526,749
San Francisco-Oakland area [7]	1,412,686	3,441	76,374	110,964,281	600,156,725	960,636,411	360,479,686
COUNTIES [8]							
Alameda	513,011	978	27,040	37,888,309	159,477,503	282,405,138	122,927,635
Alpine [9]	323						
Amador	8,973	8	76	93,241	106,331	310,084	203,753
Butte	42,840	47	1,291	1,558,779	4,591,880	7,912,837	3,320,957
Calaveras [9]	8,221	13	183				
Colusa	9,788	11	54	45,164	527,474	726,399	198,925
Contra Costa	100,450	126	13,787	22,124,608	231,883,303	314,344,065	82,460,762
Del Norte	4,745	7	88	111,714	411,958	649,172	237,214
El Dorado	13,229	18	988	1,416,253	1,372,397	3,758,521	2,386,124
Fresno	178,565	259	4,933	5,298,891	32,656,364	51,537,293	18,880,929
Glenn	12,195	16	176	208,742	2,010,798	2,702,836	692,038
Humboldt	45,812	91	4,340	5,378,963	6,618,201	18,010,195	11,391,994
Imperial	59,740	55	441	532,876	2,980,237	5,133,934	2,153,697
Inyo	7,625	12	102	142,382	313,916	692,092	378,176
Kern	135,124	112	1,295	2,036,027	21,381,551	31,253,635	9,872,084
Kings	35,168	44	637	603,404	6,344,801	9,132,520	2,787,719
Lake	8,069	16	236	123,679	259,395	586,096	326,701
Lassen	14,479	18	2,543	3,575,230	2,470,348	7,497,528	5,027,180
Los Angeles	2,785,643	5,594	126,391	166,630,467	706,906,903	1,219,433,652	512,526,749
Madera	23,314	21	180	208,021	1,805,710	3,081,705	1,275,995
Marin	52,907	54	271	361,911	1,558,195	2,789,318	1,231,123
Mariposa [9]	5,605	5	70				
Mendocino	27,864	40	1,530	1,779,276	1,097,181	4,043,626	2,946,445
Merced	46,988	51	1,099	1,392,966	6,662,208	9,819,506	3,157,298
Modoc	8,713	15	932	1,277,150	1,394,861	3,492,747	2,097,886
Mono [9]	2,299						
Monterey	73,032	92	2,332	2,449,810	15,353,001	27,136,030	11,783,029
Napa	28,503	60	721	688,113	2,610,895	4,450,633	1,839,738
Nevada	19,283	19	115	156,850	199,453	504,731	305,278
Orange	130,760	133	2,113	2,127,787	11,258,850	19,512,759	8,253,909
Placer	28,108	26	883	1,312,829	1,798,541	3,823,441	2,024,900
Plumas	11,548	21	1,185	1,626,714	1,665,938	4,308,975	2,643,037
Riverside	105,524	83	1,496	1,770,324	4,043,468	11,517,121	7,473,653
Sacramento	170,333	227	5,044	6,106,655	29,347,201	48,185,404	18,838,203
San Benito	11,392	12	118	106,766	341,642	649,361	307,719
San Bernardino	161,108	122	2,951	4,261,308	10,164,282	25,562,389	15,398,107

See footnotes at end of table.

TABLE 2.—SUMMARY FOR INDUSTRIAL AREAS, COUNTIES, AND PLACES: 1939—Continued

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
COUNTIES [5]—continued							
San Diego	289,348	282	6,016	$7,483,051	$19,952,448	$41,821,822	$21,869,374
San Francisco	634,536	2,172	31,789	44,723,211	174,783,186	313,252,639	138,469,453
San Joaquin	134,207	207	4,350	5,248,198	28,373,400	46,692,201	18,318,801
San Luis Obispo	33,246	34	171	200,865	1,217,606	1,849,952	632,346
San Mateo	111,782	111	3,488	5,866,242	32,454,538	47,845,251	15,390,713
Santa Barbara	70,555	75	740	1,019,259	4,665,683	8,712,343	4,046,660
Santa Clara	174,949	312	9,316	10,036,654	48,236,440	78,074,685	29,838,245
Santa Cruz	45,057	70	1,045	1,203,648	4,121,471	7,958,763	3,837,292
Shasta	28,800	37	403	499,165	1,090,294	2,104,577	1,014,283
Sierra	3,025	5	483	689,577	1,473,346	2,889,395	1,416,049
Siskiyou	28,598	41	3,022	4,345,159	4,016,179	11,949,325	7,933,146
Solano	49,118	42	753	1,076,172	10,656,486	16,037,693	5,381,207
Sonoma	69,052	185	1,564	1,613,078	11,402,177	17,250,013	5,847,836
Stanislaus	74,866	105	2,715	2,562,058	18,007,168	25,851,109	7,843,941
Sutter	18,680	18	501	346,172	1,384,403	1,930,734	546,331
Tehama	14,316	17	174	143,642	946,322	1,408,924	462,602
Trinity	3,970	3	8	6,951	11,587	33,548	21,961
Tulare	107,152	89	1,055	1,133,047	9,473,040	13,339,277	3,866,237
Tuolumne	10,887	14	921	1,287,131	672,927	2,807,224	2,134,297
Ventura	69,685	54	618	886,239	7,302,792	10,386,007	3,083,215
Yolo	27,243	27	584	850,711	10,594,244	16,152,261	5,558,017
Yuba	17,034	23	120	143,993	1,532,325	2,076,186	543,861
Undistributed [10]		18	253	354,908	1,039,088	2,791,851	1,752,763
PLACES HAVING 10,000 OR MORE INHABITANTS							
Alameda	36,256	46	883	1,216,992	3,028,473	5,913,981	2,885,508
Albany	11,493	4	8	11,513	63,911	108,719	44,808
Alhambra	38,935	63	1,760	2,340,781	5,363,556	10,412,122	5,048,566
Anaheim	11,031	22	269	225,256	1,351,323	2,402,502	1,051,179
Bakersfield	29,252	45	466	716,802	2,229,181	4,660,199	2,431,018
Bell	11,264	8	154	194,982	370,704	847,238	476,534
Berkeley	85,547	154	2,779	4,235,105	19,600,902	34,846,392	15,245,490
Beverly Hills	26,823	21	477	690,466	1,499,599	3,860,424	2,360,825
Brawley	11,718	9	76	84,206	472,584	873,175	400,591
Burbank [11]	34,337	46	5,736				
Burlingame	15,940	11	61	95,387	232,827	568,532	335,705
Compton	16,198	26	422	524,318	1,626,401	3,210,357	1,583,956
El Centro	10,017	21	213	261,112	1,460,793	2,530,256	1,069,463
Eureka	17,055	35	1,099	1,451,612	1,909,147	5,088,112	3,178,965
Fresno	60,685	142	3,194	3,359,732	19,241,366	29,801,442	10,560,076
Fullerton [11]	10,442	8	542				
Glendale	82,582	107	1,177	1,313,097	3,231,113	7,893,793	4,662,680
Huntington Park	28,648	78	1,789	2,459,458	4,800,408	12,813,779	8,013,371
Inglewood	30,114	40	524	595,860	1,105,040	2,837,612	1,732,572
Lodi	11,079	20	451	547,032	1,839,732	3,590,599	1,750,867
Long Beach	164,271	199	2,873	3,840,785	32,351,179	49,606,366	17,255,187
Los Angeles:							
Manufacturing and printing and publishing industries and motion-picture production (not including distribution and projection in theaters), total	1,504,277	*4,022*	*80,963*	*105,967,996*	*325,898,934*	*662,874,075*	
Manufacturing and printing and publishing industries		3,957	71,366	86,267,447	304,602,675	567,554,024	262,951,349
Lynwood [11]	10,982	9	289				
Maywood	10,731	12	49	67,752	218,444	433,128	214,684
Merced	10,135	20	134	176,426	452,334	864,802	412,468
Modesto	16,379	33	987	1,010,630	8,180,429	11,646,449	3,466,020
Monrovia [11]	12,807	8	146				
Monterey	10,084	28	1,199	972,178	5,738,449	9,166,538	3,428,089
National City	10,344	14	181	247,896	1,284,017	2,281,041	997,024
Oakland	302,163	599	16,065	22,583,726	102,324,716	170,607,649	68,282,933
Ontario	14,197	14	592	694,512	2,162,415	4,919,418	2,757,003
Palo Alto [11]	16,774	20	306				
Pasadena	81,864	122	1,050	1,277,819	2,633,568	6,563,841	3,930,273
Pomona	23,539	29	702	920,937	1,933,089	4,871,367	2,938,278
Redlands	14,324	16	80	85,895	104,392	332,428	228,036
Redondo Beach	13,092	5	25	28,496	42,004	97,592	55,588
Redwood City	12,453	16	244	319,352	731,704	1,510,491	778,787
Richmond	23,642	52	4,144	6,753,072	55,075,178	76,195,349	21,120,171
Riverside	34,696	30	306	403,841	1,053,715	2,353,064	1,299,349
Sacramento	105,958	172	3,646	4,773,698	18,906,867	33,502,954	14,596,087
Salinas	11,586	29	369	412,397	2,667,234	4,223,999	1,556,765
San Bernardino	43,646	37	295	452,780	716,947	2,188,491	1,471,544
San Diego	203,341	214	5,625	7,020,336	17,766,348	37,859,241	20,092,893
San Francisco	634,536	2,172	31,788	44,723,211	174,783,186	313,252,639	138,469,453
San Gabriel [11]	11,867	9	34				
San Jose	68,457	168	5,326	5,722,870	29,047,348	47,139,268	18,091,920
San Leandro	14,601	19	678	831,903	1,566,997	3,516,849	1,949,852

See footnotes at end of table.

TABLE 2.—SUMMARY FOR INDUSTRIAL AREAS, COUNTIES, AND PLACES: 1939—Continued

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
PLACES HAVING 10,000 OR MORE INHABITANTS—continued							
San Mateo	19,403	7	47	$91,826	$97,592	$392,457	$294,865
Santa Ana	31,921	40	374	463,642	1,035,657	2,372,726	1,337,069
Santa Barbara	34,958	37	220	317,512	571,471	1,711,990	1,140,519
Santa Cruz	16,896	21	208	230,826	699,167	1,524,622	825,455
Santa Monica [11]	53,500	51	4,551	.....	.....	.....	.....
Santa Rosa	12,605	27	282	343,931	678,972	1,781,750	1,102,778
South Gate	26,945	37	1,088	1,456,345	6,014,208	10,159,110	4,144,902
South Pasadena	14,356	20	108	116,924	250,978	637,813	386,835
Stockton	54,714	101	2,078	2,696,968	10,513,894	19,395,686	8,881,792
Vallejo [11]	20,072	17	250	.....	.....	.....	.....
Ventura (San Buenaventura)	13,264	16	108	180,400	367,353	919,215	551,862
Whittier	16,115	23	235	330,455	617,427	1,627,743	1,010,316

[1] Not including salaried officers and employees nor nonmanufacturing wage earners. The figure for each county or place is an average of the numbers reported for the several months of the year. In calculating it, equal weight must be given to full-time and to part-time wage earners (not reported separately by the manufacturers), and for this reason it exceeds the number that would have been required to perform the work done in the industries if all wage earners had been continuously employed throughout the year. The quotient obtained by dividing the amount of wages by the average number of wage earners cannot, therefore, be accepted as representing the average wage received by full-time wage earners. Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several counties do not add exactly to the average for the State. In making comparisons between the figures for 1939 and those for earlier years, the possibility that the proportion of part-time employment varied from year to year should be taken into account.

[2] Profits and losses cannot be calculated from the census figures because no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, and advertising.

[3] See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

[5] For numbers of establishments by "Industry groups," see table 11.

[6] The Los Angeles Industrial Area is coextensive with Los Angeles County. For statistics by industries for this area, see table 9.

[7] The San Francisco-Oakland Industrial Area comprises Alameda, Contra Costa, Marin, San Francisco, and San Mateo Counties. For statistics by industries for this area, see table 9.

[8] No manufacturing reported.

[9] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Undistributed" figures.

[10] The "Undistributed" figure for number of establishments and for number of wage earners are included above in the items for the respective counties. The sums of the figures in these two columns are, therefore, larger than the corresponding State totals.

[11] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments.

TABLE 3.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, BY SEX: 1939 AND 1929

[The 1939 questionnaire, for the first time, called for data on the *total* number of employees in manufacturing establishments, including those engaged wholly or chiefly in distribution, construction, and other nonmanufacturing activities. It is not known to what extent data for such employees were included in the figures reported for earlier years. This table presents detailed figures for employees receiving pay at any time within the *normal* pay-roll period ended nearest Oct. 14, 1939, and for such employees on the pay roll on Dec. 14, 1929, or on the nearest *representative* date. The total for "Wage earners engaged in manufacturing" is not identical with the average for the year (given in other tables), and differs from the number reported for October 1939 or for December 1929, because for both years some manufacturers gave wage-earner figures for months other than those specified. See GENERAL EXPLANATIONS—Persons engaged—general classification]

CLASS AND SEX	1939 (Oct. 14)[1]	1929 (Dec. 14)[1]
All classes, aggregate [2]	417,456	314,003
Male	322,085	252,562
Female	95,371	61,441
Salaried officers and employees, total	87,132	52,564
Male	69,334	40,097
Female	17,798	12,467
Salaried officers of corporations, total	5,455	5,600
Male	5,006	5,232
Female	449	368
All other employees (except wage earners in manufacturing), total	81,677	46,964
Male	64,328	34,865
Female	17,349	12,099
Salaried officers and employees—Continued.		
All other employees, etc.—Continued.		
Engaged in manufacturing:		
Male	32,409	(3)
Female	10,363	
Engaged in distribution:		
Male	26,348	
Female	6,807	
Engaged in construction:		
Male	3,821	
Engaged in other work:		
Male	1,750	
Female	179	
Wage earners engaged in manufacturing, total	330,324	261,439
Male	252,751	212,465
Female	77,573	48,974

[1] See headnote.

[2] Figures do not include data for 11,184 proprietors and firm members for 1939 and 9,035 for 1929, which were not reported by sex for 1939.

[3] No data

TABLE 4.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS: 1939, 1937, AND 1929

The figures for 1939 relate to wage earners engaged in manufacturing only. It is not known to what extent the figures for earlier years include data for nonmanufacturing wage earners. See headnote to table 3]

CENSUS YEAR	Average number employed during year [1]	NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH—											
		January	February	March	April	May	June	July	August	September	October	November	December
1939	275,477	235,282	237,614	242,107	258,812	261,601	265,709	288,187	323,841	317,246	308,493	289,232	277,599
1937	302,189	258,170	266,858	279,518	303,530	299,657	306,710	332,332	361,193	352,287	319,011	286,339	260,662
1929	263,057	230,051	234,367	247,171	266,161	253,443	264,489	280,961	308,022	299,666	279,952	257,340	235,065

[1] See GENERAL EXPLANATIONS—Wage earners and wages.

TABLE 5.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY NUMBER OF WAGE EARNERS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS	VALUE ADDED BY MANUFACTURE [2]
	1939	1929	1939	1929	1939	1939
All establishments	12,329	11,713	275,477	263,057	$2,798,179,523	$1,135,157,587
No wage earners	758	466	----------	----------	15,992,295	7,953,410
1 to 5	5,902	6,079	15,206	15,742	148,394,200	72,155,687
6 to 20	3,335	3,031	36,062	32,634	338,620,537	144,389,065
21 to 50	1,295	1,105	41,013	35,133	396,512,798	161,100,763
51 to 100	514	508	36,810	35,941	338,358,661	148,007,445
101 to 250	366	363	55,872	54,854	510,667,183	225,659,731
251 to 500	108	100	38,370	34,087	445,459,335	152,619,707
501 to 1,000	35	45	22,520	29,362	362,444,475	116,558,492
1,001 to 2,500	13	[3] 16	17,864	[3] 25,304	171,763,281	61,560,596
2,501 or more	3		11,760		69,966,758	45,152,691

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Combined to avoid disclosing data for individual establishments.

TABLE 6.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY VALUE OF PRODUCTS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
All establishments	12,329	11,713	275,477	263,057	$2,798,179,523	$2,841,845,647	$1,135,157,587	$1,186,706,359
$5,000 to $19,999	4,599	4,412	10,621	9,544	51,569,658	50,168,578	30,678,525	31,702,548
$20,000 to $49,999	2,920	2,738	16,714	14,154	92,767,302	87,705,924	52,306,815	52,631,892
$50,000 to $99,999	1,648	1,584	19,355	17,326	117,599,481	112,431,139	63,019,721	64,402,628
$100,000 to $249,999	1,531	1,429	35,432	33,214	239,318,644	224,895,345	118,810,905	121,989,336
$250,000 to $499,999	699	622	32,846	28,641	247,298,678	217,435,848	112,576,713	109,601,383
$500,000 to $999,999	453	463	36,653	39,018	318,137,731	319,482,093	143,362,557	146,492,417
$1,000,000 to $2,499,999	316	292	46,990	47,264	477,060,958	446,757,145	207,830,780	194,981,810
$2,500,000 to $4,999,999	97	113	30,203	34,961	336,907,065	369,698,356	137,255,692	150,919,564
$5,000,000 and over	66	60	46,663	38,935	917,520,006	1,013,271,219	269,315,879	313,984,781

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 7.—ESTABLISHMENTS CLASSIFIED AS UNDER CORPORATE OR OTHER FORM OF OWNERSHIP (OR CONTROL) AND AS UNDER CENTRAL-ADMINISTRATIVE-OFFICE OR INDEPENDENT OPERATION: 1939 AND 1929

TYPE OF OWNERSHIP OR CONTROL, AND OF OPERATION	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
Total	12,329	11,713	275,477	263,057	$2,798,179,523	$2,841,845,647	$1,135,157,587	$1,186,706,359
TYPE OF OPERATION								
1939 [3]								
Corporate ownership or control:								
Central-administrative-office (plural-unit)	1,851	(3)	139,558	(3)	1,816,680,327	(3)	674,032,830	(3)
Independent (single-unit)	2,678	(3)	78,124	(3)	581,831,108	(3)	280,034,978	(3)
Noncorporate ownership:								
Central-administrative-office (plural-unit)	346	(3)	5,898	(3)	49,153,827	(3)	19,400,500	(3)
Independent (single-unit)	7,454	(3)	51,897	(3)	350,514,261	(3)	161,689,279	(3)
1939 AND 1929 [3]								
Central-administrative-office (plural-unit), corporate and noncorporate	2,197	1,295	145,456	116,598	1,865,834,154	1,714,563,905	693,433,330	616,112,824
Independent (single-unit), corporate and noncorporate	10,132	10,418	130,021	146,459	932,345,369	1,127,281,742	441,724,257	570,593,535
TYPE OF OWNERSHIP OR CONTROL								
Corporate	4,529	4,341	217,682	216,455	2,398,511,435	2,505,446,185	954,067,808	1,017,957,118
Noncorporate, total	7,800	7,372	57,795	46,602	399,668,088	336,399,462	181,089,779	168,749,241
Individual	5,061	(4)	30,094	(4)	196,193,197	(4)	92,190,590	(4)
Partnership	2,654	(4)	24,889	(4)	174,568,627	(4)	78,939,967	(4)
Cooperative	56	(4)	2,620	(4)	27,243,639	(4)	8,895,562	(4)
Other	29	(4)	192	(4)	1,662,625	(4)	1,063,660	(4)

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Because of changes in the questionnaire, no comparable figures for 1929 can be given for the first section of this table. For this reason, the items have been regrouped under "1939 and 1929" to present comparable figures so far as this can be done.
[4] No data.

TABLE 8.—GENERAL STATISTICS FOR

[This table presents separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments, given, however, reported larger numbers of wage earners or larger

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS[1]						
					Total[3]	Salaried officers of corporations[3]	Manufacturing		Distribution	Construction	Other
							Salaried employees[2]	Wage earners (average for year)[3]			
1		All industries, total	12,329	11,184	362,609	5,455	42,772	275,477	33,155	3,821	1,929
2	17	Agricultural machinery (except tractors)	24	23	408	12	60	289	44	1	2
3	19	Aircraft and parts, including aircraft engines	32	13	23,777	144	7,106	16,036	343	68	80
4	15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	12	5	421	6	69	303	14	25	4
5	15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	19	25	550	3	69	460	18	------	------
6	13	Asbestos products (except steam packing and pipe and boiler covering)	6	2	252	3	23	185	25	16	------
7	18	Automobile trailers (for attachment to passenger cars)	19	25	152	4	8	134	6	------	------
8	1	Baking powder, yeast, and other leavening compounds	5	------	186	------	22	110	38	12	4
9	6	Baskets for fruits and vegetables	8	2	130	2	8	109	9	2	------
10	16	Batteries, storage and primary (dry and wet)	30	19	702	15	69	546	71	------	1
11	3	Batting, padding, and wadding; upholstery filling	12	4	377	4	48	308	17	------	------
12	20	Beauty-shop and barber-shop equipment	6	4	104	4	14	57	29	------	------
13	1	Beet sugar	10	------	2,263	------	199	1,950	------	------	114
14	4	Belts (apparel), regardless of material	16	22	144	1	7	112	23	------	1
15	1	Biscuit, crackers, and pretzels	28	20	1,655	13	91	1,401	118	10	22
16	1	Blended and prepared flour made from purchased flour	8	9	34	------	5	22	7	------	------
17	17	Blowers; exhaust and ventilating fans	5	[illegible]	197	7	36	131	14	8	1
18	19	Boat building and boat repairing	15	23	65	------	[illegible]	60	1	------	------
19	14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	8	4	146	9	20	108	8	1	------
20	8	Bookbinding and related industries	65	67	1,210	24	240	764	176	------	6
21	8	Books: printing without publishing	36	40	398	14	54	291	39	------	------
22	8	Books: publishing and printing	17	10	331	17	33	266	15	------	------
23	8	Books: publishing without printing	19	9	281	10	142	1	128	------	------
24	12	Boot and shoe cut stock and findings	8	6	71	6	8	55	2	------	------
25	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	1,225	1,501	14,734	102	693	11,263	2,318	184	174
26	13	Brick and hollow structural tile	29	22	770	16	34	649	60	3	8
27	20	Brooms	15	32	107	1	4	96	6	------	------
28	20	Brushes	[illegible]	5	120	9	12	74	25	------	------
29	20	Buttons	5	6	29	------	1	28	------	------	------
30	9	Candles	4	1	31	4	5	18	4	------	------
31	1	Candy and other confectionery products	111	85	3,374	42	191	2,751	357	------	33
32	1	Canned and dried fruits and vegetables (including canned soups)	363	251	27,817	191	1,535	25,093	730	181	87
33	1	Canned fish, crustacea, and mollusks	33	------	6,062	43	279	5,558	77	53	52
34	4	Canvas products (except bags)	20	7	356	20	27	175	130	1	3
35	20	Carbon paper and inked ribbons	6	11	44	------	2	25	16	1	------
36	3	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	6	4	73	4	3	52	14	------	------
37	17	Cars and trucks, industrial	4	3	39	3	5	25	6	------	------
38	6	Caskets, coffins, burial cases, and other morticians' goods	36	24	492	28	50	347	65	------	2
39	14	Cast-iron pipe and fittings	5	1	776	8	61	699	7	------	1
40	13	Cement	10	------	1,851	5	252	1,486	65	43	------
41	1	Cereal preparations	12	13	144	4	9	110	20	------	1
42	1	Cheese	37	27	360	9	51	274	22	4	------
43	9	Chemicals not elsewhere classified	58	6	4,272	41	720	2,985	182	298	46
44	4	Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors	3	4	34	------	3	28	2	------	1
45	4	Children's coats—made in inside factories or by jobbers engaging contractors	5	6	26	------	------	26	------	------	------
46	4	Children's dresses—made in inside factories or by jobbers engaging contractors	5	3	195	6	5	173	11	------	------
47	1	Chocolate and cocoa products	3	------	192	8	17	140	22	------	5
48	6	Cigar boxes: wooden, part wooden	3	9	46	------	4	42	------	------	------
49	2	Cigars	17	22	746	4	13	708	21	------	------
50	13	Clay products (except pottery) not elsewhere classified	5	4	76	1	7	60	8	------	------
51	13	Clay refractories, including refractory cement (clay)	8	2	359	4	21	318	14	2	------
52	9	Cleaning and polishing preparations, blackings, and dressings	45	36	319	21	43	131	123	------	1
53	4	Clothing, leather and sheep-lined	9	7	511	9	29	428	45	------	------
54	3	Cloth sponging and miscellaneous special finishing	6	3	90	7	2	76	5	------	------
55	4	Coats, suits, and skirts (except fur coats)—made in contract factories	12	17	132	4	1	117	10	------	------
56	4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	141	176	2,841	30	124	2,517	160	------	10
57	9	Colors and pigments	4	------	118	5	22	84	7	------	------
58	17	Commercial laundry, dry-cleaning, and pressing machinery	5	5	34	1	4	21	8	------	------
59	16	Communication equipment	21	16	228	8	38	170	9	3	------
60	9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	29	5	489	7	50	260	168	3	1
61	13	Concrete products	165	143	1,442	42	115	1,099	146	9	31
62	1	Condensed and evaporated milk	38	3	917	3	147	709	19	10	29
63	17	Construction and similar machinery (except mining and oil-field machinery and tools)	17	9	615	18	79	461	46	1	10
64	7	Converted paper products not elsewhere classified	20	10	505	13	65	347	80	------	------
65	1	Cooking and other edible fats and oils, not elsewhere classified	7	------	759	6	125	425	181	22	------
66	6	Cooperage	11	13	215	2	15	185	13	------	------
67	3	Cordage and twine	4	1	257	10	28	209	10	------	------
68	4	Corsets and allied garments	22	17	662	11	34	552	65	------	------
69	20	Costume jewelry and costume novelties (jewelry other than fine jewelry)	5	5	63	2	8	52	1	------	------
70	3	Cotton broad woven goods	4		345	4	13	313	15	------	------
71	9	Cottonseed oil, cake, meal, and linters	8	------	462	12	75	351	13	4	7

See footnotes at end of table.

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and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures are values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
		Manufacturing												
Total [2]	Salaries of officers of corporations [2]	Salaries [2]	Wages	Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
543,237,217	28,063,436	82,790,140	365,114,340	58,027,084	6,320,535	2,921,682	1,663,021,936	1,604,459,168	23,117,739	19,538,366	15,906,663	2,798,179,523	1,135,157,587	1
599,386	36,225	104,795	342,836	111,745	1,758	2,027	877,785	854,568	7,136	13,581	2,500	1,957,384	1,079,599	2
39,151,676	1,152,334	12,081,194	25,220,925	549,741	100,282	47,200	29,224,810	27,400,384	65,309	365,298	1,393,819	89,327,595	60,102,785	3
711,081	20,292	171,302	484,005	39,320	41,620	4,542	5,187,554	5,112,524	39,498	35,532	----------	6,857,577	1,670,023	4
853,048	23,400	127,373	676,293	18,751	7,231	----------	743,473	697,917	15,118	23,678	6,760	2,435,921	1,692,448	5
298,130	11,487	43,169	193,873	29,776	19,825	----------	478,030	426,291	20,943	30,424	372	1,151,473	673,443	6
157,720	8,200	11,317	132,641	5,562	----------	----------	416,689	410,322	130	4,050	2,187	736,455	319,766	7
415,732	----------	57,010	227,972	94,841	25,889	10,020	573,874	512,677	32,792	28,405	----------	1,452,128	878,254	8
166,263	17,700	19,987	111,180	15,651	1,745	----------	489,747	484,330	805	4,612	----------	964,724	474,977	9
1,066,077	88,649	127,953	723,578	124,697	----------	1,200	3,919,627	3,812,931	16,915	89,717	64	5,582,010	1,662,383	10
431,976	15,660	81,874	311,904	22,538	----------	----------	1,322,142	1,281,927	3,231	27,942	9,042	2,073,719	751,577	11
184,879	38,500	27,899	75,533	42,947	----------	----------	421,640	418,816	120	2,704	----------	840,864	419,224	12
3,505,047	----------	394,184	2,929,499	----------	14,800	166,564	21,047,957	19,947,560	1,067,816	32,581	----------	36,366,869	15,318,912	13
127,965	250	5,375	97,758	23,958	----------	624	180,325	178,689	62	1,574	----------	439,415	259,090	14
2,134,809	75,587	188,686	1,585,201	240,529	24,384	20,422	4,010,484	3,922,914	55,673	31,897	----------	10,313,609	6,303,125	15
48,654	----------	9,672	28,826	10,156	----------	----------	351,916	349,806	135	1,975	----------	527,550	175,634	16
343,103	27,877	66,671	183,938	60,643	3,086	888	456,564	451,222	538	4,304	500	1,201,058	744,494	17
88,201	----------	4,605	81,268	1,328	----------	1,000	129,665	126,545	319	2,251	550	323,346	193,681	18
174,289	39,570	27,295	95,616	11,308	500	----------	200,191	186,731	2,665	5,595	5,200	484,528	284,337	19
2,179,876	88,115	425,621	1,156,023	480,690	----------	29,427	1,670,295	1,596,637	3,979	25,243	44,436	5,268,833	3,598,538	20
624,811	48,254	82,036	407,328	87,193	----------	----------	595,029	462,070	1,875	13,956	117,128	1,743,742	1,148,713	21
577,922	49,799	59,820	446,082	22,221	----------	----------	434,374	401,684	3,173	7,180	22,337	1,801,347	1,366,973	22
469,520	50,455	180,382	2,700	235,983	----------	----------	504,291	101,760	112	987	401,432	1,616,660	1,112,369	23
82,750	19,862	10,114	50,296	2,478	----------	----------	194,390	192,456	48	1,886	----------	323,448	129,058	24
22,785,455	607,032	1,335,898	17,692,308	2,546,530	315,457	288,230	36,268,659	35,065,332	627,402	575,505	420	80,221,290	43,952,631	25
913,884	75,658	61,249	654,771	112,666	3,712	5,828	486,112	185,958	236,640	63,514	----------	2,009,173	1,523,061	26
113,476	3,200	4,040	97,390	8,846	----------	----------	204,949	202,740	73	2,136	----------	389,838	184,889	27
181,224	32,631	21,089	79,330	48,174	----------	----------	343,221	339,430	804	2,987	----------	641,055	297,834	28
24,891	----------	1,300	23,591	----------	----------	----------	17,641	16,503	428	710	----------	72,258	54,617	29
36,888	8,263	7,171	14,352	7,102	----------	----------	74,219	72,360	1,107	752	----------	138,879	64,660	30
3,278,141	196,839	352,261	2,115,666	563,350	2,034	47,991	9,361,308	9,216,514	62,936	80,977	881	16,296,750	6,935,442	31
26,039,011	876,949	2,328,034	21,625,050	822,944	291,522	94,512	111,615,797	110,371,987	756,201	462,958	24,651	171,592,949	59,977,152	32
5,030,199	327,041	510,989	3,975,086	113,431	46,246	57,406	23,493,491	23,212,008	171,372	110,111	----------	37,503,642	14,010,151	33
580,896	124,838	45,666	190,980	214,552	1,200	3,660	957,815	950,917	343	5,812	743	1,601,044	643,229	34
67,448	----------	7,848	35,277	23,193	1,130	----------	162,070	159,083	1,434	1,553	----------	271,131	109,061	35
85,750	10,800	3,444	46,170	25,336	----------	----------	81,805	78,831	1,383	1,591	----------	190,138	108,333	36
64,106	7,560	7,972	40,111	8,463	----------	----------	113,307	111,599	131	1,577	----------	228,707	115,400	37
903,048	145,723	99,685	505,328	149,850	----------	2,462	1,548,334	1,536,686	1,980	9,573	95	3,068,927	1,520,593	38
1,026,090	39,338	96,656	880,136	9,460	----------	500	1,268,935	1,103,968	145,083	18,884	1,000	2,622,325	1,353,390	39
3,331,548	37,650	668,871	2,378,839	190,518	55,670	----------	7,176,107	3,685,143	2,158,613	1,327,569	4,782	16,120,037	8,943,930	40
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	41
552,456	39,451	96,667	370,326	36,908	9,104	----------	3,291,814	3,213,930	48,076	29,808	----------	4,558,085	1,266,271	42
7,873,349	242,148	1,899,048	4,700,127	464,604	485,119	82,303	15,523,003	12,885,615	1,651,834	971,474	14,080	38,435,566	22,912,563	43
(5)	----------	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	44
35,528	----------	----------	35,528	----------	----------	----------	49,693	49,070	40	508	75	132,199	82,506	45
174,300	28,500	6,335	121,976	17,489	----------	----------	239,047	217,928	391	1,608	19,120	476,456	237,409	46
413,599	77,609	56,391	201,111	45,326	----------	33,162	1,562,212	1,522,568	5,462	34,182	----------	2,484,518	922,306	47
(5)	----------	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	48
708,411	15,600	20,701	629,370	42,740	----------	----------	1,093,658	1,084,113	1,577	7,968	----------	2,168,183	1,074,525	49
103,247	2,700	23,165	65,831	11,551	----------	----------	35,669	14,417	19,552	1,700	----------	246,197	210,528	50
471,343	12,275	38,587	392,299	24,982	3,200	----------	582,703	447,258	94,898	40,547	----------	1,541,033	958,330	51
428,434	49,233	67,089	130,147	179,231	358	2,376	952,299	935,947	4,860	6,392	5,100	2,162,685	1,210,386	52
606,650	59,181	45,243	425,982	76,244	----------	----------	1,121,358	1,116,252	418	4,688	----------	1,956,077	834,719	53
134,216	28,530	5,210	91,358	9,118	----------	----------	271,461	265,981	3,348	2,132	----------	573,926	302,465	54
111,839	1,880	2,311	96,001	11,647	----------	----------	89,595	47,753	382	1,222	40,238	291,783	202,188	55
3,519,387	143,074	185,611	2,922,944	254,557	----------	13,201	6,206,159	5,868,397	5,280	29,703	302,779	11,984,807	5,778,648	56
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	57
66,286	2,400	5,107	35,493	23,286	----------	----------	166,008	161,805	----------	953	3,250	307,393	141,385	58
278,409	19,728	51,792	191,914	11,096	3,879	----------	260,213	252,371	1,028	4,879	1,935	718,465	458,252	59
956,090	84,533	117,064	395,112	353,959	4,592	830	893,595	662,071	39,572	190,895	1,057	3,219,298	2,325,703	60
1,959,620	158,990	197,366	1,294,979	241,047	30,126	37,112	3,526,891	3,432,966	27,993	56,584	9,348	7,145,628	3,618,737	61
1,341,842	14,100	258,187	957,626	57,447	16,775	37,707	14,348,061	13,891,103	330,220	126,738	----------	17,469,959	3,121,898	62
988,778	66,699	137,233	685,200	92,381	1,800	5,465	2,299,489	1,628,865	16,110	33,061	621,453	4,290,375	1,990,886	63
701,224	59,800	123,525	385,668	132,231	----------	----------	1,606,162	1,575,489	949	17,214	12,510	3,794,475	2,188,313	64
1,390,327	26,160	273,374	704,134	351,068	35,591	----------	16,683,572	16,406,930	133,870	142,772	----------	20,338,360	3,654,788	65
329,879	21,705	34,156	252,270	21,748	----------	----------	1,002,617	984,062	10,189	8,366	----------	1,546,324	543,707	66
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	67
616,767	29,794	54,310	444,885	87,778	----------	----------	726,333	718,891	408	7,034	----------	1,961,676	1,235,343	68
47,650	629	6,176	39,183	1,662	----------	----------	42,188	40,374	453	431	930	129,553	87,365	69
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	70
635,921	55,399	131,896	404,505	25,863	9,218	9,040	5,220,982	5,092,647	20,313	108,022	----------	8,188,637	2,967,655	71

TABLE 8.—GENERAL STATISTICS FOR THE

	Group	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS[1] Total[2]	Salaried officers of corporations[2]	Manufacturing: Salaried employees[2]	Manufacturing: Wage earners (average for year)[3]	Distribution	Construction	Other
1	1	Creamery butter	65	30	1,048	15	155	731	135	5	7
2	1	Cured fish	9	10	56	1	4	41	7		3
3	4	Curtains, draperies, and bedspreads—contract factories	7	8	61		3	58			
4	4	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	24	21	588	7	32	504	42		3
5	14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	9	13	30	3	1	25	1		
6	20	Dental equipment and supplies	10	13	36	2	2	26	6		
7	7	Die-cut paper and paperboard, and converted cardboard	8	2	169	13	18	111	21	2	4
8	14	Doors, window sash, frames, molding, and trim (made of metal)	33	20	639	25	62	462	86	2	2
9	9	Drugs and medicines (including drug grinding)	71	38	945	58	168	486	219	13	1
10	3	Dyeing and finishing cotton, rayon, silk, and linen textiles	8	4	189	10	15	145	19		
11	3	Dyeing and finishing woolen and worsted	4		81	5	10	64	2		
12	16	Electrical appliances	8	6	695	5	94	584	12		
13	16	Electrical measuring instruments	3	1	27	4	6	12	5		
14	16	Electrical products not elsewhere classified	7	9	27		4	21	2		
15	15	Electroplating, plating, and polishing	66	81	560	17	42	476	22		3
16	8	Electrotyping and stereotyping, not done in printing establishments	13	7	250	10	43	172	25		
17	17	Elevators, escalators, and conveyors	18	9	459	16	73	294	76		
18	4	Embroideries, other than Schiffli-machine products—contract factories	10	14	55		2	53			
19	4	Embroideries: Schiffli-machine products	6	9	43		5	35	3		
20	14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	20	18	1,685	19	99	1,496	71		
21	14	Enameling, japanning, and lacquering	9	9	75		9	66			
22	15	Engraving on metal (except for printing purposes)	4	2	21	2	2	16	1		
23	8	Engraving (steel, copperplate, and wood); plate printing	27	31	153	8	21	114	10		
24	7	Envelopes	11	10	452	14	44	331	57	5	1
25	9	Explosives	5		718	4	95	586	4	29	
26	20	Fabricated plastic products, not elsewhere classified	24	16	461	20	44	372	22	3	
27	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	102	79	3,033	77	436	2,308	205	4	3
28	20	Feathers, plumes, and artificial flowers	9	9	49		4	44	1		
29	3	Felt goods, wool, hair, and jute (except woven felts and hat bodies and hats)	3	13	273	4	27	21	23		
30	9	Fertilizers	29	17	391	16	47	198	128	2	
31	3	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	8	3	164	8	11	122	23		
32	20	Fire extinguishers, chemical	4	2	28		9	18	1		
33	9	Fireworks	3	1	27		4	23			
34	9	Fish and other marine oils, cake, and meal	34	4	562	43	61	442	16		
35	1	Flavoring extracts and flavoring sirups, not elsewhere classified	46	28	748	27	120	527	57	15	2
36	13	Floor and wall tile (except quarry tile)	15	11	1,225	12	60	1,102	48	3	
37	1	Flour and other grain-mill products	26	8	843	15	119	504	205		
38	1	Food preparations, not elsewhere classified	156	154	1,917	72	150	1,258	413	8	16
39	17	Food-products machinery	43	25	914	41	168	588	116	1	
40	12	Footwear (except rubber)	18	7	1,103	17	103	908	75		
41	14	Forgings, iron and steel—made in plants not operated in connection with rolling mills	11	10	308	8	33	252	15		
42	4	Fur coats and other fur garments, accessories, and trimmings	83	102	467	12	36	389	30		
43	20	Furs, dressed and dyed	7	6	49	4	8	33	4		
44	14	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	13	12	115	8	9	93	5		
45	20	Games and toys (except dolls and children's vehicles)	18	21	177	11	23	124	18	1	
46	8	General commercial (job) printing	789	846	6,047	229	706	4,440	671	1	
47	16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	49	33	2,085	39	402	1,484	155		5
48	13	Glass containers	7		1,870	10	254	1,561	38		7
49	9	Glue and gelatin	7	6	187	2	29	134	10	12	
50	8	Gravure, rotogravure, and rotary photogravure (including preparation of plates)	3	1	107	3	12	80	12		
51	14	Gray-iron and semisteel castings	61	55	2,721	36	168	2,410	102	5	
52	9	Grease and tallow (except lubricating greases)	18	28	369	10	35	319	3	2	
53	8	Greeting cards (except hand-painted)	8	7	238	5	37	160	36		
54	13	Gypsum products	6		444	4	54	379	2	5	
55	4	Handkerchiefs—made in inside factories or by jobbers engaging contractors	5	7	67		4	45	18		
56	20	Hand stamps, stencils, and brands	29	28	198	14	7	144	33		
57	14	Hardware not elsewhere classified	38	43	881	15	68	657	141		
58	9	Hardwood distillation and charcoal manufacture	3	1	13	2		10			1
59	14	Heating and cooking apparatus, except electric, not elsewhere classified	14	17	105	3	12	79	11		
60	3	Hosiery—full-fashioned	4	1	676	8	13	613	36	6	
61	4	House dresses, uniforms, and aprons—made in contract factories	3	4	42			42			
62	4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	24	22	1,148	12	53	1,016	67		
63	4	Housefurnishings (except curtains, draperies, and bedspreads)	32	31	504	13	30	385	71		5
64	6	Household furniture, except upholstered	196	264	4,187	41	227	3,484	406	3	26
65	1	Ice cream and ices	209	177	2,508	65	195	1,047	1,030	17	154
66	1	Ice, manufactured	206	72	2,931	69	185	1,309	1,291	34	43
77	12	Industrial leather belting and packing leather	10	10	69	3	8	41	17		
68	17	Industrial machinery, not elsewhere classified	44	27	1,528	35	210	1,114	135	31	3
69	9	Insecticides, fungicides, and related industrial and household chemical compounds	73	44	656	52	9[illegible]	364	132	[illegible]	
70		Insulated wire and cable	6	1	214	4	28	173	5		4

See footnotes at end of table.

STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
1,518,193	51,303	265,677	979,871	205,529	9,759	6,054	18,237,337	17,832,831	236,197	168,309	----------	21,895,490	3,658,153	1
68,193	6,000	6,580	48,653	4,120	----------	2,840	330,231	324,953	2,724	2,554	----------	510,618	180,387	2
55,498	----------	3,135	52,363	----------	----------	----------	21,954	20,913	17	1,024	----------	115,016	93,062	3
595,133	37,820	48,986	420,556	84,080	----------	3,691	1,748,350	1,735,424	339	7,601	4,986	2,758,469	1,010,119	4
33,141	1,034	1,130	28,968	2,009	----------	----------	42,405	35,906	524	1,692	4,283	123,383	80,978	5
37,292	3,480	2,585	24,186	7,041	----------	----------	216,761	215,635	239	887	----------	363,573	146,812	6
246,020	40,773	18,142	135,856	45,897	2,352	3,000	356,432	347,716	1,017	5,699	2,000	839,729	483,297	7
1,036,154	108,963	126,562	656,120	140,353	3,000	1,156	1,343,153	1,297,558	3,983	18,018	23,594	3,192,851	1,849,698	8
1,464,457	272,168	277,076	535,700	361,799	16,242	1,472	2,140,519	2,095,547	22,161	22,441	370	5,023,913	2,883,394	9
205,036	22,841	21,706	137,374	23,115	----------	----------	358,892	341,602	13,158	4,132	----------	651,817	292,925	10
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	11
991,572	36,200	202,558	736,313	16,501	----------	----------	1,767,186	1,707,920	13,761	38,292	7,213	3,579,215	1,812,029	12
48,200	21,112	9,488	12,185	5,415	----------	----------	38,917	38,537	37	343	----------	111,333	72,416	13
36,615	----------	7,233	27,182	2,200	----------	----------	87,925	87,141	51	733	----------	203,223	115,298	14
799,801	58,874	56,347	640,873	39,417	----------	4,290	337,213	265,615	15,060	52,073	4,465	1,713,587	1,376,374	15
543,398	74,730	106,925	304,107	57,636	----------	----------	146,318	114,971	4,098	8,991	18,258	953,595	807,277	16
863,673	97,517	145,584	460,182	160,390	----------	----------	1,143,686	1,099,748	3,062	12,182	28,694	2,343,473	1,199,787	17
46,808	----------	1,570	45,238	----------	----------	----------	21,969	18,506	211	790	2,462	126,786	104,817	18
48,944	----------	7,072	39,191	2,681	----------	----------	25,272	24,472	72	628	100	107,470	82,198	19
2,600,707	133,428	210,033	2,124,727	132,519	----------	----------	3,816,045	3,564,819	160,114	84,978	6,134	9,239,875	5,423,830	20
102,576	----------	18,794	83,782	----------	----------	----------	105,355	97,060	5,119	3,146	30	291,552	186,197	21
23,324	2,436	1,858	18,477	553	----------	----------	9,866	9,041	141	391	293	49,082	39,216	22
197,392	21,700	22,981	145,471	7,240	----------	----------	156,024	135,888	460	3,721	15,955	543,225	387,201	23
688,115	50,967	104,409	403,409	119,315	8,537	1,478	911,225	885,275	2,604	11,629	11,717	1,963,648	1,052,423	24
1,232,478	38,850	251,456	877,682	7,244	57,246	----------	2,815,288	2,701,028	50,477	63,783	----------	6,808,204	3,992,916	25
654,308	46,903	73,182	487,416	44,604	2,203	----------	1,006,850	971,167	7,795	24,322	3,566	2,279,441	1,272,591	26
4,930,801	309,562	829,980	3,366,174	413,905	7,280	3,900	11,081,897	10,738,475	30,233	121,342	191,847	18,606,747	7,524,850	27
50,740	----------	5,365	45,175	200	----------	----------	86,681	84,595	821	1,015	250	189,894	103,213	28
420,004	37,509	66,609	287,174	28,712	----------	----------	1,030,868	996,728	14,932	19,208	----------	2,131,490	1,100,622	29
489,352	48,867	66,106	194,368	161,499	3,817	14,695	3,555,332	3,524,215	10,765	15,386	4,966	4,843,213	1,287,881	30
217,111	19,650	27,425	125,287	44,749	----------	----------	329,627	324,708	1,310	3,369	240	747,886	418,259	31
(5)	----------	(5)	(5)	(5)	----------	----------	(5)	(5)	----------	(5)	----------	(5)	(5)	32
(5)	----------	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	33
818,669	201,536	100,372	486,176	30,585	----------	----------	5,228,355	5,097,479	80,055	48,821	2,000	7,565,503	2,337,148	34
1,160,779	267,578	229,991	559,798	86,328	15,640	1,444	4,686,955	4,599,453	39,526	47,976	----------	12,528,833	7,841,878	35
1,558,761	61,201	129,071	1,288,605	76,869	3,015	----------	921,810	762,434	118,786	40,590	----------	3,928,189	3,006,379	36
1,543,149	154,700	227,159	817,434	343,856	----------	----------	13,696,456	13,524,024	7,163	165,269	----------	18,985,809	5,289,353	37
2,313,056	276,732	205,102	1,214,324	598,414	10,102	8,382	8,773,669	8,662,802	54,091	56,776	----------	13,704,978	4,931,309	38
1,730,599	218,316	342,993	910,394	257,096	1,800	----------	1,723,857	1,628,944	7,968	28,912	58,033	4,325,946	2,602,089	39
1,249,996	48,447	152,656	947,679	101,214	----------	----------	1,617,226	1,524,095	2,016	11,229	79,886	3,612,875	1,995,649	40
534,025	40,595	87,050	370,264	36,116	----------	----------	1,403,352	1,324,433	59,756	18,763	400	2,625,765	1,222,413	41
714,964	51,784	56,007	563,526	43,647	----------	----------	1,731,347	1,705,719	300	6,445	18,883	3,207,006	1,475,659	42
73,933	9,918	10,617	48,109	5,289	----------	----------	290,859	279,070	1,126	4,250	6,413	462,455	171,596	43
206,755	39,335	16,549	138,877	11,994	----------	----------	216,197	196,212	15,753	2,869	1,363	565,299	349,102	44
198,772	29,375	27,416	114,768	26,929	284	----------	273,390	245,193	577	2,735	24,885	733,695	460,305	45
10,080,705	913,197	1,167,628	6,768,954	1,230,926	----------	----------	9,892,167	8,583,845	35,803	222,805	1,049,714	27,768,497	17,876,330	46
3,596,456	288,018	768,207	2,186,033	347,850	----------	6,348	5,673,870	5,558,066	11,636	58,368	45,800	12,821,019	7,147,149	47
3,264,866	49,041	608,452	2,473,257	122,384	----------	11,732	3,791,547	3,183,728	390,441	217,378	----------	13,036,840	9,245,293	48
338,164	11,232	49,824	224,259	26,866	25,983	----------	808,806	748,148	58,212	2,446	----------	1,467,361	658,555	49
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	50
3,970,106	187,921	355,651	3,218,719	196,485	11,330	----------	3,424,428	2,825,452	367,547	148,338	83,091	8,830,819	5,406,391	51
624,460	40,041	80,216	490,672	4,723	8,808	----------	2,031,620	1,914,205	64,012	41,973	11,430	3,514,067	1,482,447	52
330,248	60,663	43,814	137,879	87,892	----------	----------	223,904	134,422	394	2,674	86,414	679,901	455,997	53
749,338	23,280	115,058	598,029	3,546	9,425	----------	2,250,526	2,068,654	141,151	40,721	----------	4,566,531	2,316,005	54
62,378	----------	4,496	39,335	18,547	----------	----------	99,051	78,762	480	988	18,821	211,563	112,512	55
302,184	56,262	11,520	195,191	39,211	----------	----------	219,678	211,514	1,828	4,573	1,763	773,802	554,124	56
1,311,439	100,086	121,196	782,205	307,952	----------	----------	1,224,749	1,160,757	8,217	22,160	33,615	3,960,127	2,735,378	57
(5)	(5)	----------	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	58
134,568	5,990	15,155	96,921	16,502	----------	----------	258,617	228,500	913	2,776	26,428	535,352	276,735	59
1,012,161	68,982	40,960	749,858	140,668	11,693	----------	766,324	746,663	5,636	14,025	----------	1,930,229	1,163,905	60
12,155	----------	----------	12,155	----------	----------	----------	1,333	550	119	664	----------	27,365	26,032	61
1,174,196	96,915	72,848	898,205	106,228	----------	----------	2,187,525	2,148,623	2,739	10,535	25,628	4,354,572	2,167,047	62
514,284	52,828	40,248	315,326	100,094	----------	5,788	1,724,922	1,710,527	2,713	10,619	1,063	2,505,235	780,313	63
5,546,343	292,445	412,823	4,083,042	741,904	3,219	12,910	6,604,406	6,403,626	8,146	121.950	70,684	15,144,021	8,539,615	64
3,821,088	233,047	353,723	1,331,282	1,625,657	26,239	251,140	10,249,240	9,865,908	65,475	317,857	----------	20,507,584	10,258,344	65
4,088,286	221,863	376,536	1,806,896	1,614,763	31,170	37,058	1,849,911	388,750	130,195	1,330,966	----------	11,644,492	9,794,581	66
102,984	8,814	13,528	50,606	26,324	----------	3,712	179,163	175,804	1,118	2,241	----------	355,517	176,354	67
2,906,815	235,264	511,223	1,744,439	346,282	66,068	3,539	3,408,381	3,267,742	14,390	58,513	67,736	7,169,531	3,761,150	68
1,175,130	237,973	187,138	437,974	289,543	22,484	18	4,092,083	4,028,197	27,738	33,745	2,403	7,572,304	3,480,221	69
284,419	23,749	57,435	183,978	13,541	----------	5,716	758,744	743,648	6,498	8,078	520	1,652,155	893,411	70

TABLE 8.—GENERAL STATISTICS FOR THE

					PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS[1]					
						Manufacturing				
			*Number of establishments	*Proprietors firm members	Total[2]	Salaried officers of corporations[2]	Salaried employees[2]	Wage earners (average for year)[3]	Distribution	Construction	Other
1	17	Internal-combustion engines	9	3	544	12	107	381	25	19	.....
2	20	Jewelry cases and instrument cases	4	5	62	....	3	58	1	...	.....
3	15	Jewelry (precious metals)	66	80	513	14	76	394	22	....	7
4	3	Knitted outerwear (except knit gloves)—contract factories	9	10	87	5	2	80	....	....	....
5	3	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	40	43	1,568	23	89	1,257	193	3	3
6	6	Laboratory, hospital, and other professional furniture	10	13	114	1	11	89	3	....	....
7	20	Lamp shades	5	7	62	....	4	55	3		.....
8	15	Lapidary work	5	10	7	....	1	5	....	....	1
9	12	Leather gloves and mittens	15	15	246	9	13	204	18	1	1
10	12	Leather goods not elsewhere classified	5	4	80	1	6	70	3	.....	.....
11	12	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	12	11	759	16	33	686	11	13	...
12	15	Lighting fixtures	82	87	902	52	78	661	104	1	6
13	13	Lime	9	.....	303	8	26	250	18	1	.....
14	9	Linseed oil, cake, and meal	4	....	139	2	14	118	5	.....	.....
15	1	Liquors, distilled	37	3	233	3	38	163	1	23	5
16	1	Liquors, rectified or blended	15	5	144	8	26	104	4	.....	2
17	8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	50	41	2,300	50	313	1,665	258	13	1
18	5	Logging camps and logging contractors (not operating sawmills)	23	27	292		8	282	....	....	2
19	9	Lubricating oils and greases—not made in petroleum refineries	20	15	127	7	17	53	47	....	3
20	1	Macaroni, spaghetti, vermicelli, and noodles	48	68	619	32	48	418	114	5	2
21	8	Machine and hand typesetting (including advertisement typesetting)	61	87	376	13	49	288	26	.....	.....
22	17	Machine-shop products, not elsewhere classified	216	223	3,572	104	560	2,661	224	2	21
23	17	Machine-shop repairs	135	158	849	11	71	745	19	.....	3
24	17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	35	44	224	4	14	199	7	.....	.....
25	1	Malt	7	.....	85	4	11	56	11	....	3
26	1	Malt liquors	30	1	2,800	41	205	1,916	530	14	94
27	6	Matches	3	1	227	1	14	207	5	.....	.....
28	6	Mattresses and bedsprings	54	55	1,747	20	187	1,369	164	.....	7
29	17	Measuring and dispensing pumps	3	1	93	1	6	29	56	.....	1
30	17	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	10	2	533	10	45	435	42	.....	1
31	1	Meat packing, wholesale	129	143	7,501	2	651	4,690	1,888	84	116
32	17	Mechanical power-transmission equipment	14	11	276	9	47	194	22	.....	4
33	4	Men's and boys' hats and caps (except felt and straw)	15	15	161	1	12	132	15	.....	1
34	4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in contract factories	3	2	62	....	1	60	1	....	.....
35	4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	25	32	1,059	22	50	904	80	.....	3
36	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	52	70	463	3	12	441	5	...	2
37	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	50	52	2,191	36	145	1,835	173	.....	2
38	4	Men's neckwear—made in inside factories or by jobbers engaging contractors	16	14	741	9	36	606	89	....	1
39	17	Metalworking machinery and equipment, not elsewhere classified	4	3	456	.....	113	323	18	2	.....
40	4	Millinery	70	76	1,413	18	70	1,198	125	...	2
41	13	Minerals and earths, ground or otherwise treated	19	7	597	7	109	460	11	10	.....
42	17	Mining machinery and equipment	8	6	136	7	22	74	17	16	.....
43	6	Mirror frames and picture frames	16	15	133	2	9	103	19	.....	.....
44	13	Mirrors and other glass products made of purchased glass	44	36	418	21	31	302	64	.....	.....
45	20	Miscellaneous fabricated products not elsewhere classified	38	33	303	10	29	229	35	.....	...
46	4	Miscellaneous fabricated textile products not elsewhere classified	20	19	216	3	12	178	22	.....	1
47	20	Models and patterns (except paper patterns)	50	57	196	4	5	181	6	.....	.....
48	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	46	48	460	24	27	348	61	.....	.....
49	18	Motor vehicles, motor-vehicle bodies, parts and accessories	85	85	7,567	49	805	6,152	521	25	15
50	9	Mucilage, paste, and other adhesives, except glue and rubber cement	7	6	32	2	9	17	4	.....	.....
51	20	Musical instruments, parts, and materials not elsewhere classified	7	11	80	4	7	68	1	.....	...
52	20	Needles, pins, hooks and eyes, and slide and snap fasteners	3	...	40	2	3	30	5	.....	...
53	8	Newspapers: publishing and printing	447	437	15,573	192	5,342	6,497	3,527	15	...
54	8	Newspapers: publishing without printing	48	40	383	12	204	81	86	...	.....
55	1	Nonalcoholic beverages	166	151	2,422	74	197	879	1,250	2	20
56	15	Nonferrous-metal foundries (except aluminum)	64	68	802	27	59	682	33	...	1
57	15	Nonferrous-metal products, not elsewhere classified	35	33	407	12	27	337	26	3	2
58	17	Office and store machines not elsewhere classified	8	.....	861	9	131	637	65	4	15
59	6	Office furniture	16	21	158	3	15	126	13	...	1
60	14	Oil burners, domestic and industrial	7	6	226	5	30	140	51	...	.....
61	17	Oil-field machinery and tools	56	33	3,369	63	515	2,162	605	11	13
62	1	Oleomargarine—not made in meat-packing establishments	3	.....	194	.....	38	152	4	...	.....
63	20	Ophthalmic goods: lenses and fittings	6	4	24	.....	3	20	1	...	...
64	20	Optical instruments and lenses	4	5	29	.....	3	21	5	.....	.....
65	9	Paints, varnishes, and lacquers	128	84	2,584	80	415	1,451	581	37	20
66	7	Paper and paperboard mills	12	.....	2,493	7	271	2,171	30	14	.....
67	7	Paper bags, except those made in paper mills	9	...	352	6	46	282	15	3	.....
68	7	Paperboard containers and boxes not elsewhere classified	54	24	2,357	57	184	1,907	205	2	2
69	6	Partitions, shelving, cabinet work, and office and store fixtures	95	94	1,951	44	154	1,502	229	4	18
70	10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	13	8	243	10	24	142	67	..	.....

See footnotes at end of table.

STATE, BY INDUSTRIES: 1939—Continued

Salaries and wages: Total [2]	Salaries of officers of corporations [2]	Manufacturing: Salaries [2]	Manufacturing: Wages	Distribution	Construction	Other	Cost of materials, supplies, fuel, purchased electric energy, and contract work: Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
1,058,696	71,216	217,814	696,294	52,804	20,568	----------	1,807,929	1,737,911	3,837	24,998	41,183	3,858,511	2,050,582	1
44,737	----------	3,068	37,669	4,000	----------	----------	47,288	45,123	1,052	1,113	----------	124,331	77,043	2
858,730	48,669	92,295	681,459	31,203	----------	5,104	914,603	858,606	2,133	5,181	48,683	2,249,617	1,335,014	3
68,315	6,145	509	61,661	----------	----------	----------	16,799	13,899	901	1,999	----------	127,653	110,854	4
1,585,173	87,025	145,508	1,086,478	258,687	4,124	3,351	2,780,514	2,598,703	8,339	21,163	152,309	6,112,587	3,332,073	5
140,550	5,400	20,108	96,763	18,279	----------	----------	320,391	287,482	546	3,483	28,880	555,547	235,156	6
51,023	----------	6,330	39,439	5,254	----------	----------	49,348	48,687	----------	511	150	127,296	77,948	7
11,941	----------	936	10,183	----------	----------	822	37,582	36,796	----------	25	761	78,677	41,095	8
209,027	18,803	18,105	154,336	15,999	1,420	364	339,222	335,930	475	2,277	540	647,960	308,738	9
78,731	3,640	8,697	60,897	5,497	----------	----------	80,007	78,453	10	1,044	500	191,080	111,073	10
1,079,833	79,081	80,446	885,560	20,659	14,087	----------	3,324,469	3,231,907	44,653	47,909	----------	5,315,185	1,990,716	11
1,224,777	166,053	147,358	726,554	178,136	1,398	5,278	2,061,093	1,998,881	6,226	22,361	33,625	4,269,935	2,208,842	12
430,746	15,154	58,087	327,643	28,024	1,838	----------	419,468	265,392	124,794	29,282	----------	1,047,068	627,600	13
221,625	7,415	23,903	176,727	13,580	----------	----------	3,109,290	3,049,439	12,713	47,138	----------	3,920,533	811,243	14
314,070	19,229	64,802	207,346	983	12,820	8,890	2,122,471	2,038,182	54,467	20,247	9,575	3,306,883	1,184,412	15
180,963	14,061	51,069	105,302	5,971	----------	4,560	461,718	445,449	4,032	12,237	----------	1,177,527	715,809	16
4,891,059	365,328	605,268	2,971,173	912,014	36,221	1,055	4,820,494	4,368,031	9,411	73,781	369,271	12,095,886	7,275,392	17
340,820	----------	10,935	327,220	----------	----------	2,665	284,030	234,522	7,278	----------	42,230	840,581	556,551	18
202,065	19,995	30,715	70,369	78,927	----------	2,059	766,978	753,023	8,270	5,685	----------	1,356,555	589,577	19
778,875	108,730	63,062	412,583	188,006	3,494	3,000	1,874,770	1,798,284	15,022	60,632	832	3,272,061	1,397,291	20
633,661	51,146	75,626	468,951	37,938	----------	----------	142,701	100,144	2,833	16,591	23,133	1,335,598	1,192,897	21
6,019,830	519,779	966,016	4,017,331	489,307	3,885	23,512	7,361,771	6,976,592	81,269	152,550	151,360	18,156,342	10,794,571	22
1,343,550	33,781	102,705	1,177,558	27,638	----------	1,868	1,010,914	932,384	19,620	45,701	13,209	3,865,615	2,854,701	23
327,864	8,350	21,459	290,742	7,313	----------	----------	196,965	182,930	1,000	9,392	3,643	817,951	620,986	24
257,460	50,767	38,591	134,289	22,333	----------	11,480	1,492,324	1,420,200	33,629	38,495	----------	2,115,668	623,344	25
5,882,330	276,276	535,577	3,797,010	1,112,045	59,120	102,302	8,560,985	8,200,446	166,291	194,248	----------	26,732,421	18,171,436	26
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	27
2,528,421	93,353	352,206	1,742,136	333,359	----------	7,367	4,669,762	4,618,950	7,992	41,544	1,276	8,994,059	4,324,297	28
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	29
930,587	53,821	108,302	626,876	140,601	----------	987	748,407	702,979	14,479	11,610	19,339	2,401,025	1,652,618	30
13,317,668	575,633	1,397,223	7,174,857	3,549,230	150,098	470,627	136,189,040	135,322,677	245,222	409,104	212,037	156,948,364	20,759,324	31
492,939	61,544	80,127	307,968	38,951	----------	4,349	453,490	437,711	3,148	12,624	7	1,190,066	736,576	32
139,879	2,600	16,099	112,678	7,839	----------	663	182,823	180,409	340	1,570	504	391,804	208,981	33
46,840	----------	2,051	43,928	861	----------	----------	24,889	24,086	226	577	----------	92,874	67,985	34
957,014	81,500	70,152	633,121	169,035	----------	3,206	1,581,372	1,523,072	1,798	12,263	44,239	2,994,968	1,413,596	35
486,641	7,157	25,642	449,193	4,040	----------	609	85,613	43,112	864	6,919	34,718	797,721	712,108	36
2,802,951	139,999	292,790	2,046,822	321,790	----------	1,550	3,455,925	3,266,399	7,413	24,532	157,581	7,084,954	3,629,029	37
610,164	56,798	60,822	399,627	92,293	----------	624	1,144,625	1,127,178	608	6,066	10,773	2,112,006	967,381	38
901,888	----------	189,837	681,992	28,655	1,404	----------	624,959	590,819	2,943	12,496	18,701	2,112,504	1,487,545	39
1,641,754	85,741	104,859	1,223,729	220,343	----------	7,082	1,849,490	1,825,253	8,117	14,080	2,040	4,604,944	2,755,454	40
831,884	28,546	215,418	555,017	17,131	15,772	----------	1,834,312	1,607,672	101,709	116,772	8,159	5,131,771	3,297,459	41
254,987	26,900	55,076	130,805	39,033	3,173	----------	440,425	429,473	968	5,430	4,554	907,818	467,393	42
168,116	3,708	11,459	122,388	30,561	----------	----------	162,299	159,121	312	2,311	555	471,871	309,572	43
721,470	67,303	45,714	508,923	99,530	----------	----------	905,228	876,817	8,438	14,564	5,409	2,056,118	1,150,890	44
356,944	33,418	42,916	231,156	49,454	----------	----------	533,699	522,161	978	7,370	3,190	1,245,471	711,772	45
241,234	11,600	15,430	186,532	27,320	----------	352	330,825	325,243	1,400	3,800	382	744,212	413,387	46
299,633	11,900	6,311	272,856	8,566	----------	----------	128,313	119,780	1,159	6,774	600	718,182	589,869	47
703,436	68,751	45,348	489,643	99,694	----------	----------	540,964	490,099	2,942	36,738	11,185	1,778,924	1,237,960	48
12,629,188	315,722	1,716,499	9,440,307	1,065,820	65,522	25,318	90,660,109	90,263,828	122,720	252,071	21,490	118,691,342	28,031,233	49
50,077	5,968	20,096	13,823	10,190	----------	----------	80,904	79,501	480	923	----------	139,062	58,158	50
102,407	16,300	9,229	76,477	401	----------	----------	91,982	88,183	421	1,395	1,983	261,305	169,323	51
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	52
29,422,702	1,342,453	11,018,207	11,377,443	5,656,008	28,591	----------	15,415,827	14,174,132	118,739	402,615	720,341	67,952,464	52,536,637	53
484,116	34,491	203,739	124,154	121,732	----------	----------	793,494	35,036	1,411	4,756	752,291	1,652,199	858,705	54
4,453,525	431,309	349,767	1,116,271	2,503,373	3,480	49,325	7,649,640	7,490,353	46,231	106,178	6,878	19,185,311	11,535,671	55
1,148,936	87,842	111,612	889,680	59,242	----------	560	2,439,816	2,337,937	45,444	27,297	29,138	4,216,666	1,776,850	56
598,998	54,691	48,301	453,444	34,044	4,878	3,640	612,345	580,289	10,269	11,380	10,407	1,658,093	1,045,748	57
1,421,354	63,818	242,221	991,547	98,726	6,942	18,100	728,699	701,454	4,009	16,010	7,226	5,912,868	5,184,169	58
201,638	11,260	25,828	136,509	27,041	----------	1,000	344,756	333,497	482	6,182	4,595	733,065	388,309	59
353,775	57,265	53,742	184,867	57,901	----------	----------	776,560	766,404	1,593	6,140	2,423	1,467,397	690,837	60
6,550,543	490,458	1,069,900	3,703,713	1,243,172	23,427	19,873	5,898,181	5,537,255	73,816	226,058	61,052	19,525,054	13,626,873	61
(5)	----------	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	62
16,566	----------	3,532	12,869	165	----------	----------	22,144	21,394	175	575	----------	64,326	42,182	63
40,924	----------	5,716	29,295	5,913	----------	----------	33,397	31,126	79	634	1,558	92,770	59,373	64
4,664,063	372,310	845,311	2,267,812	1,076,950	79,689	21,991	20,590,076	20,360,736	60,204	136,255	32,881	33,202,680	12,612,604	65
4,032,441	24,647	647,297	3,261,801	60,178	38,518	----------	8,524,084	7,776,049	457,864	279,999	10,172	17,501,256	8,977,172	66
400,954	26,009	65,737	280,440	25,019	3,749	----------	1,784,180	1,772,511	1,179	10,490	----------	2,829,174	1,044,994	67
3,566,996	334,319	381,950	2,387,372	459,708	3,321	326	8,185,711	8,074,274	24,890	57,234	29,313	14,989,127	6,803,416	68
2,957,526	205,867	284,755	2,097,078	357,942	4,901	6,983	3,264,511	3,144,196	3,179	44,291	72,845	7,422,053	4,157,542	69
406,234	52,900	45,263	178,826	129,245	----------	----------	806,593	739,734	31,802	25,434	9,623	1,876,821	1,070,228	70

TABLE 8.—GENERAL STATISTICS FOR THE

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS[1] Total[1]	Salaried officers of corporations[2]	Manufacturing: Salaried employees[2]	Manufacturing: Wage earners (average for year)[2]	Distribution	Construction	Other
1	9	Perfumes, cosmetics, and other toilet preparations	50	34	595	28	89	352	121	5	
2	8	Periodicals—publishing and printing	47	31	1,243	36	288	687	232		
3	8	Periodicals—publishing without printing	180	101	995	84	587	35	289		
4	10	Petroleum refining	76	18	12,026	54	1,683	8,613	432	1,238	6
5	8	Photoengraving, not done in printing establishments (including preparation of plates)	59	66	709	37	97	458	117		
6	20	Photographic apparatus and materials and projection equipment (except lenses)	24	23	263	8	37	194	24		
7	1	Pickled fruits and vegetables and vegetable sauces and seasonings	41	44	1,016	11	70	828	103		4
8	5	Planing mills not operated in conjunction with sawmills	269	234	5,857	117	360	4,841	496	23	20
9	14	Pottery products not elsewhere classified	22	19	736	5	43	643	40	4	1
10	1	Poultry dressing and packing, wholesale	78	112	960	15	72	754	117	1	1
11	14	Power boilers and associated products	39	30	1,513	39	130	1,227	114	2	1
12	1	Prepared feeds (including mineral) for animals and fowls	130	76	2,232	67	230	1,547	329	32	27
13	1	Preserves, jams, jellies, and fruit butters	31	19	653	16	59	505	71		2
14	9	Printing ink	11	2	244	8	50	165	21		
15	17	Printing-trades machinery and equipment	18	16	123	10	18	65	30		
16	20	Professional and scientific instruments (except surgical and dental)	21	14	253	10	39	175	27	2	
17	6	Public-building furniture	8	6	67	2	6	53	6		
18	17	Pumping equipment and air compressors	61	35	2,194	60	308	1,378	426		22
19	1	Quick-frozen foods	6		200	5	5	164	23	3	
20	16	Radios, radio tubes, and phonographs	32	14	827	28	101	620	76	2	
21	17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	35	30	970	25	107	698	131		9
22	1	Rice cleaning and polishing	6	3	251	7	49	179	9	2	5
23	4	Robes, lounging garments, and dressing gowns	16	20	429	5	31	353	36	2	2
24	10	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	16	9	930	5	108	688	111	16	2
25	13	Roofing tile	8	9	124	1	10	108	5		
26	11	Rubber products not elsewhere classified	54	43	1,715	43	170	1,262	203	34	3
27	12	Saddlery, harness, and whips	10	9	140	3	4	127	6		
28	1	Salad dressings	18	13	184	7	22	139	16		
29	9	Salt	12	4	393	3	34	321	11	24	
30	1	Sausage casings—not made in meat-packing establishments	5	6	96	3	10	78	5		
31	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	87	109	1,062	28	67	619	332	1	15
32	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	142	153	18,046	66	1,031	16,355	186	324	84
33	14	Saws	4	4	39	2	2	27	8		
34	14	Screw-machine products and wood screws	20	20	398	11	25	350	12		
35	15	Secondary smelting and refining, gold, silver, and platinum	3	3	33	3	3	24	3		
36	15	Secondary smelting and refining of nonferrous metals, not elsewhere classified	3		144	7	13	106	10	8	
37	13	Sewer pipe and kindred products	5		545	3	23	502	15	2	
38	15	Sheet-metal work not specifically classified	170	188	2,076	62	201	1,591	217	3	2
39	19	Shipbuilding and ship repairing	46	30	4,458	38	342	3,962	107	2	7
40	20	Signs, advertising displays, and advertising novelties	110	117	1,494	33	115	1,038	305	3	
41	15	Silverware and plated ware	5	1	192	5	9	152	25		1
42	12	Small leather goods	5	13	57	2	3	45	7		
43	9	Soap and glycerin	30	15	1,307	30	199	850	220		8
44	20	Soda fountains, beer dispensing equipment, and related products	8	8	67	3	11	51	2		
45	1	Special dairy products	3		51		5	46			
46	17	Special-industry machinery, not elsewhere classified	8	6	480	11	61	291	117		
47	20	Sporting and athletic goods not elsewhere classified	27	32	156	8	17	120	11		
48	14	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	8	2	211	9	17	147	38		
49	14	Stamped and pressed metal products (except automobile stampings)	36	31	1,189	27	136	970	53	1	2
50	13	Statuary and art goods (except stone and concrete)—factory production	14	21	59	5	1	49	4		
51	14	Steam and hot-water heating apparatus (including hot-water furnaces)	3	1	44	4	5	33	2		
52	13	Steam and other packing; pipe and boiler covering	11	7	334	2	44	277	7	4	
53	14	Steam fittings, regardless of material	13	3	442	22	43	364	13		
54	14	Steel barrels, kegs, and drums	4	1	425		45	368	12		
55	14	Steel castings	17	4	1,391	20	133	1,193	38	7	
56	14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	65	50	3,613	70	266	2,910	323	8	36
57	12	Suitcases, brief cases, bags, trunks, and other luggage	23	25	291	9	27	241	14		
58	20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	25	20	167	11	20	110	26		
59	13	Tableware, pressed or blown glass, and glassware not elsewhere classified	7	6	234	8	20	193	13		
60	4	Textile bags—not made in textile mills	14	12	913	12	58	778	59	5	1
61	14	Tin cans and other tinware not elsewhere classified	22	5	3,493		544	2,714	96	138	1
62	11	Tires and inner tubes	6		4,592	3	663	3,603	200	108	15
63	14	Tools (except edge tools, machine tools, files, and saws)	22	19	326	14	32	215	65		
64	4	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories	8	9	119	1	2	116			
65	4	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	5	7	47		5	34	8		
66	4	Trousers (semidress), wash suits, and washable service apparel	18	20	671	2	39	595	35		
67	6	Upholstered household furniture	82	95	2,653	28	201	2,193	216		15
68	9	Vegetable and animal oils, not elsewhere classified	12	6	218	6	21	174	12	5	
69	17	Vending, amusement, and other coin-operated machines	5	5	26		2	24			
70	6	Venetian blinds	68	77	1,035	24	84	776	147	2	2

See footnotes at end of table.

STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
1,018,296	247,655	156,225	350,945	255,656	7,815	----------	2,319,355	2,297,347	6,727	11,106	4,175	5,225,453	2,906,098	1
2,274,564	199 494	597,125	1,117,733	360,212	----------	----------	1,359,829	1,226,082	6,276	39,257	88,214	5,919,496	4,559,667	2
1,706,452	371,738	941,100	40,638	352,976	----------	----------	2,231,060	374,776	1,502	1,105	1,853,677	6,443,884	4,212,824	3
23,560,597	481,895	4,397,277	15,688,736	823,221	2,164,422	5,046	284,780,723	276,105,413	6,665,418	1,755,296	254,596	367,667,475	82,886,752	4
1,662,472	197,933	171,541	998,244	294,754	----------	----------	451,916	322,558	3,986	26,303	99,069	3,084,980	2,633,064	5
408,897	39,556	75,531	259,836	33,974	----------	----------	478,612	462,566	860	10,288	4,898	1,282,973	804,361	6
1,006,391	45,633	127,288	708,855	113,352	----------	11,263	3,217,513	3,168,841	26,666	21,479	527	5,165,797	1,948,284	7
9,243,031	585,654	721,318	6,993,188	895,570	19,848	27,453	18,764,169	18,308,013	35,896	383,335	36,925	33,880,653	15,116,484	8
932,390	19,720	76,628	748,917	77,098	9,106	921	477,640	381,999	66,606	21,731	7,304	1,782,651	1,305,011	9
1,023,714	84,953	115,522	643,538	175,812	2,314	1,575	8,576,056	8,537,387	11,216	27,453	----------	10,690,432	2,114,376	10
2,226,478	172,958	259,164	1,581,161	206,733	6,462	----------	4,265,261	3,878,610	12,576	79,696	294,379	7,994,144	3,728,883	11
3,405,382	286,533	399,061	2,086,671	559,347	44,871	28,899	30,300,577	29,904,039	85,901	310,637	----------	42,188,409	11,887,832	12
706,165	49,546	83,715	450,353	121,502	----------	1,049	2,671,058	2,638,151	20,393	12,514	----------	4,035,172	1,364,114	13
487,042	40,424	145,970	263,493	37,155	----------	----------	1,833,527	1,797,380	16,934	19,213	----------	2,821,096	987,569	14
213,454	30,402	39,932	98,931	44,189	----------	----------	284,066	274,472	1,093	2,996	5,505	606,364	322,298	15
452,351	75,688	75,914	244,125	51,994	4,630	----------	388,232	376,692	1,373	5,502	4,665	1,040,689	652,457	16
74,313	5,000	9,261	52,088	7,964	----------	----------	77,571	74,749	100	2,662	60	250,159	172,588	17
3,807,309	300,464	579,907	2,131,981	749,912	----------	45,045	4,480,938	4,251,871	26,767	72,965	129,335	11,896,748	7,415,810	18
158,855	16,230	5,955	108,844	23,328	4,498	----------	440,895	429,170	566	11,159	----------	773,998	333,103	19
1,171,080	123,095	170,042	744,433	130,058	3,452	----------	3,135,425	2,920,181	8,916	19,433	186,895	5,534,773	2,399,348	20
1,479,015	193,479	180,173	869,267	226,757	----------	9,339	2,424,492	2,335,683	5,862	25,354	57,593	4,954,314	2,529,822	21
432,098	49,636	113,900	222,231	32,874	3,300	10,157	4,911,245	4,849,715	140	61,390	----------	6,366,224	1,454,979	22
395,362	18,462	41,560	278,577	53,822	1,447	1,494	677,146	660,932	557	3,545	12,112	1,346,826	669,680	23
1,460,947	71,193	209,144	950,280	199,763	28,547	2,020	5,235,503	5,117,892	82,732	34,879	----------	9,662,786	4,427,283	24
133,352	2,760	15,836	106,393	8,363	----------	----------	89,014	42,911	32,784	13,319	----------	329,959	240,945	25
2,548,653	257,110	323,662	1,442,036	467,559	54,442	3,844	4,214,762	3,965,876	65,769	166,914	16,203	9,802,283	5,587,521	26
197,240	6,200	8,225	176,350	6,465	----------	----------	248,220	238,835	246	3,681	5,458	488,723	240,503	27
235,703	14,820	49,495	151,391	19,997	----------	----------	3,156,964	3,144,620	4,083	8,261	----------	3,820,132	663,168	28
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	29
131,113	21,056	18,394	74,895	16,768	----------	----------	214,214	210,165	2,078	1,971	----------	592,320	378,106	30
1,758,537	124,734	123,875	928,319	561,201	2,419	17,989	9,710,426	9,600,349	43,216	66,480	381	12,588,915	2,878,489	31
25,666,116	463,953	2,143,281	22,050,915	414,796	411,032	182,139	15,185,313	13,599,138	227,974	213,184	1,145,017	52,471,914	37,286,601	32
61,517	5,100	3,800	41,287	11,330	----------	----------	22,617	16,817	761	1,823	3,216	104,379	81,762	33
591,724	62,295	34,822	473,276	21,331	----------	----------	657,828	632,355	356	17,572	7,545	1,624,975	967,147	34
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	35
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	36
688,110	19,376	48,058	594,153	22,321	4,202	----------	318,534	145,637	140,777	32,120	----------	1,665,234	1,346,700	37
3,184,450	248,456	365,704	2,216,168	348,652	3,901	1,569	4,876,467	4,763,841	15,205	48,332	49,089	10,067,199	5,190,732	38
7,473,659	294,649	805,221	6,112,221	254,179	1,821	5,568	4,604,271	4,280,226	41,403	206,517	76,125	16,605,396	12,001,125	39
2,610,322	142,743	208,671	1,608,374	646,752	3,782	----------	1,685,785	1,592,601	15,159	44,102	33,923	5,850,510	4,164,725	40
300,158	27,300	14,784	226,266	30,808	----------	1,000	248,172	233,284	2,641	6,647	5,600	746,329	498,157	41
54,342	4,200	2,949	42,477	4,716	----------	----------	113,040	112,501	125	414	----------	208,965	95,925	42
2,517,836	124,007	409,788	1,298,335	682,300	----------	3,406	11,292,258	11,063,387	109,528	59,243	60,100	20,364,665	9,072,407	43
111,936	9,805	24,543	76,348	1,240	----------	----------	214,003	206,054	396	1,120	6,433	416,492	202,489	44
(5)	----------	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	45
964,803	106,702	124,856	432,291	300,954	----------	----------	996,906	950,365	5,549	15,254	25,738	2,683,962	1,687,056	46
160,391	16,723	20,178	102,529	20,961	----------	----------	223,994	215,868	862	2,959	4,305	549,315	325,321	47
308,433	37,684	29,958	213,711	27,080	----------	----------	368,942	350,867	11,182	6,893	----------	817,198	448,256	48
1,730,065	136,051	258,635	1,206,412	121,861	2,000	5,106	3,752,056	3,677,226	12,923	35,928	25,979	7,013,073	3,261,017	49
61,004	6,600	1,059	49,288	4,057	----------	----------	35,315	33,572	415	1,028	300	161,414	126,099	50
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	51
484,606	4,800	85,589	373,694	13,356	7,167	----------	916,435	853,910	27,953	31,422	3,150	2,191,568	1,275,133	52
743,220	78,762	87,950	550,079	26,429	----------	----------	721,259	706,146	4,730	7,482	2,901	2,301,941	1,580,682	53
(5)	----------	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	54
2,248,518	155,458	305,931	1,643,143	129,646	14,340	----------	1,699,550	1,387,931	37,097	272,074	2,448	5,205,804	3,506,254	55
5,225,464	404,179	427,692	3,662,128	681,775	10,073	39,617	9,435,657	9,123,322	71,582	97,458	143,295	20,379,388	10,943,731	56
322 864	23,482	47,165	235,674	16,543	----------	----------	580,426	575,260	399	4,749	18	1,128,240	547,814	57
246,447	33,899	30,725	142,956	38,867	----------	----------	181,797	176,083	430	4,013	1,271	572,667	390,870	58
334,019	40,580	35,301	242,180	15,958	----------	----------	201,796	160,171	31,497	10,128	----------	642,579	440,783	59
1,214,582	129,425	121,127	809,103	146,893	7,334	700	7,999,482	7,977,614	3,565	18,303	----------	10,448,119	2,448,637	60
5,405,527	----------	1,117,531	3,844,906	205,277	222,020	15,793	36,295,378	36,091,277	48,383	155,718	----------	52,444,880	16,149,502	61
8,605,679	32,059	1,519,781	6,288,853	475,400	257,268	32,318	32,957,289	32,221,809	210,373	513,932	11,175	51,358,743	18,401,454	62
506,713	39,290	66,296	298,080	103,047	----------	----------	389,486	372,356	6,606	9,700	824	1,396,352	1,006,866	63
131,849	3,600	3,415	124,834	----------	----------	----------	33,508	30,257	808	2,443	----------	252,340	218,832	64
42,803	----------	5,402	27,302	10,099	----------	----------	140,390	139,959	36	340	55	196,078	55,688	65
586,665	1,534	68,455	415,411	101,265	----------	----------	1,462,749	1,335,326	1,628	5,260	120,535	2,422,396	959,647	66
3,546,253	164,539	326,194	2,591,780	442,762	----------	20,978	5,079,960	5,023,141	4,870	47,959	3,990	10,292,115	5,212,155	67
365,519	13,850	55,122	265,951	19,910	10,686	----------	6,159,359	6,059,354	19,774	80,231	----------	6,600,655	441,296	68
26,905	----------	2,027	24,878	----------	----------	----------	49,194	47,824	354	621	395	162,976	113,782	69
1,295,911	74,844	116,714	880,911	218,751	2,800	1,891	2,387,704	2,346,785	2,773	20,586	17,560	4,557,387	2,169,683	70

TABLE 8.—GENERAL STATISTICS FOR THE

	Code	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS[1] Total[2]	Salaried officers of corporations[2]	Manufacturing: Salaried employees[2]	Manufacturing: Wage earners (average for year)[3]	Distribution	Construction	Other
1	1	Vinegar and cider	13	11	89	3	10	67	9		
2	13	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	25	17	187	11	25	122	29		
3	13	Whiteware	3	1	457	6	35	401	15		
4	6	Window and door screens and weather strip	15	19	197	10	21	108	58		
5	6	Window shades	21	15	134	3	21	97	10		3
6	1	Wines	165	138	1,848	73	314	1,112	191	97	61
7	14	Wire drawn from purchased rods	4		349	7	61	277	4		
8	14	Wirework not elsewhere classified	57	59	1,857	20	162	1,565	110		
9	16	Wiring devices and supplies	6	4	181	6	24	122	29		
10	4	Women's and misses' blouses and waists—made in contract factories	5	13	156	4	2	148	2		
11	4	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors	19	21	650	4	31	575	40		
12	4	Women's and misses' clothing, not elsewhere classified—made in contract factories	11	13	171		1	169		1	
13	4	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	66	71	2,022	20	98	1,766	127		11
14	4	Women's and misses' dresses (except house dresses)—made in contract factories	27	33	357	1		354	2		
15	4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	81	93	2,781	25	157	2,374	216		9
16	4	Women's, children's, and infants' underwear and nightwear of cotton and flannette woven fabrics	6	10	116		2	106	8		
17	4	Women's, children's, and infants' underwear and nightwear of knitted fabrics	3	4	89	2	9	73	3	1	1
18	4	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	19	17	658	6	40	586	22		4
19	4	Women's neckwear, scarfs, etc	5	6	25		4	16	5		
20	12	Women's pocketbooks, handbags, and purses	5	5	34		1	28	5		
21	6	Wooden boxes except cigar boxes	76	41	2,011	29	122	1,722	104	1	33
22	6	Wood preserving	11	1	276	1	27	245	3		
23	6	Wood products not elsewhere classified	51	56	567	22	43	450	43		9
24	17	Woodworking machinery	7	4	109	6	9	45	49		
25	3	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	9	4	455	11	28	407	9		
26	20	Wool pulling	3	2	155	5	8	142			
27	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	42	48	2,464	15	80	2,172	187	2	8
28	14	Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills	14	6	531	9	16	488	18		
29	16	X-ray and therapeutic apparatus and electronic tubes	15	14	120	13	23	64	19		1
30		Other industries[6]	208	106	17,692	143	1,759	15,046	445	231	68
		OTHER INDUSTRIES, BY INDUSTRY GROUPS[6]									
31	1	Food and kindred products	23	14	2,797	6	313	2,336	37	78	27
32	3	Textile-mill products and other fiber manufactures	27	6	1,489	29	83	1,335	42		
33	4	Apparel and other finished products made from fabrics and similar materials	12	14	186	2	15	152	14	1	2
34	6	Furniture and finished lumber products	6	10	273	1	18	249	5		
35	9	Chemicals and allied products	28	11	613	11	68	482	24	27	1
36	13	Stone, clay, and glass products	17	7	1,583	22	148	1,377	35	1	
37	14	Iron and steel and their products, except machinery	23	8	6,522	22	685	5,625	88	74	28
38	17	Machinery (except electrical)	14	10	251	11	54	112	73		1
39	20	Miscellaneous industries	16	9	159	8	21	110	20		
40	2	Tobacco manufactures	5	2	325	3	47	254	21		
	7	Paper and allied products	6		357	8	44	260	45		
	8	Printing, publishing, and allied industries	3	1	107	3	12	80	12		
	15	Nonferrous metals and their products	14	7	989	13	151	752	14	50	9
	16	Electrical machinery	4	2	98		11	86	1		
	19	Transportation equipment except automobiles	7	3	1,878	3	85	1,780	10		
	5	Lumber and timber basic products	1								
	10	Products of petroleum and coal	1	2	65	1	4	56	4		
	12	Leather and leather products	1								

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.

[2] Figures do not include data for personnel of central-administrative offices.

[3] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages

STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
102,071	4,650	13,595	69,025	14,801	----------	----------	313,287	300,843	4,902	7,039	503	545,004	231,717	1
291,502	29,739	44,615	161,979	55,169	----------	----------	746,766	725,066	3,963	17,737	----------	1,241,230	494,464	2
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	3
288,791	52,240	28,311	137,986	70,254	----------	----------	364,781	359,561	224	4,996	----------	821,170	456,389	4
177,657	20,600	23,495	113,835	17,257	----------	2,470	589,341	583,950	861	3,546	984	936,796	347,455	5
2,245,617	280,248	443,131	1,138,034	292,672	63,148	28,384	13,542,794	13,143,186	171,636	215,122	12,850	21,309,877	7,767,083	6
592,384	35,750	106,366	430,907	19,361	----------	----------	1,953,913	1,898,687	15,497	39,729	----------	3,153,178	1,199,265	7
2,543,102	83,805	327,300	1,930,567	201,430	----------	----------	4,313,129	4,232,041	15,003	58,385	7,700	9,191,749	4,878,620	8
316,448	35,700	51,434	169,057	60,257	----------	----------	626,650	610,031	8,608	8,011	----------	1,529,967	903,317	9
130,067	20,160	4,271	103,719	1,917	----------	----------	21,717	17,407	74	4,236	----------	192,747	171,030	10
579,841	19,600	49,771	446,870	63,600	----------	----------	1,109,780	980,316	475	4,366	124,623	2,179,773	1,069,993	11
99,813	----------	1,599	97,422	----------	792	----------	10,066	7,163	618	2,285	----------	197,088	187,022	12
1,984,973	73,504	155,960	1,555,731	178,241	----------	21,537	3,661,661	3,427,154	3,089	21,147	210,271	7,202,928	3,541,267	13
211,314	1,843	----------	208,023	1,448	----------	----------	250,766	244,255	800	5,711	----------	603,332	352,566	14
2,937,207	134,277	271,423	2,164,361	358,453	----------	8,693	4,729,412	4,276,888	2,316	24,549	425,659	9,589,320	4,859,908	15
86,382	----------	1,980	73,647	10,755	----------	----------	99,687	97,385	----------	1,069	1,233	238,544	138,857	16
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	17
569,497	36,200	56,441	438,698	34,868	----------	3,290	1,195,648	1,185,704	288	6,403	3,253	2,091,965	896,317	18
16,896	----------	2,657	11,805	2,434	----------	----------	57,265	55,033	55	384	1,793	108,967	51,702	19
27,110	----------	333	22,995	3,782	----------	----------	45,251	44,850	83	318	----------	95,181	49,930	20
2,391,728	142,742	219,252	1,821,020	180,224	1,824	26,666	7,666,624	7,522,595	541	121,987	21,501	11,326,448	3,659,824	21
407,515	4,200	55,210	344,022	4,083	----------	----------	3,944,662	3,882,248	54,001	8,413	----------	5,269,015	1,324,353	22
608,427	44,710	55,098	445,172	50,972	100	12,375	841,540	810,404	1,096	23,289	6,751	2,000,194	1,158,654	23
142,921	17,210	14,530	64,339	46,842	----------	----------	133,098	129,944	95	2,014	1,045	441,220	308,122	24
482,196	62,540	48,507	352,911	15,617	2,621	----------	1,137,162	1,102,883	18,999	15,106	174	1,825,586	688,424	25
262,273	35,929	22,624	203,720	----------	----------	----------	1,675,131	1,661,145	2,137	11,849	----------	2,439,369	764,238	26
2,427,450	85,416	166,423	1,845,209	317,959	2,463	9 980	4,024,170	3,945,418	5,103	27,151	46,498	8,152,004	4,127,834	27
831,616	43,494	25,792	717,312	45,018	----------	----------	2,235,105	2,153,837	6,733	34,535	40,000	4,114,175	1,879,070	28
193,111	50,278	39,334	81,015	18,284	----------	4,200	374,612	362,856	410	1,681	9,665	939,233	564,621	29
28,933,992	699,020	4,057,484	22,728,226	912,659	425,599	111,004	185,707,546	180,239,917	2,224,390	1,412,556	1,830,683	253,985,539	68,277,993	30
4,385,243	19,335	745,929	3,411,621	69,562	98,381	40,415	61,952,006	59,818,993	495,082	58,817	1,579,114	78,044,011	16,092,005	31
1,981,524	159,594	173,285	1,537,200	111,445	----------	----------	4,239,908	4,080,445	64,058	95,405	----------	12,172,204	7,932,296	32
194,764	36,000	21,206	115,780	18,589	1,765	1,424	323,122	316,993	185	2,097	3,847	670,090	346,968	33
309,061	2,333	34,602	265,838	6,288	----------	----------	672,385	658,185	1,610	12,590	----------	1,024,924	352,539	34
1,008,431	53,792	149,963	694,021	44,057	61,794	4,804	1,747,537	1,566,961	88,419	91,687	470	4,958,243	3,210,706	35
2,200,163	117,820	302,530	1,699,068	78,620	2,125	----------	1,465,254	1,212,792	179,159	73,303	----------	5,650,740	4,185,486	36
11,787,667	138,952	1,655,790	9,632,589	142,311	171,429	46,596	17,980,297	15,939,121	1,067,606	897,244	76,326	39,970,839	21,990,542	37
485,846	51,094	102,471	164,037	166,744	----------	1,500	565,409	388,565	504	7,313	169,027	1,325,980	760,571	38
177,621	14,445	30,542	107,747	24,887	----------	----------	382,397	378,186	1,133	3,040	38	881,393	498,996	39
6,403,672	105,655	841,166	5,100,325	250,156	90,105	16,265	96,379,231	95,879,676	326,634	171,060	1,861	109,287,115	12,907,884	40

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[6] For numbers of establishments and of wage earners in individual industries, see table 12.

TABLE 9.—GENERAL STATISTICS FOR

[This table presents, for each industrial area, separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data
dustries for which combined figures are given, however, reported larger numbers

	Group No.	INDUSTRY	* Number of establishments	* Proprietors and firm members	* PERSONS EMPLOYED BY MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
			LOS ANGELES INDUSTRIAL AREA								
1		All industries, total	5,594	4,947	171,392	2,873	22,309	126,391	17,814	1,203	802
2	17	Agricultural machinery (except tractors)	3	1	148		25	100	23		
3	19	Aircraft and parts, including aircraft engines	28	12	21,327	126	6,487	14,364	333	13	4
4	15	Alloying, and rolling and drawing of nonferrous metals, except aluminum	4	2	109	2	13	90			4
5	15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	14	19	477	1	57	410	9		
6	13	Asbestos products (except steam packing and pipe and boiler covering)	3	1	109	3	9	68	24	5	
7	18	Automobile trailers (for attachment to passenger cars)	16	21	145	4	8	127	6		
8	16	Batteries, storage and primary (dry and wet)	17	12	459	7	45	346	60		1
9	20	Beauty-shop and barber-shop equipment	3	2	46	2	3	37	4		
10	4	Belts (apparel), regardless of material	13	17	111	1	4	89	16		1
11	1	Biscuit, crackers, and pretzels	16	9	873	6	48	754	43	6	16
12	1	Blended and prepared flour made from purchased flour	5	6	21		2	12	7		
13	14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	5	4	92	5	14	67	5	1	
14	8	Bookbinding and related industries	31	31	433	11	78	325	19		
15	8	Books: printing without publishing	23	28	254	10	32	190	22		
16	8	Books: publishing without printing	12	7	110	7	75		28		
17	12	Boot and shoe cut stock and findings	4	4	39	3	4	32			
18	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	327	342	7,346	49	340	5,581	1,170	127	79
19	13	Brick and hollow structural tile	11	15	357	9	15	296	29	1	7
20	20	Brooms	6	6	67	1	2	59	5		
21	20	Brushes	6	4	68	6	6	38	18		
22	20	Buttons	5	6	29		1	28			
23	1	Candy and other confectionery products	45	37	1,506	12	86	1,215	177		16
24	1	Canned and dried fruits and vegetables (including canned soups)	29	16	821	18	56	646	73	2	26
25	1	Canned fish, crustacea, and mollusks	12		2,876	18	135	2,616	31	33	43
26	3	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	3	2	20	1		17	2		
27	6	Caskets, coffins, burial cases, and other morticians' goods	19	15	260	14	19	192	33		2
28	14	Cast-iron pipe and fittings	5	1	776	8	61	699	7		1
29	1	Cereal preparations	7	5	44	4	3	24	13		
30	1	Cheese	5	3	135	3	20	105	4	3	
31	9	Chemicals not elsewhere classified	23	1	967	24	176	659	51	48	9
32	4	Children's dresses—made in inside factories or by jobbers engaging contractors [a]	5	3	195	6	5	173	11		
33	13	Clay refractories, including refractory cement (clay)	4	2	234	4	20	194	14	2	
34	9	Cleaning and polishing preparations, blackings, and dressings	28	25	243	14	33	94	102		
35	4	Clothing, leather and sheep-lined	6	6	325	7	22	272	24		
36	3	Cloth sponging and miscellaneous special finishing	3		41	3		36	2		
37	4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	106	128	2,305	23	91	2,060	126		5
38	16	Communication equipment	12	9	174	6	27	132	6	3	
39	9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	13	2	244	4	25	138	75	2	
40	13	Concrete products	49	34	450	14	40	331	55	2	8
41	17	Construction and similar machinery (except mining and oil-field machinery and tools)	9	5	271	10	40	176	34	1	10
42	7	Converted paper products not elsewhere classified [b]	15	8	397	8	55	279	55		
43	1	Cooking and other edible fats and oils, not elsewhere classified	4		503	3	117	333	39	11	
44	6	Cooperage	3	4	69		4	58	7		
45	4	Corsets and allied garments	19	17	547	9	23	467	48		
46	1	Creamery butter	7	5	47		2	37	8		
47	4	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	14	14	397	6	21	342	27		1
48	20	Dental equipment and supplies	7	9	18	2	1	10	5		
49	7	Die-cut paper and paperboard, and converted cardboard	3		58	5	11	26	12		4
50	14	Doors, window sash, frames, molding, and trim (made of metal)	20	15	197	12	15	126	40	2	2
51	9	Drugs and medicines (including drug grinding)	46	27	496	29	70	274	120	2	1
52	3	Dyeing and finishing cotton, rayon, silk, and linen textiles	8	4	189	10	15	145	19		
53	16	Electrical appliances	5	6	203	3	18	172	10		
54	16	Electrical products not elsewhere classified [a]	7	9	27		4	21	2		
55	15	Electroplating, plating, and polishing [c]	50	64	453	14	31	386	20		2
56	8	Electrotyping and stereotyping, not done in printing establishments [a]	6	5	54	5	7	35	7		
57	17	Elevators, escalators, and conveyors	9	5	250	11	33	166	40		
58	4	Embroideries, other than Schiffli-machine products—contract factories [a]	10	14	55		2	53			
59	4	Embroideries: Schiffli-machine products	6	9	43		5	35	3		
60	14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	16	13	1,289	19	65	1,146	59		
61	14	Enameling, japanning, and lacquering	3	2	11		1	10			
62	8	Engraving (steel, copperplate, and wood), plate printing	14	19	81	2	8	66	5		
63	7	Envelopes	7	8	176	8	18	127	22		1
64	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	48	37	1,753	44	292	1,298	112	4	3
65	20	Feathers, plumes, and artificial flowers	6	7	41		3	38			
66	3	Felt goods, wool, hair, and jute (except woven felts and hat bodies and hats)	3	13	273	4	27	219	23		

See footnotes at end of table.

INDUSTRIAL AREAS, BY INDUSTRIES: 1939

for individual establishments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the in- of wage earners or larger values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
LOS ANGELES INDUSTRIAL AREA														
Dollars 258,123,668	*Dollars* 15,336,999	*Dollars* 42,144,629	*Dollars* 166,630,467	*Dollars* 30,489,643	*Dollars* 2,090,562	*Dollars* 1,431,368	*Dollars* 706,906,903	*Dollars* 682,958,439	*Dollars* 7,946,944	*Dollars* 7,903,053	*Dollars* 8,098,467	*Dollars* 1,219,433,652	*Dollars* 512,526,749	1
(5)	----------	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	2
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	3
(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	4
741,845	6,000	104,916	619,772	11,157	----------	----------	597,114	557,774	12,631	19,949	6,760	2,100,482	1,503,368	5
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	6
151,256	8,200	11,317	126,177	5,562	----------	----------	395,527	390,209	130	3,001	2,187	698,380	302,853	7
697,938	57,149	86,157	446,356	107,076	----------	1,200	2,831,254	2,765,753	10,398	55,103	----------	3,886,617	1,055,363	8
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	9
94,537	250	3,667	72,518	17,478	----------	624	112,891	111,900	39	952	----------	298,054	185,163	10
972,743	20,886	98,206	750,914	72,674	9,641	20,422	2,170,943	2,126,606	28,636	15,701	----------	5,481,886	3,310,943	11
(5)	----------	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	12
89,940	7,770	17,537	56,016	8,117	500	----------	95,149	87,087	515	2,347	5,200	261,398	166,249	13
644,683	37,768	128,596	441,012	37,307	----------	----------	508,882	481,147	1,538	8,873	17,324	1,891,364	1,382,482	14
369,335	36,644	46,946	242,960	42,785	----------	----------	350,527	293,853	706	8,291	47,677	1,020,157	669,630	15
(5)	(5)	(5)	----------	(5)	----------	----------	(5)	(5)	----------	(5)	(5)	(5)	(5)	16
43,188	10,270	5,044	27,874	----------	----------	----------	58,884	58,192	48	644	----------	135,445	76,561	17
10,829,902	294,730	611,093	8,241,738	1,308,899	205,940	167,502	16,497,107	16,063,593	228,295	205,219	----------	36,504,969	20,007,862	18
413,731	52,358	25,744	284,245	46,767	1,612	3,005	220,173	74,477	124,391	21,305	----------	933,272	713,099	19
75,098	3,200	2,040	63,170	6,688	----------	----------	108,465	107,537	----------	928	----------	217,653	109,188	20
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	21
24,891	----------	1,300	23,591	----------	----------	----------	17,641	16,503	428	710	----------	72,258	54,617	22
1,458,721	41,179	168,311	950,362	267,739	2,034	29,096	4,605,783	4,540,262	28,497	37,024	----------	7,954,637	3,348,854	23
699,826	72,143	75,381	455,045	70,134	2,340	24,783	2,335,109	2,299,062	21,289	14,758	----------	3,792,708	1,457,599	24
2,586,419	183,421	268,679	2,016,465	49,688	22,832	45,334	10,755,956	10,641,584	66,919	47,453	----------	17,598,674	6,842,718	25
(5)	(5)	----------	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	26
427,188	61,073	33,187	249,667	80,799	----------	2,462	683,407	677,987	828	4,497	95	1,428,592	745,185	27
1,026,090	39,338	96,656	880,136	9,460	----------	500	1,268,935	1,103,968	145,083	18,884	1,000	2,622,325	1,353,390	28
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	29
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	30
1,707,030	125,799	428,764	933,295	103,402	99,293	16,477	5,327,873	5,062,179	97,497	160,091	8,106	9,842,047	4,514,174	31
174,300	28,500	6,335	121,976	17,489	----------	----------	239,047	217,928	391	1,608	19,120	476,456	237,409	32
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	33
335,428	41,725	48,113	90,397	153,059	358	1,776	790,051	779,570	2,063	3,615	4,803	1,768,916	978,865	34
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	35
(5)	(5)	----------	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	36
2,893,645	123,074	147,337	2,417,438	201,584	----------	4,212	5,005,608	4,711,099	4,609	23,360	266,540	9,742,814	4,737,206	37
210,305	15,768	36,560	146,104	7,994	3,879	----------	187,028	181,516	799	2,778	1,935	526,864	339,836	38
475,435	56,333	61,682	200,916	152,268	4,236	----------	495,080	369,230	21,036	104,814	----------	1,811,849	1,316,769	39
704,580	59,630	86,361	456,779	92,498	460	8,852	1,160,670	1,137,955	6,461	16,254	----------	2,431,936	1,271,266	40
396,876	42,519	54,253	215,742	77,097	1,800	5,465	524,810	506,445	7,652	10,713	----------	1,021,201	496,391	41
547,830	37,215	107,125	315,515	87,975	----------	----------	1,411,048	1,390,567	832	14,289	5,360	3,314,562	1,903,514	42
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	43
(5)	----------	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	44
499,061	25,641	26,981	375,018	71,421	----------	----------	542,889	536,260	408	6,221	----------	1,602,281	1,059,392	45
77,416	----------	7,976	53,905	15,535	----------	----------	1,035,845	996,460	18,652	20,733	----------	1,290,034	254,189	46
399,807	35,260	33,787	270,621	59,268	----------	871	924,269	918,962	321	4,287	699	1,609,412	685,143	47
21,247	3,480	1,560	10,984	5,223	----------	----------	179,678	178,905	61	712	----------	299,595	119,917	48
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	49
338,006	58,254	26,140	184,597	64,859	3,000	1,156	380,458	367,627	269	3,917	8,645	984,390	603,932	50
720,019	117,204	123,861	294,377	180,001	3,638	938	1,060,170	1,042,651	6,815	10,354	350	2,923,313	1,863,143	51
205,036	22,841	21,706	137,374	23,115	----------	----------	358,892	341,602	13,158	4,132	----------	651,817	292,925	52
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	53
36,615	----------	7,233	27,182	2,200	----------	----------	87,925	87,141	51	733	----------	203,223	115,298	54
624,955	46,494	35,921	504,808	35,372	----------	2,360	272,711	213,463	12,834	43,094	3,320	1,326,918	1,054,207	55
148,611	47,063	14,489	71,311	15,748	----------	----------	37,297	29,766	931	2,636	3,964	256,868	219,571	56
435,757	50,323	65,104	238,073	82,257	----------	----------	562,320	525,932	2,303	6,698	27,387	1,167,140	604,820	57
46,808	----------	1,570	45,238	----------	----------	----------	21,969	18,506	211	790	2,462	126,786	104,817	58
48,944	----------	7,072	39,191	2,681	----------	----------	25,272	24,472	72	628	100	107,470	82,198	59
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	60
14,104	----------	2,583	11,521	----------	----------	----------	17,097	15,993	515	589	----------	46,047	28,950	61
85,943	6,820	7,753	69,273	2,097	----------	----------	83,631	69,236	106	1,885	12,404	265,263	181,632	62
254,086	18,517	30,953	155,539	47,599	----------	1,478	342,316	328,637	345	4,502	8,832	767,470	425,154	63
2,881,027	186,291	561,141	1,896,984	225,431	7,280	3,900	7,290,190	7,171,758	23,605	73,155	21,672	11,914,586	4,624,396	64
42,743	----------	5,065	37,678	----------	----------	----------	77,037	75,226	741	820	250	164,929	87,892	65
420,004	37,509	66,609	287,174	28,712	----------	----------	1,030,868	996,728	14,932	19,208	----------	2,131,490	1,100,622	66

TABLE 9.—GENERAL STATISTICS FOR INDUSTRIAL

	Group	INDUSTRY	Number of establishments	Proprietors and firm members	Persons employed in manufacturing establishments[1]: Total[2]	Salaried officers of corporations[2]	Manufacturing: Salaried employees[2]	Manufacturing: Wage earners (average for year)[3]	Distribution	Construction	Other
		LOS ANGELES INDUSTRIAL AREA—Continued									
1	9	Fertilizers	17	11	237	6	30	118	83		
2	3	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	4	1	88	7	5	72	4		
3	1	Flavoring extracts and flavoring sirups, not elsewhere classified	27	17	366	17	78	218	44	7	2
4	13	Floor and wall tile (except quarry tile)	10	4	1,139	10	51	1,030	46	2	
5	1	Flour and other grain-mill products	7	1	406	10	55	243	98		
6	1	Food preparations, not elsewhere classified	81	67	1,110	36	76	720	258	8	12
7	17	Food-products machinery	18	7	307	24	39	218	26		
8	12	Footwear (except rubber)	13	6	858	16	84	686	72		
9	14	Forgings, iron and steel—made in plants not operated in connection with rolling mills	4	1	150	4	21	124	1		
10	4	Fur coats and other fur garments, accessories, and trimmings	51	59	225	9	11	186	19		
11	14	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	7	3	88	8	5	71	4		
12	20	Games and toys (except dolls and children's vehicles)	14	16	127	8	16	94	8	1	
13	8	General commercial job printing	389	405	2,978	110	309	2,201	357	1	
14	16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	32	24	1,208	24	210	873	97		4
15	14	Gray-iron and semisteel castings	26	28	1,095	14	78	957	45	1	
16	8	Greeting cards (except hand-painted)	5	3	216	5	35	140	36		
17	20	Hand stamps, stencils, and brands	13	11	117	9	3	84	21		
18	14	Hardware not elsewhere classified	26	28	415	8	24	342	41		
19	14	Heating and cooking apparatus, except electric, not elsewhere classified	10	13	61	2	1	49	9		
20	4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	15	10	948	6	41	851	50		
21	4	Housefurnishings (except curtains, draperies, and bedspreads)	27	25	455	10	28	349	63		5
22	6	Household furniture, except upholstered	143	187	3,565	38	206	2,930	362	3	26
23	1	Ice cream and ices	70	45	1,309	32	80	520	555	4	118
24	1	Ice, manufactured	43	21	796	25	36	320	404	3	8
25	12	Industrial leather belting and packing leather	6	8	31		4	20	7		
26	17	Industrial machinery, not elsewhere classified	25	9	1,385	28	189	1,010	124	31	3
27	9	Insecticides, fungicides, and related industrial and household chemical compounds	44	32	299	31	48	149	68	3	
28	17	Internal-combustion engines	3	2	23	1	2	20			
29	20	Jewelry cases and instrument cases	4	5	62		3	58	1		
30	15	Jewelry (precious metals)	33	37	242	8	36	181	12		5
31	3	Knitted outerwear (except knit gloves)—contract factories	9	10	87	5	2	80			
32	3	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	31	35	1,022	17	59	787	156	3	
33	6	Laboratory, hospital, and other professional furniture	7	10	104	1	9	81	13		
34	15	Lighting fixtures [a]	64	66	786	42	69	579	91	1	4
35	1	Liquors, rectified or blended	5	1	63	6	8	48	1		
36	8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	18	13	550	18	97	353	81		1
37	9	Lubricating oils and greases—not made in petroleum refineries	12	8	94	5	14	42	31		2
38	1	Macaroni, spaghetti, vermicelli, and noodles	17	20	259	11	20	167	57	4	
39	8	Machine and hand typesetting (including advertisement typesetting)	33	47	208	6	29	161	12		
40	17	Machine-shop products, not elsewhere classified	108	98	1,905	68	246	1,408	169	2	12
41	17	Machine-shop repairs	52	55	404	8	35	346	14		1
42	17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	18	22	147	4	10	127	6		
43	1	Malt liquors	8		781	9	61	588	92	3	28
44	6	Mattresses and bedsprings	27	33	568	2	41	459	62		4
45	17	Measuring and dispensing pumps	3	1	93	1	6	29	56		1
46	17	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	7	2	361	7	32	298	23		1
47	1	Meat packing, wholesale	40	28	4,426	37	319	2,826	1,157	49	38
48	17	Mechanical power-transmission equipment	6	7	51	3	10	26	11		1
49	4	Men's and boys' hats and caps (except felt and straw)	9	10	107	1	6	93	6		1
50	4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in contract factories	3	2	62		1	60	1		
51	4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	17	17	811	16	34	695	64		2
52	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	28	38	266	3	7	251	4		1
53	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors [a]	37	40	1,956	27	129	1,657	142		1
54	4	Men's neckwear—made in inside factories or by jobbers engaging contractors	10	8	602	6	26	503	66		1
55	4	Millinery	51	59	965	11	40	834	80		
56	13	Minerals and earths, ground or otherwise treated	12	7	272	3	52	208	9		
57	6	Mirror frames and picture frames	10	10	106	2	9	81	14		
58	13	Mirrors and other glass products made of purchased glass [a]	27	27	321	16	20	230	55		
59	20	Miscellaneous fabricated products not elsewhere classified	25	22	216	4	16	183	13		
60	4	Miscellaneous fabricated textile products not elsewhere classified	12	9	153	3	8	122	19		1
61	20	Models and patterns (except paper patterns)	29	31	134	4	2	123	5		
62	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	19	14	152	12	13	112	15		
63	18	Motor vehicles, motor-vehicle bodies, parts and accessories	45	34	4,288	39	528	3,187	220		14
64	9	Mucilage, paste, and other adhesives, except glue and rubber cement	4	5	9		3	4	2		
65	20	Needles, pins, hooks and eyes, and slide and snap fasteners	3		40	2	3	30	5		

See footnotes at end of table.

AREAS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [3]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
LOS ANGELES INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
293,875	20,925	50,228	108,197	114,525	----	----	2,503,001	2,488,265	4,822	9,914	----	3,252,073	749,072	1
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	2
698,911	242,111	143,276	238,955	63,657	9,468	1,444	2,824,214	2,789,125	16,078	19,011	----	8,922,105	6,097,891	3
1,451,697	51,601	113,997	1,207,217	76,267	2,615	----	849,293	708,096	104,753	36,444	----	3,691,730	2,842,437	4
813,591	140,825	117,908	401,916	152,942	----	----	5,888,627	5,823,790	2,819	62,018	----	7,894,478	2,005,851	5
1,323,517	163,839	108,644	657,784	376,767	10,072	6,411	6,046,243	5,987,174	26,109	32,960	----	9,057,307	3,011,064	6
582,580	121,289	75,376	339,323	46,592	----	----	702,280	664,538	2,456	7,771	27,515	1,819,425	1,117,145	7
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	8
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	9
354,696	37,484	17,521	275,419	24,272	----	----	733,201	715,499	276	3,641	13,785	1,336,040	602,839	10
165,585	39,335	6,909	109,747	9,594	----	----	182,312	165,385	13,671	1,893	1,363	451,086	268,774	11
126,390	13,375	19,385	85,497	7,849	284	----	213,838	206,944	495	2,241	4,158	540,669	326,831	12
4,529,716	406,255	464,241	3,047,048	612,172	----	----	4,874,165	4,253,978	15,712	97,919	506,556	13,078,136	8,203,971	13
2,068,725	194,660	371,527	1,256,963	240,907	----	4,668	2,411,789	2,365,970	6,187	26,921	12,711	6,112,863	3,701,074	14
1,480,061	74,623	146,906	1,145,994	110,438	2,100	----	1,236,994	985,975	157,135	36,494	57,390	3,433,222	2,196,228	15
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	16
167,526	21,972	6,188	116,370	22,996	----	----	108,258	103,769	1,138	2,424	927	432,794	324,536	17
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	18
78,957	3,590	600	63,365	11,402	----	----	153,402	132,593	674	1,597	18,538	309,190	155,788	19
988,689	78,516	56,681	768,840	84,652	----	----	1,834,276	1,821,513	2,322	8,497	1,944	3,721,999	1,887,723	20
(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	21
4,718,001	287,630	381,523	3,363,437	669,282	3,219	12,910	5,563,649	5,405,266	7,569	100,330	50,484	12,739,869	7,176,220	22
2,072,310	134,237	173,016	658,126	894,363	12,878	199,690	5,343,811	5,188,140	26,485	129,186	----	11,060,713	5,716,902	23
1,103,606	67,292	84,189	440,502	502,615	2,907	6,101	434,973	92,114	44,845	298,014	----	3,000,076	2,565,103	24
37,001	----	5,128	23,409	8,464	----	----	83,363	81,885	342	1,136	----	179,285	95,922	25
2,680,221	200,014	474,015	1,600,794	335,791	66,068	3,539	3,169,771	3,053,043	13,819	49,469	53,440	6,547,238	3,377,467	26
529,319	139,960	96,251	153,658	135,745	3,687	18	1,908,497	1,882,667	9,931	13,496	2,403	3,467,945	1,559,448	27
41,777	3,600	2,350	35,827	----	----	----	51,802	30,390	77	575	20,760	124,865	73,063	28
44,737	----	3,068	37,669	4,000	----	----	47,288	45,123	1,052	1,113	----	124,331	77,043	29
363,650	24,769	45,546	271,006	18,570	----	3,759	457,680	432,629	1,283	2,866	20,902	1,080,052	622,372	30
68,315	6,145	509	61,661	----	----	----	16,799	13,899	901	1,999	----	127,653	110,854	31
1,035,178	61,098	86,194	665,890	217,872	4,124	----	1,915,974	1,749,637	5,137	14,046	147,154	3,738,044	1,822,070	32
129,804	5,400	16,250	89,875	18,279	----	----	303,404	271,674	529	2,321	28,880	520,509	217,105	33
1,049,944	139,625	131,536	623,214	150,536	1,398	3,635	1,712,594	1,658,128	5,344	19,987	29,135	3,583,337	1,870,743	34
63,125	7,761	10,836	42,737	1,791	----	----	76,375	74,299	225	1,851	----	211,443	135,068	35
1,003,393	93,943	183,448	539,642	185,305	----	1,055	867,235	807,705	2,047	8,954	48,529	2,400,529	1,533,294	36
159,235	18,675	23,805	55,930	58,870	----	1,955	554,632	542,965	6,925	4,742	----	1,039,346	484,714	37
266,547	20,955	22,149	141,136	79,057	3,250	----	738,875	715,093	4,046	18,904	832	1,271,495	532,620	38
328,352	25,595	44,253	236,919	21,585	----	----	69,784	47,636	1,579	8,727	11,842	701,255	631,471	39
3,154,212	387,216	428,244	1,927,378	391,836	3,885	15,653	3,067,096	2,850,074	39,681	76,148	101,193	8,745,220	5,678,124	40
602,479	25,381	53,836	507,734	15,028	----	500	311,931	280,847	9,217	18,968	2,899	1,551,802	1,239,871	41
212,040	8,350	15,210	181,527	6,953	----	----	119,797	111,725	672	4,868	2,532	501,770	381,973	42
1,675,527	35,170	175,888	1,183,172	193,650	37,994	49,653	2,727,526	2,622,627	43,804	61,095	----	8,374,903	5,647,377	43
724,294	9,220	66,921	527,965	114,621	----	5,567	1,923,818	1,906,719	2,186	13,637	1,276	3,390,495	1,466,677	44
(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	45
(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	46
7,693,889	345,298	661,641	4,154,292	2,082,220	101,146	349,292	72,180,389	71,814,575	122,635	195,857	47,322	83,231,229	11,050,840	47
103,192	23,310	15,655	47,965	15,182	----	1,080	46,555	43,880	322	2,346	7	170,775	124,220	48
92,600	2,600	9,874	77,550	1,913	----	663	116,255	114,453	234	1,064	504	264,754	148,499	49
46,840	----	2,051	43,928	861	----	----	24,889	24,086	226	577	----	92,874	67,985	50
708,421	61,752	48,946	470,386	124,847	----	2,490	1,191,952	1,137,739	1,045	8,929	44,239	2,284,977	1,093,025	51
274,170	7,157	14,796	248,772	3,070	----	375	68,303	30,632	635	4,187	32,849	475,732	407,429	52
2,464,222	101,649	259,213	1,836,402	266,358	----	600	2,990,545	2,868,748	6,960	18,337	96,500	6,154,393	3,163,848	53
486,709	36,698	48,466	327,838	73,083	----	624	948,081	931,979	565	4,764	10,773	1,762,834	814,753	54
1,090,377	63,172	64,077	836,101	121,565	----	5,462	1,277,897	1,260,308	6,208	9,341	2,040	3,200,046	1,922,149	55
337,525	12,450	91,933	217,596	15,546	----	----	880,871	784,506	39,982	48,224	8,159	2,368,789	1,487,918	56
126,479	3,708	11,459	89,343	21,969	----	----	117,585	114,869	264	1,897	555	341,842	224,257	57
577,234	55,537	31,176	400,177	90,344	----	----	675,040	656,011	5,759	10,440	2,830	1,580,014	904,974	58
227,473	19,200	26,268	169,596	12,409	----	----	406,501	401,335	636	4,530	----	882,700	476,199	59
182,677	11,600	8,744	138,498	23,483	----	352	237,591	234,623	107	2,479	382	541,634	304,043	60
187,891	11,900	2,441	165,264	8,286	----	----	83,760	79,060	1,071	3,489	140	433,312	349,552	61
230,701	37,912	19,288	152,428	21,073	----	----	217,162	193,457	1,816	14,602	7,287	598,393	381,231	62
(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	63
18,982	----	5,866	4,330	8,786	----	----	56,862	55,891	352	619	----	80,725	23,863	64
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	65

TABLE 9.—GENERAL STATISTICS FOR INDUSTRIAL

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
		LOS ANGELES INDUSTRIAL AREA—Continued									
1	8	Newspapers, publishing and printing	113	92	6,784	68	2,142	2,728	1,845	1	.....
2	8	Newspapers, publishing without printing	37	33	313	6	160	77	70	...	...
3	1	Nonalcoholic beverages	35	19	1,064	29	56	400	575	...	4
4	15	Nonferrous-metal foundries (except aluminum)	36	32	454	15	35	382	22	...	...
5	15	Nonferrous-metal products not elsewhere classified [6]	26	24	332	10	24	274	20	2	2
6	17	Office and store machines not elsewhere classified	4		256	4	50	151	32	4	15
7	6	Office furniture [5]	16	21	158	3	15	126	13	..	1
8	11	Oil burners, domestic and industrial	3	2	61	...	10	44	7	...	...
9	17	Oil-field machinery and tools	45	29	3,033	51	465	1,929	565	10	13
10	9	Paints, varnishes, and lacquers	76	45	1,269	51	197	596	405	3	17
11	7	Paper and paperboard mills	7	...	1,128	7	126	954	30	11	...
12	7	Paperboard containers and boxes not elsewhere classified	28	12	1,098	23	89	883	101	...	2
13	6	Partitions, shelving, cabinet work, and office and store fixtures	49	41	1,308	29	110	980	182	4	3
14	10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	7	4	117	5	12	57	43	...	...
15	9	Perfumes, cosmetics, and other toilet preparations	36	22	503	21	78	292	107	5	...
16	8	Periodicals: publishing and printing	16	8	472	7	121	292	52	...	...
17	8	Periodicals, publishing without printing	95	62	513	37	303	16	157	...	...
18	10	Petroleum refining	47	13	5,830	46	848	4,290	247	398	1
19	8	Photoengraving, not done in printing establishments (including preparation of plates)	29	31	418	28	49	276	65	...	...
20	20	Photographic apparatus and materials and projection equipment (except lenses)	20	22	239	6	31	178	24	...	...
21	1	Pickled fruits and vegetables and vegetable sauces and seasonings	21	23	448	7	27	330	80	...	4
22	5	Planing mills not operated in conjunction with sawmills	102	79	2,110	50	109	1,720	221	7	3
23	13	Pottery products not elsewhere classified	18	17	626	3	39	546	33	4	1
24	1	Poultry dressing and packing, wholesale	25	27	366	3	26	279	57	1	...
25	14	Power boilers and associated products	19	10	930	28	79	735	86	2	...
26	1	Prepared feeds (including mineral) for animals and fowls	43	28	756	24	91	497	134	6	4
27	1	Preserves, jams, jellies, and fruit butters	19	14	298	9	29	207	52	...	1
28	9	Printing ink	3	1	26	3	3	12	8	...	...
29	17	Printing-trades machinery and equipment	11	10	84	7	11	43	23	...	...
30	20	Professional and scientific instruments (except surgical and dental)	17	13	198	8	31	147	10	2	...
31	6	Public-building furniture	8	6	67	2	6	53	6	...	...
32	17	Pumping equipment and air compressors	32	16	1,675	35	215	1,064	340	...	21
33	1	Quick-frozen foods	3	...	92	2	...	65	22	3	...
34	16	Radios, radio tubes, and phonographs	26	13	690	21	88	532	48	1	...
35	17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	23	19	833	18	92	609	105	..	9
36	4	Robes, lounging garments, and dressing gowns [5]	16	20	429	5	31	353	36	2	2
37	10	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	12	8	511	5	54	347	97	8	...
38	13	Roofing tile	5	7	103	...	9	90	4	...	...
39	11	Rubber products not elsewhere classified	41	33	1,230	35	119	913	156	5	2
40	12	Saddlery, harness, and whips	5	5	47	3	3	37	4	...	...
41	1	Salad dressings	11	5	116	7	18	82	9	...	...
42	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	26	28	353	9	21	216	102	1	4
43	14	Screw-machine products and wood screws	14	14	348	8	18	310	12	...	...
44	15	Secondary smelting and refining of nonferrous metals not elsewhere classified	3	...	144	7	13	106	10	8	...
45	15	Sheet-metal work not specifically classified	89	93	1,191	32	91	912	152	2	2
46	19	Shipbuilding and ship repairing	12	5	864	19	86	750	9	...	...
47	20	Signs, advertising displays, and advertising novelties	63	60	937	25	82	670	159	1	...
48	9	Soap and glycerin	19	6	742	22	140	490	83	...	7
49	20	Soda fountains, beer dispensing equipment, and related products	3	2	42	...	8	34	...	...	...
50	20	Sporting and athletic goods not elsewhere classified	16	17	86	5	10	65	6	...	...
51	14	Stamped and pressed metal products (except automobile stampings)	24	23	850	10	92	729	16	1	2
52	13	Statuary and art goods (except stone and concrete)—factory production	6	5	42	5	1	33	3	...	...
53	14	Steam and hot-water heating apparatus (including hot-water furnaces)	3	1	44	4	5	33	2	...	...
54	13	Steam and other packing; pipe and boiler covering	4	5	197	...	29	164	2	2	...
55	14	Steam fittings, regardless of material	9	2	399	15	38	338	8	...	...
56	14	Steel castings	9	...	925	15	87	783	33	7	...
57	14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	44	36	2,568	50	170	2,034	272	8	34
58	12	Suitcases, brief cases, bags, trunks, and other luggage	14	17	159	7	17	131	4	...	...
59	20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	12	11	62	4	7	47	4	...	...
60	14	Tin cans and other tinware not elsewhere classified	6	4	1,098	...	174	828	10	86	...
61	14	Tools (except edge tools, machine tools, files, and saws)	12	13	270	6	24	181	59	...	...
62	4	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	5	7	47	...	5	34	8	...	...
63	4	Trousers (semidress), wash suits, and washable service apparel	8	11	269	...	16	233	20	...	...
64	6	Upholstered household furniture [6]	53	59	2,057	24	158	1,673	190	...	12
65	9	Vegetable and animal oils, not elsewhere classified	4	1	51	4	8	33	5	1	...
66	6	Venetian blinds	54	66	750	14	59	572	102	1	2
67	13	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	13	3	145	10	19	91	25	...	...
68	13	Whiteware	3	1	457	6	35	401	15	...	...
69	6	Window and door screens and weather strip	12	17	140	6	9	79	46	...	...
70	6	Window shades	9	2	114	2	18	82	9	...	3

See footnotes at end of table.

AREAS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
LOS ANGELES INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
12,941,737	584,906	4,927,628	4,609,755	2,818,934	514	----------	8,411,827	7,765,694	56,543	136,649	452,941	32,226,284	23,814,457	1
405,380	25,511	166,508	116,036	97,325	----------	----------	711,985	26,060	1,292	3,928	680,705	1,478,700	766,715	2
2,156,736	250,252	107,702	482,410	1,305,280	----------	11,092	3,068,263	3,014,130	13,981	40,152	----------	8,370,718	5,302,455	3
617,955	47,633	65,199	471,652	33,471	----------	----------	941,203	874,527	25,886	15,429	25,361	1,914,369	973,166	4
488,593	48,991	45,271	362,108	26,233	2,350	3,640	494,929	467,134	8,862	8,526	10,407	1,377,907	882,978	5
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	6
201,638	11,260	25,828	136,509	27,041	----------	1,000	344,756	333,497	482	6,182	4,595	733,065	388,309	7
(5)	----------	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	8
5,827,499	412,017	946,397	3,273,449	1,153,300	22,463	19,873	5,248,123	4,922,918	69,217	209,583	46,405	17,594,760	12,346,637	9
2,135,957	244,180	354,742	792,668	721,632	5,643	17,092	7,293,427	7,198,873	16,673	45,200	32,681	11,767,591	4,474,164	10
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	11
1,508,454	122,038	189,243	995,162	201,685	----------	326	3,249,928	3,210,421	10,346	24,514	4,647	5,962,141	2,712,213	12
1,960,905	100,915	196,444	1,393,123	263,439	4,901	2,083	2,162,127	2,108,577	2,125	27,021	24,404	4,798,946	2,636,819	13
194,587	28,600	19,984	76,982	69,021	----------	----------	538,169	490,621	24,113	13,812	9,623	1,028,431	490,262	14
906,529	223,954	140,855	290,469	243,436	7,815	----------	1,997,053	1,977,035	6,502	9,341	4,175	4,544,430	2,547,377	15
931,156	25,259	308,412	490,815	106,670	----------	----------	675,851	628,894	955	14,115	31,887	2,742,073	2,066,222	16
845,324	192,748	472,281	21,004	159,291	----------	----------	1,080,436	115,008	132	698	964,598	3,201,444	2,121,008	17
11,695,004	458,654	2,239,539	7,902,294	473,111	619,761	1,645	180,544,259	175,498,849	3,612,198	1,208,382	224,830	224,072,625	43,528,366	18
918,567	125,003	89,945	536,723	166,896	----------	----------	278,051	188,668	2,286	13,973	73,124	1,713,265	1,435,214	19
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	20
431,739	31,654	40,408	262,458	85,956	----------	11,263	1,352,295	1,335,218	10,737	6,340	----------	2,045,843	693,548	21
3,283,848	241,888	204,725	2,450,943	372,488	9,867	3,937	8,943,683	8,765,128	8,236	138,119	32,200	14,479,494	5,535,811	22
788,439	16,720	69,988	631,624	60,103	9,083	921	419,005	339,704	54,454	17,543	7,304	1,504,441	1,085,436	23
360,180	20,432	35,730	221,875	79,829	2,314	----------	3,305,944	3,296,145	3,747	6,052	----------	4,160,876	854,932	24
1,319,914	129,770	154,363	882,470	148,031	5,280	----------	2,657,619	2,320,949	8,709	42,532	285,429	4,708,435	2,050,816	25
1,202,684	91,540	146,640	718,469	233,860	8,128	4,047	9,971,987	9,844,161	17,736	110,090	----------	13,777,305	3,805,318	26
350,120	36,629	37,077	192,081	83,495	----------	838	1,542,594	1,527,361	8,915	6,318	----------	2,307,424	764,830	27
55,151	17,517	12,801	12,967	11,866	----------	----------	109,448	108,611	13	824	----------	250,191	140,743	28
126,892	20,125	18,111	57,014	31,642	----------	----------	130,545	122,740	678	1,622	5,505	310,516	179,971	29
353,346	63,688	64,090	202,941	17,997	4,630	----------	282,572	272,915	1,068	3,924	4,665	764,564	481,992	30
74,313	5,000	9,261	52,088	7,964	----------	----------	77,571	74,749	100	2,662	60	250,159	172,588	31
2,931,718	182,889	430,903	1,662,275	611,606	----------	44,045	2,865,100	2,681,639	25,384	55,618	102,459	8,585,696	5,720,596	32
(5)	(5)	----------	(5)	(5)	(5)	----------	(5)	(5)	----------	(5)	----------	(5)	(5)	33
926,515	91,313	140,637	606,103	87,350	1,112	----------	2,957,627	2,749,701	7,598	13,568	186,760	5,080,111	2,122,484	34
1,203,364	135,799	157,153	731,100	169,973	----------	9,339	2,068,146	1,993,145	5,726	21,682	47,593	4,081,560	2,013,414	35
395,362	18,462	41,560	278,577	53,822	1,447	1,494	677,146	660,932	557	3,545	12,112	1,346,826	669,680	36
806,224	71,193	101,947	447,877	171,484	13,723	----------	2,615,305	2,553,335	40,964	21,006	----------	4,680,534	2,065,229	37
114,714	----------	15,256	92,499	6,959	----------	----------	79,831	41,302	27,106	11,423	----------	276,008	196,177	38
1,729,283	192,110	207,226	978,293	346,649	3,561	1,444	2,340,541	2,211,682	36,287	76,369	16,203	5,948,217	3,607,676	39
70,465	6,200	6,225	53,407	4,633	----------	----------	63,289	56,411	119	1,301	5,458	157,349	94,060	40
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	41
531,730	48,920	32,518	296,497	147,845	2,419	3,531	3,035,396	3,004,258	10,823	19,934	381	3,870,026	834,630	42
524,575	54,495	27,338	421,411	21,331	----------	----------	587,915	566,784	235	13,351	7,545	1,414,957	827,042	43
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	44
1,624,911	111,501	159,107	1,160,348	191,065	1,321	1,569	2,274,755	2,227,376	5,772	23,973	17,634	4,964,120	2,689,365	45
1,396,775	89,605	169,823	1,126,108	11,239	----------	----------	855,730	803,960	5,718	46,052	----------	3,160,688	2,304,958	46
1,587,078	122,078	147,060	997,318	319,422	1,200	----------	1,070,150	1,002,199	12,351	26,925	28,675	3,450,895	2,380,745	47
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	48
(5)	----------	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	49
93,064	10,131	13,723	56,681	12,529	----------	----------	135,101	131,933	293	1,472	1,403	331,107	196,006	50
1,159,635	62,927	176,461	877,668	35,473	2,000	5,106	2,531,716	2,474,499	8,081	23,257	25,879	4,493,552	1,961,836	51
42,289	6,600	1,059	30,758	3,872	----------	----------	16,048	15,104	348	296	300	95,939	79,891	52
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	53
(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	54
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	55
1,498,505	131,305	197,111	1,040,432	115,317	14,340	----------	1,119,217	921,818	24,165	170,786	2,448	3,314,992	2,195,775	56
3,506,233	236,348	290,767	2,370,771	560,537	10,073	37,737	6,753,446	6,585,482	42,097	61,297	64,570	14,410,364	7,656,918	57
170,517	20,113	25,121	122,283	3,000	----------	----------	259,365	256,360	257	2,730	18	537,126	277,761	58
91,740	10,849	8,369	64,676	7,846	----------	----------	49,812	47,327	219	1,066	1,200	209,451	159,639	59
(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	60
430,783	25,487	57,563	253,808	93,925	----------	----------	324,573	312,536	4,334	7,353	350	1,190,311	865,738	61
42,803	----------	5,402	27,302	10,099	----------	----------	140,390	139,959	36	340	55	196,078	55,688	62
214,974	----------	26,172	148,246	40,556	----------	----------	671,872	549,444	189	1,704	120,535	1,149,774	477,902	63
2,675,756	135,255	265,938	1,909,551	347,927	----------	17,085	3,952,876	3,909,962	4,411	34,513	3,990	7,881,745	3,928,869	64
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	65
919,572	59,022	68,347	638,623	150,533	1,300	1,747	1,754,305	1,720,167	2,066	14,512	17,560	3,312,431	1,558,126	66
218,709	25,499	36,947	108,624	47,639	----------	----------	494,991	476,850	3,951	14,190	----------	808,155	313,164	67
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	68
194,527	37,100	8,464	87,169	61,794	----------	----------	234,066	229,950	12	4,104	----------	513,030	278,964	69
147,478	15,600	22,464	91,667	15,277	----------	2,470	460,704	457,018	829	2,857	----------	721,336	260,632	70

TABLE 9.—GENERAL STATISTICS FOR INDUSTRIAL

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS[1] Total[2]	Salaried officers of corporations[2]	Manufacturing: Salaried employees[2]	Manufacturing: Wage earners (average for year)[3]	Distribution	Construction	Other
		LOS ANGELES INDUSTRIAL AREA—Continued									
1	1	Wines	10	7	112	5	13	55	37	-	2
2	11	Wirework not elsewhere classified	43	47	1,049	13	77	921	38	...	...
3	16	Wiring devices and supplies	3	2	92	2	8	62	20	...	...
4	4	Women's and misses' blouses and waists—made in contract factories [b]	5	13	156	4	2	148	2	...	...
5	4	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors	11	11	583	4	25	519	35	...	...
6	4	Women's and misses' clothing, not elsewhere classified—made in contract factories [a]	11	13	171		1	169	...	1	...
7	4	Women's and misses' dresses (except house dresses)—made in contract factories	12	13	187	1	...	184	2	...	...
8	4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	57	66	2,316	17	116	2,038	139	...	6
9	6	Wooden boxes except cigar boxes	17	18	334	4	32	275	23	...	...
10	6	Wood preserving	4	..	128	...	12	113	3	..	...
11	6	Wood products not elsewhere classified	30	36	303	11	23	242	23	...	4
12	17	Woodworking machinery	4	2	88	5	4	30	49	...	...
13	3	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	6	2	298	6	13	274	5	...	...
14	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	16	15	950	5	20	825	93	2	5
15	14	Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills	4	-	256	2	5	246	3	...	...
16	16	X-ray and therapeutic apparatus and electronic tubes [a]	15	14	120	13	23	64	19	...	1
17		Other industries [6]	763	552	54,684	597	10,137	41,166	2,298	359	127
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]									
18	1	Food and kindred products	49	25	1,072	23	179	743	107	17	3
19	3	Textile-mill products and other fiber manufactures	40	13	1,532	37	89	1,330	72	4	...
20	4	Apparel and other finished products made from fabrics and similar materials	169	180	4,065	49	213	3,494	283	2	24
21	6	Furniture and finished lumber products	8	9	209	2	18	171	16	2	...
22	7	Paper and allied products	21	...	1,669	22	192	1,353	84	14	4
23	8	Printing, publishing, and allied industries	29	16	619	25	128	380	86	...	...
24	9	Chemicals and allied products	36	15	1,161	36	196	820	96	2	11
25	12	Leather and leather products	28	30	1,086	21	96	877	91	...	1
26	13	Stone, clay, and glass products	40	17	2,890	48	311	2,401	118	12	
27	14	Iron and steel and their products, except machinery	84	61	5,834	65	618	4,743	220	160	28
28	15	Nonferrous metals and their products	17	6	587	18	50	469	36	9	5
29	16	Electrical machinery	16	12	476	11	44	383	38		...
30	17	Machinery (except electrical)	40	22	1,333	26	220	871	186	12	18
31	20	Miscellaneous industries	92	83	1,237	46	123	975	89	4	...
32	2	Tobacco manufactures	9	11	413	...	4	400	9	...	...
33	11	Rubber products	5	...	4,310	...	633	3,354	200	108	15
34	18	Automobiles and automobile equipment	45	34	4,288	39	528	3,487	220	...	14
35	5	Lumber and timber basic products	1								
36	10	Products of petroleum and coal	1	18	21,903	129	6,495	14,915	347	13	4
37	19	Transportation equipment except automobiles	33								
		SAN FRANCISCO-OAKLAND INDUSTRIAL AREA									
38		All industries, total	3,441	3,141	101,557	1,643	11,893	76,374	9,637	1,614	396
39	17	Agricultural machinery (except tractors)	3	1	13	4	1	8	...	...	...
40	15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	8	3	312	4	56	213	14	25	...
41	15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	5	6	73	2	12	50	9	...	...
42	13	Asbestos products (except steam packing and pipe and boiler covering)	3	1	143	...	14	117	1	11	...
43	1	Baking powder, yeast, and other leavening compounds	5	...	186	...	22	110	38	12	4
44	6	Baskets for fruits and vegetables	4	2	54	1	3	47	3	...	...
45	16	Batteries, storage and primary (dry and wet)	10	4	233	8	23	191	11	...	...
46	3	Batting, padding, and wadding; upholstery filling	4	2	111	2	11	95	3	...	...
47	20	Beauty-shop and barber-shop equipment	3	2	58	2	11	20	25	...	...
48	4	Belts (apparel), regardless of material	3	5	33	...	3	23	7	...	...
49	1	Biscuit, crackers, and pretzels [a]	12	11	782	7	43	647	75	4	6
50	1	Blended and prepared flour made from purchased flour	3	3	13	...	3	10	...	...	...
51	19	Boat building and boat repairing	5	13	5	...	...	5	...	...	...
52	14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	3	...	54	4	6	41	3	...	...
53	8	Bookbinding and related industries	25	25	738	13	157	405	157	...	6
54	8	Books: printing without publishing [a]	13	12	144	4	22	101	17	...	...
55	8	Books: publishing and printing	5	2	95	6	20	69	...	...	...
56	8	Books: publishing without printing	7	2	171	3	67	1	100	...	...
57	12	Boot and shoe cut stock and findings	4	2	32	3	4	23	2	...	...
58	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	394	516	3,927	32	190	3,000	632	35	38
59	13	Brick and hollow structural tile	3	...	139	2	7	114	15	...	1
60	20	Brooms	4	21	16	...	...	16	...	...	...
61	20	Brushes	3	1	52	3	6	36	7	...	...
62	1	Candy and other confectionery products	53	35	1,776	29	101	1,458	172	...	16
63	1	Canned and dried fruits and vegetables (including canned soups)	39	20	5,518	27	270	5,068	133	6	14

See footnotes at end of table.

AREAS, BY INDUSTRIES: 1939—Continued

Salaries and wages: Total [2]	Salaries of officers of corporations [2]	Manufacturing: Salaries [2]	Manufacturing: Wages	Distribution	Construction	Other	Cost of materials, supplies, fuel, purchased electric energy, and contract work: Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
LOS ANGELES INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
155,866	18,400	23,954	49,423	61,107	----------	2,982	312,039	303,163	4,273	4,603	----------	757,897	445,858	1
1,317,839	57,603	139,371	1,036,659	84,206	----------	----------	2,264,519	2,211,579	10,215	35,025	7,700	4,697,184	2,432,665	2
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	3
130,067	20,160	4,271	103,719	1,917	----------	----------	21,717	17,407	74	4,236	----------	192,747	171,030	4
520,417	19,600	40,920	402,811	57,086	----------	----------	954,794	864,691	353	3,913	85,837	1,882,036	927,242	5
99,813	----------	1,599	97,422	----------	792	----------	10,066	7,163	618	2,285	----------	197,088	187,022	6
137,041	1,843	----------	133,750	1,448	----------	----------	243,395	240,829	210	2,356	----------	474,785	231,390	7
2,392,600	107,940	212,974	1,818,165	247,033	----------	6,488	3,358,277	3,150,529	1,950	19,625	186,173	7,359,008	4,000,731	8
436,551	36,720	36,955	325,772	37,104	----------	----------	871,805	859,231	7	12,117	450	1,515,235	643,430	9
183,681	----------	22,424	157,174	4,083	----------	----------	1,787,828	1,765,319	16,605	5,904	----------	2,609,735	821,907	10
323,279	24,160	29,649	233,009	31,417	----------	5,044	445,236	423,424	819	15,491	5,502	1,120,112	674,876	11
103,842	13,210	6,330	37,460	46,842	----------	----------	99,846	97,594	29	1,178	1,045	321,179	221,333	12
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	13
1,004,502	39,983	64,807	739,576	152,085	2,463	5,588	1,468,899	1,458,032	1,868	8,999	----------	3,047,308	1,578,409	14
381,546	20,960	9,603	345,475	5,508	----------	----------	1,152,560	1,092,582	3,328	16,650	40,000	1,966,181	813,621	15
193,111	50,278	39,334	81,015	18,284	----------	4,200	374,612	362,856	410	1,681	9,665	939,233	564,621	16
85,625,494	3,228,809	18,256,180	58,901,586	4,354,930	698,916	185,073	191,260,493	184,542,578	1,991,875	2,447,772	2,278,268	350,551,426	159,290,933	17
1,746,613	96,692	389,137	1,035,622	195,550	26,772	2,840	17,207,463	16,899,763	134,470	173,230	----------	22,100,860	4,893,397	18
1,974,940	187,746	183,657	1,397,181	196,663	9,693	----------	3,064,502	2,980,244	28,477	46,325	9,456	5,820,735	2,756,233	19
3,967,118	246,407	315,533	2,979,860	388,143	2,200	34,975	9,272,268	8,946,169	6,922	47,760	271,417	16,431,766	7,159,498	20
283,099	11,333	44,103	206,747	19,171	1,745	----------	591,924	578,525	4,499	8,900	----------	1,107,303	515,379	21
2,620,182	88,296	411,892	1,902,644	180,301	34,049	3,000	6,193,579	5,737,225	191,131	254,301	10,922	12,303,460	6,109,881	22
924,926	113,654	149,184	485,898	176,190	----------	----------	933,519	753,374	2,062	11,679	166,404	2,835,562	1,902,043	23
1,913,262	134,088	414,204	1,183,101	166,732	6,792	8,345	12,116,127	11,824,573	105,719	117,885	67,950	18,977,662	6,861,535	24
1,194,080	57,233	141,281	879,321	115,881	----------	364	1,526,098	1,432,433	1,658	11,581	80,426	3,430,334	1,904,236	25
4,405,372	247,189	684,794	3,201,149	253,692	18,548	----------	5,627,244	4,871,951	485,160	266,611	3,522	15,279,326	9,652,082	26
9,288,992	330,530	1,276,522	6,972,699	368,401	294,244	46,596	20,350,383	19,248,272	629,884	422,571	49,656	39,758,514	19,408,131	27
904,051	81,500	110,703	634,129	57,049	15,128	5,542	4,531,843	4,437,594	47,427	39,844	6,978	6,852,394	2,320,551	28
596,829	65,773	93,721	383,410	53,925	----------	----------	1,006,987	980,358	6,004	12,866	7,759	2,333,758	1,326,771	29
2,330,139	157,778	445,046	1,220,167	475,645	10,028	21,475	2,169,293	1,925,946	19,907	25,696	197,744	5,991,038	3,821,745	30
1,656,837	138,195	208,326	1,168,666	138,317	3,333	----------	3,205,249	3,123,410	11,098	50,836	19,905	6,489,176	3,283,927	31
														32
														33
51,819,054	1,272,395	13,388,077	35,250,992	1,569,270	276,384	61,936	103,464,014	100,802,741	317,457	957,687	1,386,129	190,839,538	87,375,524	34
														35
														36
														37
SAN FRANCISCO-OAKLAND INDUSTRIAL AREA														
166,273,326	8,313,547	24,591,766	110,964,281	18,964,347	2,874,607	564,778	600,156,725	581,212,206	7,295,332	6,114,642	5,534,545	960,636,411	360,479,686	38
19,812	9,480	900	9,432	----------	----------	----------	23,583	20,763	----------	320	2,500	37,528	13,945	39
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	40
111,203	17,400	22,457	56,521	7,594	7,231	----------	146,359	140,143	2,487	3,729	----------	335,439	189,080	41
(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	42
415,732	----------	57,010	227,972	94,841	25,889	10,020	573,874	512,677	32,792	28,405	----------	1,452,128	878,254	43
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	44
360,327	31,500	40,656	270,550	17,621	----------	----------	1,063,522	1,023,436	6,338	33,748	----------	1,655,104	591,582	45
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	46
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	----------	(5)	----------	(5)	(5)	47
33,428	----------	1,708	25,240	6,480	----------	----------	67,434	66,789	23	622	----------	141,361	73,927	48
1,162,066	54,701	90,480	834,287	167,855	14,743	----------	1,839,541	1,796,308	27,037	16,196	----------	4,831,723	2,992,182	49
(5)	----------	(5)	(5)	----------	----------	----------	(5)	(5)	----------	(5)	----------	(5)	(5)	50
4,272	----------	----------	4,272	----------	----------	----------	19,301	18,307	10	434	550	62,594	43,293	51
84,349	31,800	9,758	39,600	3,191	----------	----------	105,042	99,644	2,150	3,248	----------	223,130	118,088	52
1,486,024	50,347	289,549	673,318	443,383	----------	29,427	1,108,782	1,070,614	2,033	15,360	20,775	3,220,725	2,111,943	53
255,476	11,610	35,090	164,368	44,408	----------	----------	244,502	168,217	1,169	5,665	69,451	723,585	479,083	54
205,693	21,248	31,603	152,842	----------	----------	----------	97,072	92,636	1,863	2,161	412	413,349	316,277	55
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	56
39,562	9,592	5,070	22,422	2,478	----------	----------	135,506	134,264	----------	1,242	----------	188,003	52,497	57
6,656,610	184,402	414,694	5,226,768	719,229	59,001	52,516	10,122,455	9,785,069	178,435	158,831	120	23,207,533	13,085,078	58
191,517	8,300	10,760	130,159	41,000	----------	1,298	97,157	39,125	35,890	22,142	----------	410,684	313,527	59
10,513	----------	----------	10,513	----------	----------	----------	41,678	41,096	60	522	----------	72,335	30,657	60
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	61
1,745,149	153,260	178,498	1,108,792	286,636	----------	17,963	4,532,090	4,458,118	31,607	41,484	881	7,978,926	3,446,836	62
6,093,185	153,195	416,715	5,204,173	271,073	39,810	8,219	26,289,554	26,084,899	131,590	72,515	550	40,408,393	14,118,839	63

TABLE 9.—GENERAL STATISTICS FOR INDUSTRIAL

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS[1] Total[1]	Salaried officers of corporations[2]	Manufacturing: Salaried employees[2]	Manufacturing: Wage earners (average for year)[3]	Distribution	Construction	Other
		SAN FRANCISCO-OAKLAND INDUSTRIAL AREA—Continued									
1	1	Canned fish, crustacea, and mollusks	3		328	4	15	285	19	5	
2	4	Canvas products, except bags	6		207	10	13	78	106		
3	6	Caskets, coffins, burial cases, and other morticians' goods	11	4	149	10	21	89	29		
4	1	Cheese	7	5	60	5	7	34	14		
5	9	Chemicals not elsewhere classified	23	1	1,656	8	270	1,107	78	169	24
6	1	Chocolate and cocoa products	3		192	8	17	140	22		5
7	2	Cigars	9	12	332	4	9	307	12		
8	9	Cleaning and polishing preparations, blackings, and dressings [a]	17	11	76	7	10	37	21		1
9	4	Clothing, leather and sheep lined	3	1	186	2	7	156	21		
10	3	Cloth sponging and miscellaneous special finishing	3	8	48	4	2	39	3		
11	4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	35	48	537	7	33	458	34		5
12	9	Colors and pigments	4		118	5	22	84	7		
13	16	Communication equipment [a]	9	7	54	2	11	38	3		
14	9	Compressed and liquefied gases not made in petroleum refineries or in natural gasoline plants	10	1	217	2	21	105	88	1	
15	13	Concrete products	27	22	216	6	17	170	23		
16	7	Converted paper products not elsewhere classified	5	2	108	5	10	68	25		
17	6	Cooperage	4	1	127	2	9	111	5		
18	4	Corsets and allied garments	3		116	2	11	86	17		
19	1	Creamery butter	8	6	76	3	17	49	7		
20	1	Cured fish	5	5	10		3	7			
21	4	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	10	7	191	1	11	162	15		2
22	14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	5	7	8			8			
23	7	Die-cut paper and paperboard, and converted cardboard	5	2	111	8	7	85	9	2	
24	14	Doors, window sash, frames, molding, and trim (made of metal)	13	5	442	13	47	336	46		
25	9	Drugs and medicines (including drug grinding)	21	7	433	27	96	202	97	11	
26	15	Electroplating, plating, and polishing	16	17	107	3	11	90	2		1
27	8	Electrotyping and stereotyping, not done in printing establishments	7	2	196	5	36	137	18		
28	17	Elevators, escalators, and conveyors	9	4	208	5	40	127	36		
29	14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	4	5	396		34	350	12		
30	14	Enameling, japanning, and lacquering	6	7	64		8	56			
31	8	Engraving (steel, copperplate, and wood); plate printing	13	12	72	6	13	48	5		
32	7	Envelopes	4	2	277	6	26	205	35	5	
33	9	Explosives	5		718	4	95	586	4	29	
34	14	Fabricated structural steel and ornamental metalwork, made in plants not operated in connection with rolling mills	40	29	1,042	23	117	812	90		
35	20	Feathers plumes and artificial flowers	3	2	8		1	6	1		
36	9	Fertilizers	6	1	99	8	11	39	41		
37	3	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	4	2	76	1	6	50	19		
38	9	Fish and other marine oils, cake, and meal	25	2	291	35	43	205	8		
39	1	Flavoring extracts and flavoring sirups, not elsewhere classified	14	10	135	8	9	105	13		
40	1	Flour and other grain-mill products	3	3	140		21	40	79		
41	1	Food preparations, not elsewhere classified	53	62	502	27	46	329	100		
42	17	Food-products machinery	18	15	125	7	12	86	20		
43	14	Forgings, iron and steel—made in plants not operated in connection with rolling mills	7	9	158	4	12	128	14		
44	4	Fur coats and other fur garments, accessories, and trimmings	32	43	242	3	25	203	11		
45	20	Games and toys (except dolls and children's vehicles)	4	5	50	3	7	30	10		
46	8	General commercial (job) printing	249	263	2,343	88	308	1,677	270		
47	16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified [a]	17	9	877	15	192	611	58		1
48	14	Gray-iron and semisteel castings	21	10	1,219	18	67	1,080	50	4	
49	9	Grease and tallow (except lubricating greases)	6	5	182	8	14	157	2	1	
50	20	Hand stamps, stencils, and brands	12	14	67	3	3	51	10		
51	4	House dresses, uniforms, and aprons made in contract factories	3	4	42			42			
52	4	Housefurnishings (except curtains, draperies, and bedspreads)	5	6	49	3	2	36	8		
53	6	Household furniture, except upholstered	43	65	577	3	19	512	43		
54	1	Ice cream and ices	44	36	450	7	40	216	163	11	13
55	1	Ice, manufactured	19	8	283	9	18	86	170		
56	12	Industrial leather belting and packing leather	4	2	39	3	4	22	10		
57	17	Industrial machinery, not elsewhere classified	8	4	65	6	9	47	3		
58	9	Insecticides, fungicides, and related industrial and household chemical compounds	21	7	308	16	48	186	52	6	
59	17	Internal-combustion engines	6	1	521	11	105	361	25	19	
60	3	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	9	8	546	6	30	470	37		3
61	12	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	8	11	524	9	18	486	7	4	
62	15	Lighting fixtures	18	21	116	10	9	82	13		2
63	1	Liquors, rectified or blended	10	4	81	2	18	56	3		2
64	8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers) [b]	32	28	1,750	32	216	1,312	177	13	
65	9	Lubricating oils and greases—not made in petroleum refineries	8	7	33	2	3	11	16		1

See footnotes at end of table.

AREAS, BY INDUSTRIES: 1939—Continued

Salaries and wages: Total [2]	Salaries of officers of corporations [2]	Manufacturing: Salaries [2]	Manufacturing: Wages	Distribution	Construction	Other	Cost of materials, supplies, fuel, purchased electric energy, and contract work: Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
SAN FRANCISCO-OAKLAND INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
247,680	17,700	31,916	176,775	21,289	----------	----------	1,311,885	1,283,174	14,980	13,731	----------	2,023,518	711,633	1
345,474	58,898	25,249	89,097	172,230	----------	----------	463,948	460,196	116	3,636	----------	725,401	261,453	2
319,470	57,200	46,434	155,885	59,951	----------	----------	426,892	423,118	880	2,894	----------	915,124	488,232	3
99,713	17,700	9,228	45,951	26,834	----------	----------	340,023	333,402	2,789	3,832	----------	505,489	165,466	4
3,051,684	54,883	673,800	1,824,040	221,516	244,659	32,786	6,496,291	5,559,517	307,063	629,711	----------	15,433,884	8,937,593	5
413,599	77,609	56,391	201,111	45,326	----------	33,162	1,562,212	1,522,568	5,462	34,182	----------	2,484,518	922,306	6
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	7
93,006	7,508	18,976	39,750	26,172	----------	600	162,248	156,377	2,797	2,777	297	393,769	231,521	8
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	9
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	10
625,742	20,000	38,274	505,506	52,973	----------	8,989	1,200,551	1,157,298	671	6,343	36,239	2,241,993	1,041,442	11
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	12
68,104	3,960	15,232	45,810	3,102	----------	----------	73,185	70,855	229	2,101	----------	191,601	118,416	13
442,562	24,000	46,667	175,305	196,234	356	----------	336,707	248,304	18,426	68,920	1,057	1,177,209	840,502	14
346,335	21,351	29,255	255,266	40,463	----------	----------	1,101,575	1,084,765	3,996	12,814	----------	1,974,094	872,519	15
153,394	22,585	16,400	70,153	44,256	----------	----------	195,114	184,922	117	2,925	7,150	479,913	284,799	16
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	17
117,706	4,153	27,329	69,867	16,357	----------	----------	183,444	182,631	----------	813	----------	359,395	175,951	18
125,476	8,125	30,869	70,748	15,734	----------	----------	1,554,406	1,540,140	8,088	6,178	----------	1,865,520	311,114	19
15,364	----------	4,180	11,184	----------	----------	----------	90,494	89,727	678	89	----------	120,316	29,822	20
195,326	2,560	15,199	149,935	24,812	----------	2,820	824,081	816,462	18	3,314	4,287	1,149,057	324,976	21
8,995	----------	----------	8,995	----------	----------	----------	15,112	12,599	66	581	1,866	49,667	34,555	22
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	23
698,148	50,709	100,422	471,523	75,494	----------	----------	962,695	929,931	3,714	14,101	14,949	2,208,461	1,245,766	24
725,049	147,764	150,951	232,759	180,437	12,604	534	1,056,174	1,032,047	13,586	10,521	20	2,033,619	977,445	25
174,846	12,380	20,426	136,065	4,045	----------	1,930	64,502	52,152	2,226	8,979	1,145	386,669	322,167	26
394,787	27,667	92,436	232,796	41,888	----------	----------	109,021	85,205	3,167	6,355	14,294	696,727	587,706	27
427,916	47,194	80,480	222,109	78,133	----------	----------	581,366	573,816	759	5,484	1,307	1,176,333	594,967	28
(5)	----------	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	29
88,472	----------	16,211	72,261	----------	----------	----------	88,258	81,067	4,604	2,557	30	245,505	157,247	30
111,449	14,880	15,228	76,198	5,143	----------	----------	72,393	66,652	354	1,836	3,551	277,962	205,569	31
434,029	32,450	73,456	247,870	71,716	8,537	----------	568,909	556,638	2,259	7,127	2,885	1,196,178	627,269	32
1,232,478	38,850	251,456	877,682	7,244	57,246	----------	2,815,288	2,701,028	50,477	63,783	----------	6,808,204	3,992,916	33
1,663,714	96,071	218,186	1,167,078	182,379	----------	----------	2,986,393	2,779,247	3,702	39,769	163,675	5,315,376	2,328,983	34
7,997	----------	300	7,497	200	----------	----------	9,644	9,369	80	195	----------	24,965	15,321	35
135,627	21,042	9,248	51,726	38,916	----------	14,695	520,092	515,850	777	3,465	----------	740,223	220,131	36
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	37
478,071	159,286	64,093	249,572	5,120	----------	----------	3,236,575	3,158,112	49,718	26,745	2,000	4,917,227	1,680,652	38
206,731	18,817	24,461	140,782	22,671	----------	----------	1,048,731	1,041,529	2,583	4,619	----------	1,794,992	746,261	39
246,319	----------	31,365	71,986	142,968	----------	----------	1,575,632	1,553,095	920	21,617	----------	2,057,956	482,324	40
716,621	99,882	67,168	396,386	153,155	30	----------	1,767,888	1,738,732	17,052	12,104	----------	3,147,899	1,380,011	41
243,643	28,605	22,294	157,109	35,635	----------	----------	472,844	457,465	274	4,021	11,084	869,244	396,400	42
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	43
360,268	14,300	38,486	288,107	19,375	----------	----------	998,146	990,220	24	2,804	5,098	1,870,966	872,820	44
72,382	16,000	8,031	29,271	19,080	----------	----------	59,552	38,249	82	494	20,727	193,026	133,474	45
4,353,145	386,039	571,717	2,847,306	548,083	----------	----------	3,805,772	3,243,045	11,578	90,175	460,974	11,061,459	7,255,687	46
1,527,731	93,358	396,680	929,070	106,943	----------	1,680	3,262,081	3,192,096	5,449	31,447	33,089	6,708,156	3,446,075	47
1,949,298	102,498	161,393	1,602,180	73,997	9,230	----------	1,323,657	1,049,122	143,035	105,949	25,551	3,881,419	2,557,762	48
315,098	32,056	41,146	233,813	2,880	5,203	----------	847,209	800,372	26,865	15,922	4,050	1,493,562	646,353	49
116,567	30,710	3,512	67,301	15,044	----------	----------	98,193	95,076	455	1,826	836	280,058	181,865	50
12,155	----------	----------	12,155	----------	----------	----------	1,333	550	119	664	----------	27,365	26,032	51
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	52
761,081	4,815	28,872	657,172	70,222	----------	----------	934,300	895,833	577	17,690	20,200	2,208,667	1,274,367	53
774,223	29,375	68,750	304,280	346,007	9,621	16,190	1,988,649	1,914,918	10,749	62,982	----------	3,893,055	1,904,406	54
491,872	36,145	31,371	137,574	286,782	----------	----------	161,907	28,961	646	132,300	----------	1,044,846	882,939	55
65,983	8,814	8,400	27,197	17,860	----------	3,712	95,800	93,919	776	1,105	----------	176,232	80,432	56
125,803	33,488	19,403	69,561	3,351	----------	----------	85,962	79,544	134	2,784	3,500	261,924	175,962	57
535,257	74,713	83,867	243,142	114,738	18,797	----------	1,879,003	1,845,327	16,762	16,914	----------	3,662,093	1,783,090	58
1,016,919	67,616	215,464	660,467	52,804	20,568	----------	1,756,127	1,707,521	3,760	24,423	20,423	3,733,646	1,977,519	59
549,995	25,927	59,314	420,588	40,815	----------	3,351	864,540	849,066	3,202	7,117	5,155	2,374,543	1,510,003	60
755,889	47,131	46,372	648,670	12,516	1,200	----------	2,358,031	2,294,948	31,765	31,318	----------	3,634,601	1,276,570	61
174,833	26,428	15,822	103,340	27,600	----------	1,643	348,499	340,753	882	2,374	4,490	686,598	338,099	62
117,838	6,300	40,233	62,565	4,180	----------	4,560	385,343	371,150	3,807	10,386	----------	966,084	580,741	63
3,887,664	271,385	421,820	2,431,531	726,707	36,221	----------	3,953,259	3,560,326	7,364	64,827	320,742	9,695,357	5,742,098	64
42,830	1,320	6,910	14,439	20,057	----------	104	212,346	210,058	1,345	943	----------	317,209	104,863	65

TABLE 9.—GENERAL STATISTICS FOR INDUSTRIAL

	Industry group	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [4]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
		SAN FRANCISCO-OAKLAND INDUSTRIAL AREA Continued									
1	1	Macaroni, spaghetti, vermicelli, and noodles	21	29	288	17	24	190	54	1	2
2	8	Machine and hand typesetting (including advertisement typesetting)	23	34	156	7	19	117	13	.....	.
3	17	Machine shop products, not elsewhere classified	60	64	1,172	22	260	851	33	....	6
4	17	Machine-shop repairs	21	26	121	3	14	99	4	....	1
5	17	Machine tool and other metal working-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools [a]	17	22	77	.	4	72	1		.
6	1	Malt	3	.	56	4	7	33	9		3
7	1	Malt liquors	9	1	1,405	15	70	949	308	11	52
8	6	Mattresses and bedsprings	20	17	1,146	18	145	880	100		3
9	17	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	3		172	3	13	137	19		
10	1	Meat packing, wholesale	20	10	1,747	19	204	1,007	461	17	39
11	17	Mechanical power-transmission equipment	8	4	224	6	37	167	11		3
12	4	Men's and boys' hats and caps (except felt and straw)	6	5	54	....	6	39	9		
13	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories [a]	24	32	196	....	5	189	1		1
14	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	13	12	236	9	16	179	31		1
15	4	Men's neckwear—made in inside factories or by jobbers engaging contractors [a]	6	6	139	3	10	103	23	..	...
16	4	Millinery	19	17	448	7	30	364	45	.....	[illegible]
17	13	Minerals and earths, ground or otherwise treated	3		38	4	6	26	2	. .	
18	17	Mining machinery and equipment	5	5	92	5	11	46	14	16	.
19	6	Mirror frames and picture frames	6	5	27	..	.	22	5	....	
20	13	Mirrors and other glass products made of purchased glass [b]	17	9	97	5	11	72	9	... ..	
21	20	Miscellaneous fabricated products not elsewhere classified	9	5	58	2	11	31	14		
22	4	Miscellaneous fabricated textile products not elsewhere classified [a]	8	10	64	.....	4	57	3	. .	
23	20	Models and patterns (except paper patterns) [a]	21	26	62	.....	3	58	1		
24	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	13	13	141	10	8	95	28	..	
25	18	Motor vehicles, motor-vehicle bodies, parts and accessories	30	36	3,223	10	275	2,615	297	25	1
26	9	Mucilage, paste, and other adhesives, except glue and rubber cement	3	1	23	2	6	13	2	. .	
27	8	Newspapers: publishing and printing	73	57	4,497	58	1,715	1,749	971	4	.. .
28	8	Newspapers: publishing without printing	8	3	66	6	40	4	16	.....	....
29	1	Nonalcoholic beverages	24	13	467	18	45	141	256	. . ..	7
30	15	Nonferrous-metal foundries (except aluminum)	21	29	196	12	18	156	9	... ...	1
31	15	Nonferrous-metal products not elsewhere classified	9	9	76	2	3	64	6	1	. .
32	17	Office and store machines, not elsewhere classified	4	. . .	605	5	81	486	33		. .
33	14	Oil burners, domestic and industrial	4	4	165	5	20	96	44		
34	9	Paints, varnishes, and lacquers	44	31	1,288	29	212	840	170	34	3
35	7	Paperboard containers and boxes not elsewhere classified	21	5	1,195	31	90	971	101	2	.. ...
36	6	Partitions, shelving, cabinet work, and office and store fixtures	39	46	584	10	41	472	46	..	15
37	9	Perfumes, cosmetics, and other toilet preparations [a]	14	12	92	7	11	60	14		.
38	8	Periodicals: publishing and printing	14	6	525	24	112	240	149	..	
39	8	Periodicals: publishing without printing	74	31	446	45	261	19	121		
40	10	Petroleum refining	7	1	5,392	...	713	3,787	82	808	2
41	8	Photoengraving, not done in printing establishments (including preparation of plates)	21	26	247	8	40	153	46	.. ...	
42	20	Photographic apparatus and materials and projection equipment (except lenses)	4	1	23	2	6	15	.. ...	.. ..	....
43	1	Pickled fruits and vegetables and vegetable sauces and seasonings	11	11	409	3	36	356	14		. .
44	5	Planing mills not operated in conjunction with sawmills	79	62	1,714	36	132	1,383	137	15	11
45	1	Poultry dressing and packing, wholesale	19	45	286	6	27	217	36	. .	..
46	14	Power boilers and associated products	12	12	474	11	43	401	18	.. ...	1
47	1	Prepared feeds (including mineral) for animals and fowls	15	4	406	14	34	304	29	20	5
48	9	Printing ink	8	1	218	5	47	153	13	.....	. . .
49	17	Printing-trades machinery and equipment	7	6	39	3	7	22	7	.....	.. . . .
50	20	Professional and scientific instruments (except surgical and dental) [a]	4	1	55	2	8	28	17	... ..	. .
51	17	Pumping equipment and air compressors	18	13	302	20	48	192	41	.....	1
52	16	Radios, radio tubes, and phonographs [a]	6	1	136	7	13	87	28	1	.....
53	17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	8	6	111	7	13	65	26		..
54	10	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	4	1	418	. ..	54	340	14	8	2
55	13	Roofing tile	3	2	21	1	1	18	1	.. ..	.
56	11	Rubber products not elsewhere classified [b]	13	10	485	8	51	349	47	29	1
57	9	Salt	8	3	322	.. . ..	26	272	....	24	.. ....
58	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	49	70	488	13	35	260	170	..	10
59	14	Screw-machine products and wood screws	6	6	50	3	7	40	. ...	...	.....
60	15	Secondary smelting and refining, gold, silver, and platinum	3	3	33	3	3	24	3		.. .
61	15	Sheet-metal work not specifically classified	60	68	787	30	104	593	59	1	. ....
62	19	Shipbuilding and ship repairing	27	20	3,375	16	246	3,010	94	2	7
63	20	Signs, advertising displays, and advertising novelties	28	35	413	4	26	264	117	2	.....
64	20	Soda fountains, beer dispensing equipment, and related products	5	6	25	3	3	17	2	.....	....
65	20	Sporting and athletic goods not elsewhere classified	7	8	49	3	5	38	3	.....	.....

See footnotes at end of table.

ARE AS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
SAN FRANCISCO-OAKLAND INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
421,849	63,275	36,964	215,076	103,290	244	3,000	853,585	814,716	9,415	29,454	----------	1,529,989	676,404	1
286,076	25,551	30,873	213,743	15,909	----------	----------	64,344	45,499	862	7,274	10,709	573,501	509,157	2
2,053,057	87,959	445,522	1,446,331	66,559	----------	6,686	3,321,584	3,214,810	12,316	47,029	47,429	6,539,231	3,217,647	3
201,327	8,400	21,271	160,066	10,790	----------	800	285,450	269,956	1,025	5,214	9,255	704,513	419,063	4
115,824	----------	6,249	109,215	360	----------	----------	77,168	71,205	328	4,524	1,111	316,181	239,013	5
188,580	50,767	27,557	79,224	19,552	----------	11,480	960,817	919,617	19,115	22,085	----------	1,426,336	465,519	6
3,028,301	156,694	173,172	1,972,512	670,726	21,126	34,071	4,509,428	4,357,131	70,594	81,703	----------	13,938,049	9,428,621	7
1,769,390	84,133	283,485	1,183,608	216,364	----------	1,800	2,668,373	2,635,998	5,586	26,789	----------	5,453,745	2,785,372	8
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	9
3,365,311	133,530	506,460	1,668,790	979,034	26,406	51,091	34,303,181	33,997,846	49,735	95,161	160,439	39,179,995	4,876,814	10
389,747	38,234	64,472	260,003	23,769	----------	3,269	406,935	393,831	2,826	10,278	----------	1,019,291	612,356	11
47,279	----------	6,225	35,128	5,926	----------	----------	66,568	65,956	106	506	----------	127,050	60,482	12
212,471	----------	10,846	200,421	970	----------	234	17,310	12,480	229	2,732	1,869	321,989	304,679	13
338,729	38,350	33,577	210,420	55,432	----------	950	465,380	397,651	453	6,195	61,081	930,561	465,181	14
123,455	20,100	12,356	71,789	19,210	----------	----------	196,544	195,199	43	1,302	----------	349,172	152,628	15
551,377	22,569	40,782	387,628	98,778	----------	1,620	571,593	564,945	1,909	4,739	----------	1,404,898	833,305	16
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	17
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	18
41,637	----------	----------	33,045	8,592	----------	----------	44,714	44,252	48	414	----------	130,029	85,315	19
144,236	11,766	14,538	108,746	9,186	----------	----------	230,188	220,806	2,679	4,124	2,579	476,104	245,916	20
86,434	8,816	13,510	39,954	24,154	----------	----------	94,359	89,600	173	1,396	3,190	276,743	182,384	21
58,557	----------	6,686	48,034	3,837	----------	----------	93,234	90,620	1,293	1,321	----------	202,578	109,344	22
111,742	----------	3,870	107,592	280	----------	----------	44,553	40,720	88	3,285	460	284,870	240,317	23
235,941	21,639	15,855	149,660	48,787	----------	----------	165,935	153,586	692	10,657	1,000	584,254	418,319	24
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	25
31,095	5,968	14,230	9,493	1,404	----------	----------	24,042	23,610	128	304	----------	58,337	34,295	26
9,156,043	350,375	3,476,501	3,439,483	1,879,544	10,140	----------	4,558,362	4,221,635	16,581	116,145	204,001	19,600,313	15,041,951	27
76,361	8,980	34,856	8,118	24,407	----------	----------	71,789	7,994	69	675	63,051	153,123	81,334	28
891,192	56,670	82,883	222,955	502,403	----------	26,281	1,580,084	1,559,198	6,444	14,442	----------	3,918,219	2,338,135	29
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	30
110,405	5,700	3,030	91,336	7,811	2,528	----------	117,416	113,155	1,407	2,854	----------	280,186	162,770	31
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	32
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	33
2,496,081	128,130	480,547	1,460,181	348,278	74,046	4,899	13,160,909	13,029,610	42,241	89,058	----------	21,214,450	8,053,541	34
1,981,523	201,762	187,554	1,335,613	253,273	3,321	----------	4,770,928	4,701,829	14,465	30,850	23,784	8,717,143	3,946,215	35
880,952	85,452	79,130	617,862	93,608	----------	4,900	975,804	911,298	641	15,424	48,441	2,343,832	1,368,028	36
111,767	23,701	15,370	60,476	12,220	----------	----------	322,302	320,312	225	1,765	----------	681,023	358,721	37
997,301	166,642	192,908	438,609	199,142	----------	----------	507,202	436,991	3,169	16,331	50,711	2,168,420	1,661,218	38
814,186	173,916	441,519	19,634	179,117	----------	----------	1,057,393	242,058	1,370	377	813,588	3,025,666	1,968,273	39
10,365,664	----------	1,843,405	6,849,211	164,980	1,506,068	2,000	79,751,549	76,629,275	2,622,379	470,129	29,766	112,043,874	32,292,325	40
657,909	69,850	76,938	392,483	118,638	----------	----------	142,370	109,913	980	9,638	21,839	1,185,593	1,043,223	41
(5)	(5)	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	42
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	43
2,826,241	157,104	273,796	2,105,198	266,953	6,682	16,508	4,662,795	4,533,379	26,274	98,417	4,725	9,021,716	4,358,921	44
389,143	50,700	51,773	219,881	66,789	----------	----------	3,051,740	3,039,213	1,886	10,641	----------	3,753,970	702,230	45
755,205	43,188	93,238	579,479	38,118	1,182	----------	1,298,104	1,254,641	3,672	30,841	8,950	2,684,239	1,386,135	46
654,151	76,104	53,823	426,155	64,774	28,535	4,760	5,829,857	5,759,733	14,111	56,013	----------	7,701,243	1,871,386	47
431,891	22,907	133,169	250,526	25,289	----------	----------	1,724,079	1,688,769	16,921	18,389	----------	2,570,905	846,826	48
86,562	10,277	21,821	41,917	12,547	----------	----------	153,521	151,732	415	1,374	----------	295,848	142,327	49
99,005	12,000	11,824	41,184	33,997	----------	----------	105,660	103,777	305	1,578	----------	276,125	170,465	50
523,464	107,480	75,770	269,845	69,369	----------	1,000	1,034,522	998,940	935	8,597	26,050	2,086,029	1,051,507	51
244,565	31,782	29,405	138,330	42,708	2,340	----------	177,798	170,480	1,318	5,865	135	454,662	276,864	52
235,325	57,680	17,020	103,841	56,784	----------	----------	268,314	255,356	120	2,838	10,000	706,077	437,763	53
654,723	----------	107,197	502,403	28,279	14,824	2,020	2,620,198	2,564,557	41,768	13,873	----------	4,982,252	2,362,054	54
18,638	2,760	580	13,894	1,404	----------	----------	9,183	1,609	5,678	1,896	----------	53,951	44,768	55
819,370	65,000	116,436	463,743	120,910	50,881	2,400	1,874,221	1,754,194	29,482	90,545	----------	3,854,066	1,979,845	56
(5)	----------	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	57
819,383	55,014	68,845	394,513	287,320	----------	13,691	4,364,248	4,313,553	19,792	30,903	----------	5,826,695	1,462,447	58
67,149	7,800	7,484	51,865	----------	----------	----------	69,913	65,571	121	4,221	----------	210,018	140,105	59
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	60
1,426,996	136,955	200,560	935,114	151,787	2,580	----------	2,394,750	2,333,612	8,615	22,218	30,305	4,608,879	2,214,129	61
5,716,021	191,100	618,737	4,664,064	234,731	1,821	5,568	3,440,887	3,173,331	35,040	156,391	76,125	12,540,703	9,099,816	62
799,950	5,985	50,277	461,769	279,337	2,582	----------	493,641	472,647	2,249	14,182	4,563	1,899,000	1,405,359	63
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	64
53,064	6,592	5,214	36,426	4,832	----------	----------	61,184	57,204	12	1,076	2,892	149,959	88,775	65

TABLE 9.—GENERAL STATISTICS FOR INDUSTRIAL

	Industry group	INDUSTRY	*Number of establishments	*Proprietors and firm members	* PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
		SAN FRANCISCO-OAKLAND INDUSTRIAL AREA Continued									
1	14	Springs, steel (except wire) made in plants not operated in connection with rolling mills	4		85	7	8	51	19		
2	14	Stamped and pressed metal products (except automobile stampings)	12	8	339	17	44	241	37		
3	13	Statuary and art goods (except stone and concrete) factory production [a]	8	16	17			16	1		
4	14	Steam fittings, regardless of material	4	1	42	7	5	25	5		
5	14	Steel castings	4		363	3	36	320	4		
6	14	Steel works and rolling mills	5		3,832	4	370	3,458			
7	14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	15	9	905	17	79	762	47		
8	12	Suitcases, brief cases, bags, trunks, and other luggage	9	8	132	2	10	110	10		
9	20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	10	5	99	7	8	62	22		
10	4	Textile bags not made in textile mills	5	1	636	9	41	538	44	4	
11	14	Tin cans and other tinware not elsewhere classified	8	1	1,725		273	1,314	86	51	1
12	14	Tools (except edge tools, machine tools, files, and saws)	7	4	45	5	6	29	5		
13	6	Upholstered household furniture [a]	29	36	595	4	43	520	25		3
14	9	Vegetable and animal oils, not elsewhere classified	5		147	2	11	124	6	4	
15	6	Venetian blinds	10	5	261	10	25	183	42	1	
16	1	Vinegar and cider	3	1	16	2		11	3		
17	13	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	6	5	15		1	12	2		
18	6	Window shades	8	11	11		2	9			
19	1	Wines	9	11	33		4	25	4		
20	14	Wirework not elsewhere classified [b]	14	12	808	7	85	644	72		
21	16	Wiring devices and supplies	3	2	89	4	16	60	9		
22	4	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors	8	10	68		6	57	5		
23	4	Women's and misses' dresses (except house dresses)—made in contract factories	15	20	169			169			
24	4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	24	27	465	8	41	336	77		3
25	6	Wooden boxes except cigar boxes	12	11	247	6	18	211	11		1
26	6	Wood products not elsewhere classified	11	13	128	8	10	89	16		5
27	17	Woodworking machinery	3	2	22	1	5	16			
28	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified [c]	26	33	1,514	10	60	1,347	94		3
29	14	Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills	3	1	194	3	1	182	8		
30		Other industries [6]	534	432	23,442	292	2,504	18,786	1,536	267	57
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]									
31	1	Food and kindred products	54	31	4,127	19	430	3,351	206	93	28
32	2	Tobacco manufactures	13	13	657	7	56	561	33		
33	3	Textile-mill products and other fiber manufactures	23	9	1,426	26	67	1,274	57	2	
34	4	Apparel and other finished products made from fabrics and similar materials	65	87	1,188	25	71	994	94	2	2
35	6	Furniture and finished lumber products	17	16	335	8	33	274	19		1
36	7	Paper and allied products	12	2	1,062	11	112	907	27	5	
37	8	Printing, publishing, and allied industries	10	5	214	4	72	34	104		
38	9	Chemicals and allied products	40	14	1,445	20	159	1,054	168	43	1
39	12	Leather and leather products	21	14	466	9	29	416	12		
40	13	Stone, clay, and glass products	34	12	2,432	16	269	2,088	39	13	7
41	14	Iron and steel and their products, except machinery	47	43	2,089	39	197	1,645	208		
42	15	Nonferrous metals and their products	75	88	1,485	23	234	1,115	34	66	13
43	16	Electrical machinery	11	3	328	8	55	245	16		4
44	17	Machinery (except electrical)	38	21	1,665	40	283	1,182	142	18	
45	20	Miscellaneous industries	38	35	416	20	54	278	64		
46	18	Automobiles and automobile equipment	30	36	3,223	10	275	2,615	297	25	1
	5	Lumber and timber basic products	2	3	884	7	108	753	16		
	10	Products of petroleum and coal	2								
	11	Rubber products	1								
	19	Transportation equipment except automobiles	1								

* As the figures for number of establisments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.
[2] Figures do not include data for personnel of central-administrative offices.
[3] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.
[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

AREAS, BY INDUSTRIES: 1939—Continued

Salaries and wages: Total [2]	Salaries of officers of corporations [2]	Manufacturing: Salaries [2]	Manufacturing: Wages	Distribution	Construction	Other	Cost of materials, supplies, fuel, purchased electric energy, and contract work: Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
SAN FRANCISCO-OAKLAND INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
115,108	25,684	11,373	68,064	9,987	----	----	141,693	131,533	5,519	4,641	----	309,742	168,049	1
570,430	73,124	82,174	328,744	86,388	----	----	1,220,340	1,202,727	4,842	12,671	100	2,519,521	1,299,181	2
18,715	----	----	18,530	185	----	----	19,267	18,468	67	732	----	65,475	46,208	3
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	4
596,328	12,153	93,090	478,546	12,539	----	----	494,194	402,959	8,194	83,041	----	1,574,544	1,080,350	5
7,146,521	69,540	964,924	6,112,057	----	----	----	8,545,461	7,322,646	586,886	572,047	63,882	21,318,750	12,773,289	6
1,506,944	155,331	114,046	1,123,547	114,020	----	----	2,332,655	2,205,580	25,535	33,066	68,474	5,233,589	2,900,934	7
152,347	3,369	22,044	113,391	13,543	----	----	321,061	318,900	142	2,019	----	591,114	270,053	8
146,535	23,050	15,264	77,200	31,021	----	----	126,094	123,150	153	2,720	71	335,609	209,515	9
903,062	94,175	92,065	585,512	124,976	6,334	----	5,689,273	5,674,562	1,778	12,933	----	7,217,634	1,528,361	10
2,822,379	----	584,292	1,934,634	189,618	98,042	15,793	15,309,954	15,206,128	26,196	77,630	----	22,637,907	7,327,953	11
57,525	5,842	8,188	38,200	5,295	----	----	55,732	51,056	2,272	1,930	474	163,511	107,779	12
870,497	29,284	60,256	682,229	94,835	----	3,893	1,127,084	1,113,179	459	13,446	----	2,410,370	1,283,286	13
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	14
348,476	15,822	48,367	217,816	64,971	1,500	----	572,146	565,775	695	5,676	----	1,107,813	535,667	15
(5)	(5)	----	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	16
33,387	----	1,200	26,187	6,000	----	----	88,288	87,279	12	997	----	162,158	73,870	17
14,342	----	311	14,031	----	----	----	81,750	80,306	----	460	984	132,730	50,980	18
32,948	----	4,060	24,631	4,257	----	----	128,682	122,779	2,360	3,543	----	227,900	99,218	19
1,225,263	26,202	187,929	893,908	117,224	----	----	2,048,610	2,020,462	4,788	23,360	----	4,494,565	2,445,955	20
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	21
59,424	----	8,851	44,059	6,514	----	----	154,986	115,625	122	453	38,786	297,737	142,751	22
74,273	----	----	74,273	----	----	----	7,371	3,426	590	3,355	----	128,547	121,176	23
544,607	26,337	58,449	346,196	111,420	----	2,205	1,371,135	1,126,359	366	4,924	239,486	2,230,312	859,177	24
282,453	21,750	33,431	210,027	16,603	----	642	443,564	423,315	47	16,748	3,454	943,702	500,138	25
122,396	13,590	10,305	80,137	10,933	100	7,331	194,417	190,470	177	3,669	101	392,680	198,263	26
39,079	4,000	8,200	26,879	----	----	----	33,252	32,350	66	836	----	120,041	86,789	27
1,422,948	45,433	101,616	1,105,633	165,874	----	4,392	2,555,271	2,487,386	3,235	18,152	46,498	5,104,696	2,549,425	28
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	29
36,866,726	1,346,722	5,284,388	26,488,306	3,219,636	442,379	85,295	261,122,275	255,305,006	2,280,731	1,457,049	2,079,489	357,348,608	96,226,333	30
6,096,856	60,082	979,118	4,504,523	386,132	126,375	40,626	72,829,771	70,495,197	625,232	119,623	1,589,719	92,734,753	19,904,982	31
789,679	20,800	140,710	568,021	60,148	----	----	14,623,711	14,608,023	3,870	11,818	----	18,427,620	3,803,909	32
1,992,342	152,510	148,602	1,543,628	145,602	2,000	----	4,497,679	4,350,358	57,774	89,547	----	12,375,910	7,878,231	33
1,195,760	94,334	102,842	845,495	149,108	2,557	1,424	1,963,259	1,907,703	3,128	18,824	33,604	3,613,618	1,650,359	34
513,161	48,245	65,420	371,520	26,976	----	1,000	2,288,706	2,246,121	31,891	10,544	150	3,228,183	939,477	35
1,664,257	27,643	226,005	1,320,189	79,850	10,570	----	3,918,007	3,686,284	167,933	61,790	2,000	7,256,471	3,338,464	36
437,580	32,295	132,009	73,297	199,979	----	----	442,651	92,898	143	6,243	343,367	1,465,302	1,022,651	37
2,746,102	86,488	321,113	1,630,141	609,987	93,468	4,905	12,994,324	12,602,106	197,534	194,684	----	20,695,854	7,701,530	38
509,219	20,707	39,890	435,444	13,178	----	----	744,141	735,034	1,261	7,346	500	1,463,032	718,891	39
3,887,407	65,672	589,091	3,131,384	68,815	20,713	11,732	5,009,509	3,858,480	674,616	476,413	----	14,836,650	9,827,141	40
3,506,664	215,402	413,031	2,479,220	399,011	----	----	7,637,309	7,370,650	118,292	126,583	21,784	15,397,442	7,760,133	41
2,574,208	79,112	504,769	1,778,388	76,350	116,597	18,992	76,653,802	76,249,101	288,505	87,455	28,741	80,985,608	4,331,806	42
546,694	50,988	111,637	333,691	44,662	----	5,716	1,799,266	1,767,709	12,480	19,077	----	4,068,622	2,269,356	43
3,031,430	189,690	533,729	2,032,939	270,495	4,577	----	2,914,785	2,811,392	8,619	46,538	48,236	11,314,899	8,400,114	44
665,771	98,421	108,085	358,762	100,503	----	----	1,649,016	1,625,098	5,023	12,831	6,064	2,951,265	1,302,249	45
6,709,596	104,333	868,337	5,081,664	588,840	65,522	900	51,156,339	50,898,852	84,430	167,733	5,324	66,533,379	15,377,040	46

[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[6] For numbers of establishments and of wage earners in individual industries, see table 12.
[a], [b], and [c] To avoid disclosing exact or approximate data for individual establishments, the data for certain establishments located outside the areas have been included in the figures for the industries to which these footnotes are indexed. Data for these establishments are not, however, included in the totals for the areas.
[a] 1 establishment. [b] 2 establishments. [c] 3 establishments.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939

[This table presents for each city in the State having 100,000 or more inhabitants, separate figures for each industry for which it is possible to publish such figures without disclosing the operations of individual establishments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures are given, however, reported larger numbers of wage earners or larger values of products than some of those shown separately. No data for nonmanufacturing personnel, except salaried officers of corporations, are included in this table]

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
	LONG BEACH											
	All industries, total	199	169	80	447	2,873	$352,996	$815,421	$3,840,785	$32,351,179	$49,606,366	$17,255,187
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	21	22	1	9	154	1,554	16,210	238,867	472,804	1,013,101	540,297
1	Candy and other confectionery products	3	3			14	(4)	(4)	(4)	(4)	(4)	(4)
13	Concrete products	3	1		2	10	(4)	(4)	(4)	(4)	(4)	(4)
1	Food preparations, not elsewhere classified	5	3	1	3	20	4,800	3,871	16,864	182,435	236,679	54,244
8	General commercial (job) printing	18	15	10	8	55	15,174	7,969	69,274	108,087	303,847	195,760
6	Household furniture, except upholstered	4	6		2	28		3,848	37,470	77,291	169,173	91,882
1	Ice cream and ices	6	3	3	8	34	6,500	15,073	40,689	403,878	876,032	472,154
1	Ice, manufactured	3	1		4	11		7,144	16,560	30,152	106,408	76,256
17	Machine-shop products, not elsewhere classified	9	10	4	5	28	16,426	9,657	42,278	164,625	442,607	277,982
17	Machine-shop repairs	5	5		3	27		5,457	56,995	23,964	156,750	132,786
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	3	2	1		39	2,600		54,314	102,885	195,203	92,318
8	Newspapers, publishing and printing	5	4	3	89	111	(4)	(4)	(4)	(4)	(4)	(4)
17	Oil-field machinery and tools	4	4	3	2	48	33,600	4,583	60,079	133,444	407,468	274,024
8	Periodicals, publishing without printing	4		3	10		14,335	18,426		79,913	166,462	86,549
10	Petroleum refining	8	3	10	26	90	78,095	61,631	154,824	5,573,502	6,790,298	1,216,796
1	Pickled fruits and vegetables and vegetable sauces and seasonings	3	3	2	6	58	(4)	(4)	(4)	(4)	(4)	(4)
5	Planing mills not operated in conjunction with sawmills	6	5	2	4	56	7,413	5,463	63,056	150,545	258,431	107,886
1	Poultry dressing and packing, wholesale	3	4		1	10		240	11,028	90,315	118,838	28,523
15	Sheet-metal work not specifically classified	4	4		4	14		4,832	19,865	20,897	66,771	45,874
19	Shipbuilding and ship repairing	3		6	8	87	(4)	(4)	(4)	(4)	(4)	(4)
20	Signs, advertising displays, and advertising novelties	3	3		2	13	(4)	(4)	(4)	(4)	(4)	(4)
20	Sporting and athletic goods not elsewhere classified	3	3	2	2	14	1,000	1,396	8,600	10,810	25,587	14,777
	Other industries [5]	93	79	40	356	2,246	171,499	649,621	2,950,022	24,725,632	38,272,711	13,547,079
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]											
1	Food and kindred products	18	16	6	89	599	15,382	196,614	578,402	6,271,332	8,936,145	2,664,813
8	Printing, publishing, and allied industries	13	11	6	102	135	49,295	65,786	197,702	420,431	1,799,996	1,379,565
9	Chemicals and allied products	11	8	3	92	280	6,435	207,060	489,195	5,203,493	7,720,972	2,517,479
13	Stone, clay, and glass products	6	1	5	9	44	13,996	19,818	74,748	486,958	785,255	298,297
14	Iron and steel and their products, except machinery	7	4	7	5	121	23,433	7,107	143,957	242,822	742,762	499,940
15	Nonferrous metals and their products	4	8			8			10,685	25,267	64,194	38,927
17	Machinery (except electrical)	6	6	3	6	49	6,238	12,052	67,446	173,475	394,265	220,790
20	Miscellaneous industries	7	7	3	9	40	30,662	18,361	65,927	81,564	220,952	139,388
4	Apparel and other finished products made from fabrics and similar materials	7	7	1	5	148						
6	Furniture and finished lumber products	6	8		6	80						
19	Transportation equipment except automobiles	3		6	8	87	26,058	122,823	1,321,960	11,820,290	17,608,170	5,787,880
3	Textile-mill products and other fiber manufactures	1										
12	Leather and leather products	1	3		25	655						
16	Electrical machinery	2										
18	Automobiles and automobile equipment	1										
	LOS ANGELES											
	All industries, total	3,957	3,460	1,769	8,847	71,366	$8,823,167	$17,323,127	$86,267,447	$304,602,675	$567,554,024	$262,951,349
19	Aircraft and parts, including aircraft engines	8	3	5	24	308	27,701	52,912	460,975	169,196	947,189	777,993
15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	8	11	1	53	357	(4)	(4)	(4)	(4)	(4)	(4)
18	Automobile trailers (for attachment to passenger cars)	10	10	4	5	104	8,200	8,323	102,306	321,683	562,215	240,532
16	Batteries, storage and primary (dry and wet)	14	11	5	31	236	42,482	51,477	287,109	1,684,641	2,449,135	764,494
3	Batting, padding, and wadding; upholstery filling	7	2	2	36	201	6,060	56,633	200,780	850,941	1,303,722	452,781

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
		LOS ANGELES—Continued										
1	Biscuit, crackers, and pretzels	13	7	4	39	613	(4)	(4)	(4)	(4)	(4)	(4)
1	Blended and prepared flour made from purchased flour	5	6	-------	2	12	(4)	(4)	(4)	(4)	(4)	(4)
8	Bookbinding and related industries	28	28	11	77	315	$37,768	$128,440	$428,388	$504,062	$1,863,660	$1,359,598
8	Books: printing without publishing	18	23	6	24	130	21,224	33,955	152,918	261,299	715,051	453,752
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	194	190	35	272	4,705	238,409	475,661	6,895,768	13,210,320	29,644,395	16,434,075
20	Brooms	6	6	1	2	59	3,200	2,040	63,170	108,465	217,653	109,188
20	Buttons	5	6	-------	1	28	-------	1,300	23,591	17,641	72,258	54,617
1	Candy and other confectionery products	33	24	12	85	1,159	41,179	166,811	907,750	4,439,188	7,604,190	3,165,002
1	Canned and dried fruits and vegetables (including canned soups)	15	7	11	18	321	43,143	29,997	266,448	1,203,407	2,157,056	953,649
4	Canvas products (except bags)	9	5	5	7	50	15,940	10,505	56,464	229,633	425,138	195,505
6	Caskets, coffins, burial cases, and other morticians' goods	15	10	9	10	174	29,202	17,974	228,805	635,328	1,312,430	677,102
1	Cereal preparations	7	5	4	3	24	(4)	(4)	(4)	(4)	(4)	(4)
9	Chemicals not elsewhere classified	5	1	1	8	250	(4)	(4)	(4)	(4)	(4)	(4)
4	Children's dresses—made in inside factories or by jobbers engaging contractors [a]	5	3	6	5	173	28,500	6,335	121,976	239,047	476,456	237,409
9	Cleaning and polishing preparations, blackings, and dressings	21	15	12	25	71	37,355	37,345	64,365	574,461	1,079,264	504,803
4	Coats, suits, and skirts (except fur coats)—made in contract factories	9	15	-------	1	105	-------	2,311	84,812	88,083	270,470	182,387
4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors [b]	106	128	23	91	2,060	123,074	147,337	2,417,438	5,005,608	9,742,814	4,737,206
9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	6	2	-------	15	94	-------	39,498	137,734	312,285	1,211,588	899,303
13	Concrete products	22	15	11	18	150	46,480	43,379	175,873	349,972	989,237	639,265
17	Construction and similar machinery (except mining and oil-field machinery and tools)	5	5	1	13	53	8,649	20,402	63,928	154,906	341,733	186,827
7	Converted paper products not elsewhere classified	12	6	8	49	242	(4)	(4)	(4)	(4)	(4)	(4)
4	Corsets and allied garments	16	15	6	7	324	(4)	(4)	(4)	(4)	(4)	(4)
1	Creamery butter	7	5	-------	2	37	-------	7,976	53,905	1,035,845	1,290,034	254,189
4	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	14	14	6	21	342	35,260	33,787	270,621	924,269	1,609,412	685,143
7	Die-cut paper and paperboard, and converted cardboard	3	-------	5	11	26	(4)	(4)	(4)	(4)	(4)	(4)
14	Doors, window sash, frames, molding, and trim (made of metal)	17	13	10	12	98	(4)	(4)	(4)	(4)	(4)	(4)
9	Drugs and medicines (including drug grinding)	34	20	16	56	198	63,369	94,410	219,307	828,991	2,084,016	1,255,025
3	Dyeing and finishing cotton, rayon, silk, and linen textiles	5	1	7	5	82	(4)	(4)	(4)	(4)	(4)	(4)
16	Electrical products not elsewhere classified	4	6	-------	3	12	-------	5,662	13,758	60,776	130,875	70,099
15	Electroplating, plating, and polishing	31	37	9	23	274	39,234	27,288	359,233	189,609	935,654	746,045
8	Electrotyping and stereotyping, not done in printing establishments [a]	6	5	5	7	35	47,063	14,489	71,311	37,297	256,868	219,571
17	Elevators, escalators, and conveyors	4	3	4	13	68	26,715	24,152	114,044	261,201	582,725	321,524
4	Embroideries, other than Shiffli-machine products—contract factories [a]	10	14	-------	2	53	-------	1,570	45,238	21,969	126,786	104,817
4	Embroideries: Schiffli-machine products	6	9	-------	5	35	-------	7,072	39,191	25,272	107,470	82,198
14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	8	7	11	35	437	70,768	68,514	608,636	1,487,206	3,091,750	1,604,544
14	Enameling, japanning, and lacquering	3	2	-------	1	10	-------	2,583	11,521	17,097	46,047	28,950
8	Engraving (steel, copperplate, and wood); plate printing [c]	14	19	2	8	66	6,820	7,753	69,273	83,631	265,263	181,632
7	Envelopes	7	8	8	18	127	18,517	30,953	155,539	342,316	767,470	425,154
14	Fabricated structural steel and ornamental metal-work, made in plants not operated in connection with rolling mills	24	24	14	46	310	35,173	92,037	402,137	1,631,557	2,778,524	1,146,967
20	Feathers, plumes, and artificial flowers	6	7	-------	3	38	-------	5,065	37,678	77,037	164,929	87,892
9	Fertilizers	5	-------	3	13	44	11,725	27,645	48,666	1,297,208	1,590,953	293,745
3	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	4	1	7	5	72	(4)	(4)	(4)	(4)	(4)	(4)
1	Flavoring extracts and flavoring sirups, not elsewhere classified	24	17	15	74	212	237,595	136,151	232,489	2,799,401	8,858,294	6,058,893
1	Flour and other grain-mill products [a]	7	1	10	55	243	140,825	117,908	401,916	5,888,627	7,894,478	2,005,851
1	Food preparations, not elsewhere classified	61	56	25	50	520	112,004	71,676	459,709	4,216,362	6,260,383	2,044,021
17	Food-products machinery	11	2	19	25	164	40,269	49,723	241,570	500,054	1,110,332	610,278
12	Footwear (except rubber)	10	5	9	53	472	(4)	(4)	(4)	(4)	(4)	(4)
4	Fur coats and other fur garments, accessories, and trimmings [a]	51	59	9	11	186	37,484	17,521	275,419	733,201	1,336,040	602,839
14	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	4	3	3	1	24	14,135	899	35,659	51,852	137,011	85,159
8	General commercial (job) printing	309	301	92	263	1,881	369,964	407,698	2,647,958	4,245,611	11,391,015	7,145,404

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
		LOS ANGELES—Continued										
16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	22	16	18	172	700	$176,692	$310,703	$1,058,970	$1,925,120	$4,950,387	$3,025,267
13	Glass containers	3	..	5	100	546	28,666	235,464	827,364	1,339,597	4,423,477	3,083,880
14	Gray-iron and semisteel castings	10	7	1	35	320	2,400	70,113	380,165	450,541	1,332,481	881,940
20	Hand stamps, stencils, and brands [5]	13	11	9	3	84	21,972	6,188	116,370	108,258	432,794	324,536
14	Hardware not elsewhere classified	17	21	2	18	176	18,742	26,878	211,885	476,352	1,246,009	769,657
14	Heating and cooking apparatus, except electric, not elsewhere classified	6	9	.....	.....	28	.....	.....	36,278	97,400	177,215	79,815
4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	12	9	4	37	719	(4)	(4)	(4)	(4)	(4)	(4)
6	Household furniture, except upholstered	96	115	28	155	2,156	192,330	269,315	2,470,583	4,115,984	9,176,365	5,060,381
1	Ice cream and ices	39	19	17	52	380	77,457	106,960	477,298	3,852,380	8,087,365	4,234,985
1	Ice, manufactured	18	5	8	11	173	(4)	(4)	(4)	(4)	(4)	(4)
12	Industrial leather belting and packing leather	6	8	.....	4	20	.....	5,128	23,409	83,363	179,285	95,922
17	Industrial machinery, not elsewhere classified	10	4	7	42	117	51,732	95,898	177,664	369,726	1,032,189	662,463
9	Insecticides, fungicides, and related industrial and household chemical compounds	25	19	14	16	61	34,346	27,268	55,625	433,767	928,069	494,302
15	Jewelry (precious metals)	30	34	8	35	159	(4)	(4)	(4)	(4)	(4)	(4)
3	Knitted outerwear (except knit gloves)—contract factories	5	7	4	.....	56	5,000	.....	47,113	14,523	96,411	81,888
3	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	28	32	15	52	713	56,163	77,622	629,741	1,835,219	3,538,568	1,703,349
6	Laboratory, hospital, and other professional furniture [6]	7	10	1	9	81	5,400	16,250	89,875	303,404	520,509	217,105
12	Leather gloves and mittens	5	7	3	4	88	5,046	4,696	63,556	121,999	237,894	115,895
15	Lighting fixtures	54	57	33	49	505	117,154	92,409	544,321	1,511,956	3,183,070	1,671,114
8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	18	13	18	97	353	93,943	183,448	539,642	867,235	2,400,529	1,533,294
9	Lubricating oils and greases—not made in petroleum refineries	4	4	.....	1	9	.....	1,169	11,319	42,036	85,631	43,595
8	Machine and hand typesetting (including advertisement typesetting)	28	41	6	26	145	25,595	42,190	217,750	61,692	640,501	578,809
17	Machine-shop products, not elsewhere classified	67	57	38	105	750	155,931	195,942	1,043,868	1,426,891	4,364,494	2,937,603
17	Machine-shop repairs	29	17	6	21	247	22,381	33,034	349,615	206,287	1,017,881	811,594
17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	15	19	4	9	112	8,350	10,240	158,389	94,077	413,720	319,643
6	Mattresses and bedsprings	21	23	2	39	432	9,220	65,516	495,444	1,876,452	3,269,156	1,392,704
17	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	4	2	3	21	122	(4)	(4)	(4)	(4)	(4)	(4)
1	Meat packing, wholesale	14	12	6	165	1,614	34,573	332,566	2,279,094	34,075,631	39,600,339	5,524,708
4	Men's and boys' hats and caps (except felt and straw)	9	10	1	6	93	2,600	9,874	77,550	116,255	264,754	148,499
4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in contract factories	3	2	.....	1	60	.....	2,051	43,928	24,889	92,874	67,985
4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	17	17	14	33	695	50,837	47,386	470,386	1,191,952	2,284,977	1,093,025
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories [6]	28	38	3	7	251	7,157	14,796	248,772	68,303	475,732	407,429
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	32	24	26	108	1,464	99,049	187,003	1,624,820	2,492,059	5,274,390	2,782,331
4	Men's neckwear—made in inside factories or by jobbers engaging contractors	10	8	6	26	503	36,698	48,466	327,838	948,081	1,762,834	814,753
4	Millinery [6]	51	59	11	40	834	63,172	64,077	836,101	1,277,897	3,200,046	1,922,149
6	Mirror frames and picture frames [6]	10	10	2	9	81	3,708	11,459	89,343	117,585	341,842	224,257
13	Mirrors and other glass products made of purchased glass	21	17	10	15	179	38,847	24,217	349,473	557,821	1,261,659	703,838
20	Miscellaneous fabricated products not elsewhere classified	18	16	4	10	136	19,200	14,234	119,464	326,549	676,528	349,979
4	Miscellaneous fabricated textile products not elsewhere classified	12	9	3	8	122	11,600	8,744	138,498	237,591	541,634	304,043
20	Models and patterns (except paper patterns)	20	19	4	1	92	11,900	1,633	116,672	61,617	326,083	264,466
13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	10	7	6	7	52	17,664	11,439	65,368	116,605	286,146	169,541
18	Motor vehicles, motor-vehicle bodies, parts and accessories	30	22	28	166	1,023	(4)	(4)	(4)	(4)	(4)	(4)
9	Mucilage, paste, and other adhesives, except glue and rubber cement	4	5	.....	3	4	.....	5,866	4,330	56,862	80,725	23,863
20	Needles, pins, hooks and eyes, and slide and snap fasteners	3	.....	2	[illegible]	30	(4)	(4)	(4)	(4)	(4)	(4)
8	Newspapers: publishing and printing	34	14	23	1,556	1,869	355,843	4,146,462	3,398,095	7,067,794	25,843,705	18,775,911

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
		LOS ANGELES—Continued										
8	Newspapers: publishing without printing	29	19	4	102	70	$18,974	$125,142	$105,636	$548,306	$1,138,981	$590,675
1	Nonalcoholic beverages	28	10	28	44	381	249,135	87,427	461,579	2,927,533	8,039,917	5,112,384
15	Nonferrous-metal foundries (except aluminum)	26	20	10	29	330	30,403	58,007	398,800	786,686	1,586,529	799,843
15	Nonferrous-metal products not elsewhere classified	17	20	2	9	114	24,000	13,909	142,924	231,113	597,193	366,080
6	Office furniture	11	13	3	12	97	11,260	19,023	101,094	279,571	563,114	283,543
17	Oil-field machinery and tools	9	6	4	35	199	12,122	73,073	302,971	557,663	1,674,548	1,116,885
20	Ophthalmic goods: lenses and fittings	3	2	-------	3	16	-------	3,532	7,737	13,416	35,771	22,355
9	Paints, varnishes, and lacquers	55	23	36	149	506	185,484	274,014	680,098	6,132,464	9,749,069	3,616,605
7	Paper bags, except those made in paper mills	6	-------	2	19	133	12,000	27,927	139,207	997,712	1,494,023	496,311
7	Paperboard containers and boxes not elsewhere classified	24	12	21	45	534	111,778	103,242	540,427	1,514,074	3,079,731	1,565,657
6	Partitions, shelving, cabinet work, and office and store fixtures	37	36	18	82	803	64,690	158,181	1,184,541	1,812,637	3,966,558	2,153,921
10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	4	3	2	1	31	8,100	2,700	39,182	279,604	418,483	138,879
9	Perfumes, cosmetics, and other toilet preparations	31	18	18	62	195	(4)	(4)	(4)	(4)	(4)	(4)
8	Periodicals: publishing and printing [a]	16	8	7	121	292	25,259	308,412	490,815	675,851	2,742,073	2,066,222
8	Periodicals: publishing without printing	82	53	32	238	15	123,293	382,252	20,524	932,921	2,861,582	1,928,661
10	Petroleum refining	7	-------	5	7	454	20,890	15,731	779,784	18,018,802	20,334,555	2,315,753
8	Photoengraving, not done in printing establishments (including preparation of plates)	22	22	25	40	242	119,335	73,809	481,965	241,157	1,485,616	1,244,459
20	Photographic apparatus and materials and projection equipment (except lenses)	16	17	3	24	159	28,756	55,243	219,618	368,425	1,015,194	646,769
1	Pickled fruits and vegetables and vegetable sauces and seasonings	12	16	3	11	148	15,684	12,403	128,901	881,240	1,228,264	347,024
5	Planing mills not operated in conjunction with sawmills	57	30	32	61	1,220	166,711	123,307	1,801,475	6,485,995	10,565,600	4,079,605
13	Pottery products not elsewhere classified	8	5	1	30	441	(4)	(4)	(4)	(4)	(4)	(4)
1	Poultry dressing and packing, wholesale	12	12	3	20	205	20,432	26,637	167,531	2,516,737	3,189,368	672,631
14	Power boilers and associated products	11	7	11	27	168	50,815	46,945	217,053	570,470	1,073,371	502,901
1	Prepared feeds (including mineral) for animals and fowls	18	4	4	21	281	14,867	36,378	409,204	5,420,118	7,698,878	2,278,760
1	Preserves, jams, jellies, and fruit butters	14	9	6	16	155	30,629	22,794	142,290	1,162,333	1,764,575	602,242
9	Printing ink	3	1	3	3	12	17,517	12,801	12,967	109,448	250,191	140,743
20	Professional and scientific instruments (except surgical and dental)	4	2	-------	6	24	-------	9,504	27,013	48,736	97,523	48,787
6	Public-building furniture	5	3	2	5	39	5,000	8,325	38,662	64,975	198,786	133,811
17	Pumping equipment and air compressors	16	8	14	56	171	48,290	99,851	238,990	956,354	1,773,108	816,754
16	Radios, radio tubes, and phonographs [b]	26	13	21	88	532	91,313	140,637	606,103	2,957,627	5,080,111	2,122,484
17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	18	10	18	71	472	135,799	130,679	573,885	1,819,996	3,441,481	1,621,485
10	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	5	3	5	9	99	(4)	(4)	(4)	(4)	(4)	(4)
11	Rubber products not elsewhere classified	31	27	30	94	688	151,510	158,948	748,633	1,928,945	4,678,605	2,749,660
12	Saddlery, harness, and whips	5	5	3	3	37	6,200	6,225	53,407	63,289	157,349	94,060
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	15	19	4	18	98	13,180	28,088	130,457	1,559,821	1,959,697	399,876
14	Screw-machine products and wood screws	9	7	8	14	288	54,495	19,915	404,565	527,482	1,282,499	755,017
15	Sheet-metal work not specifically classified	64	63	23	77	785	77,274	140,592	1,013,462	1,973,169	4,230,054	2,256,885
19	Shipbuilding and ship repairing	9	-------	-------	22	663	(4)	(4)	(4)	(4)	(4)	(4)
20	Signs, advertising displays, and advertising novelties	51	45	17	68	502	67,834	127,415	806,547	858,805	2,762,018	1,903,213
9	Soap and glycerin	16	6	21	68	313	67,095	126,688	437,910	3,787,407	7,106,965	3,319,558
20	Soda fountains, beer dispensing equipment, and related products	3	2	-------	8	34	(4)	(4)	(4)	(4)	(4)	(4)
20	Sporting and athletic goods not elsewhere classified [a]	13	14	3	8	51	9,131	12,327	48,081	124,291	305,520	181,229
14	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	3	2	2	7	53	(4)	(4)	(4)	(4)	(4)	(4)
14	Stamped and pressed metal products (except automobile stampings)	19	19	10	66	422	(4)	(4)	(4)	(4)	(4)	(4)
13	Statuary and art goods (except stone and concrete)—factory production	6	5	5	1	33	6,600	1,059	30,758	16,048	95,939	79,891
14	Steam fittings, regardless of material	6	2	6	13	74	(4)	(4)	(4)	(4)	(4)	(4)
14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	26	21	20	65	891	80,388	105,514	847,923	2,478,350	5,167,283	2,688,933
12	Suitcases, brief cases, bags, trunks, and other luggage	14	17	7	17	131	20,113	25,121	122,283	259,365	537,126	277,761
20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	12	11	4	7	47	10,849	8,369	64,676	49,812	209,451	159,639
14	Tools (except edge tools, machine tools, files, and saws) [b]	12	13	6	24	181	25,487	57,563	253,808	324,573	1,190,311	865,738

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
	LOS ANGELES—Continued											
4	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories	6	5	1	2	95	(4)	(4)	(4)	(4)	(4)	(4)
4	Trousers, separate, wash suits, and washable service apparel	8	11		16	233		$26,172	$148,246	$671,872	$1,149,774	$477,902
6	Upholstered household furniture	42	51	20	106	1,274	$108,855	179,163	1,440,009	3,136,895	6,024,690	2,887,795
6	Venetian blinds	35	37	11	54	475	55,525	61,893	553,464	1,467,924	2,770,546	1,302,622
13	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	7	2	5	6	13	8,869	9,755	20,768	183,714	313,808	130,094
6	Window and door screens and weather strip	7	7	4		34	(4)	(4)	(4)	(4)	(4)	(4)
6	Window shades	9	2	2	18	82	15,600	22,464	91,667	460,704	721,336	260,632
1	Wines	7	7	2	8	36	9,400	15,382	34,827	228,161	555,674	327,513
14	Wirework not elsewhere classified	34	39	13	54	539	57,603	94,285	558,189	1,584,869	3,188,359	1,603,490
4	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors	11	11	4	25	519	19,600	40,920	402,811	954,794	1,882,036	927,242
4	Women's and misses' clothing, not elsewhere classified—made in contract factories [6]	11	13		1	169		1,599	97,422	10,066	197,088	187,022
4	Women's and misses' clothing not elsewhere classified—made in inside factories or by jobbers engaging contractors	61	68	15	85	1,550	(4)	(4)	(4)	(4)	(4)	(4)
4	Women's and misses' dresses (except house dresses)—made in contract factories	12	13	1		184	1,843		133,750	243,395	474,785	231,390
4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	57	66	13	110	2,038	80,340	205,774	1,818,165	3,358,277	7,359,008	4,000,731
6	Wooden boxes except cigar boxes	14	12	4	31	264	36,720	36,640	315,776	836,800	1,456,815	620,015
6	Wood products not elsewhere classified	19	28	3	18	119	6,800	22,513	108,034	260,248	612,509	352,261
4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified [6]	16	15	5	20	825	39,983	64,807	739,576	1,468,899	3,047,308	1,578,409
16	X-ray and therapeutic apparatus and electronic tubes	12	12	10	19	50	(4)	(4)	(4)	(4)	(4)	(4)
	Other industries [5]	830	641	463	2,098	21,182	2,254,534	3,929,572	24,597,860	89,678,096	162,214,106	72,536,010
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	103	52	69	283	3,987	346,370	601,129	4,067,899	17,218,903	33,982,393	16,763,490
3	Textile-mill products and other fiber manufactures	33	8	41	55	1,112	195,752	132,406	1,205,432	2,434,913	4,946,038	2,511,125
4	Apparel and other finished products made from fabrics and similar materials	200	213	60	271	4,691	341,685	377,791	4,007,871	11,352,504	21,069,112	9,716,608
6	Furniture and finished lumber products	12	11	5	12	138	22,761	21,855	156,598	1,120,543	1,639,957	519,414
7	Paper and allied products	19	6	20	84	530	82,369	161,805	668,308	2,967,992	5,602,002	2,634,010
8	Printing, publishing, and allied industries	25	15	18	116	368	93,359	138,127	473,501	910,541	2,734,258	1,823,717
9	Chemicals and allied products	43	23	26	97	602	239,942	188,785	718,614	5,392,072	8,649,600	3,257,528
13	Stone, clay, and glass products	36	20	15	130	1,555	70,196	255,376	1,989,271	3,402,805	8,475,066	5,072,261
14	Iron and steel and their products, except machinery	69	52	46	192	1,491	185,770	346,709	1,941,483	6,253,153	11,285,238	5,032,085
15	Nonferrous metals and their products	51	50	20	126	880	77,563	223,751	1,300,234	3,851,623	7,601,710	3,750,087
16	Electrical machinery	35	30	18	63	350	69,841	110,563	363,780	859,452	2,307,886	1,448,434
17	Machinery (except electrical)	47	31	32	191	612	179,289	363,293	905,536	1,514,604	4,433,362	2,918,758
19	Transportation equipment except automobiles	12	3		26	1,143		64,701	1,846,704	1,790,176	4,718,370	2,928,194
20	Miscellaneous industries	80	70	46	92	757	105,863	135,029	837,962	1,839,051	4,229,142	2,390,091
2	Tobacco manufactures	7	8		4	394						
12	Leather and leather products	22	24	14	65	601	243,774	808,252	4,114,667	28,769,764	40,539,972	11,770,208
18	Automobiles and automobile equipment	30	22	28	166	1,023						
10	Products of petroleum and coal	5	3	5	125	948						
11	Rubber products	1										
	OAKLAND											
	All industries, total	599	524	308	2,124	16,065	$1,620,930	$4,171,546	$22,583,726	$102,324,716	$170,607,649	$68,282,933
16	Batteries, storage and primary (dry and wet)	3	1	1	10	131	(4)	(4)	(4)	(4)	(4)	(4)
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	84	103	8	26	600	61,980	63,368	1,018,767	2,382,925	4,939,889	2,556,964
1	Candy and other confectionery products	9	6	7	35	247	45,399	42,686	231,620	1,195,713	2,081,292	885,579
1	Canned and dried fruits and vegetables (including canned soups)	11		16	104	2,016	102,695	166,828	2,166,955	13,781,402	19,624,765	5,843,363
6	Caskets, coffins, burial cases, and other morticians' goods	4	3	2	6	26	8,600	12,767	45,462	129,348	286,427	157,079

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations[1]	*Salaried employees[1]	*Wage earners (average for year)[2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
		OAKLAND—Continued										
9	Cleaning and polishing preparations, blackings, and dressings	5	2	4	5	20	(4)	(4)	(4)	(4)	(4)	(4)
9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	3	1	-------	5	20	(4)	(4)	(4)	(4)	(4)	(4)
13	Concrete products	7	4	1	5	29	$2,700	$9,043	$44,835	$91,847	$247,456	$155,609
15	Electroplating, plating, and polishing	4	4	2	1	20	7,700	950	31,326	11,210	85,727	74,517
14	Fabricated structural steel and ornamental metalwork, made in plants not operated in connection with rolling mills	7	10	2	46	244	(4)	(4)	(4)	(4)	(4)	(4)
1	Flavoring extracts and flavoring sirups, not elsewhere classified	4	5	-------	-------	6	-------	-------	9,395	44,520	92,989	48,469
1	Food preparations, not elsewhere classified	15	16	11	16	130	36,830	25,635	195,104	657,715	1,264,671	606,956
17	Food-products machinery	3	4	-------	1	7	(4)	(4)	(4)	(4)	(4)	(4)
8	General commercial (job) printing	33	41	8	43	183	44,037	51,533	238,329	474,023	1,221,726	747,703
16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	4	4	-------	50	121	(4)	(4)	(4)	(4)	(4)	(4)
14	Gray-iron and semisteel castings	9	4	12	38	625	78,805	87,808	904,671	806,502	2,182,606	1,376,104
6	Household furniture, except upholstered	15	23	-------	3	236	-------	4,795	296,090	385,892	925,611	539,719
1	Ice cream and ices	14	11	-------	24	84	-------	35,349	127,327	842,153	1,644,207	802,054
1	Ice, manufactured	4	1	1	3	25	1,750	6,336	29,190	48,928	419,482	370,554
9	Insecticides, fungicides, and related industrial and household chemical compounds	3	2	3	7	13	(4)	(4)	(4)	(4)	(4)	(4)
12	Leather gloves and mittens	3	2	2	-------	22	6,000	-------	15,733	35,297	71,716	36,419
9	Lubricating oils and greases—not made in petroleum refineries	4	5	2	3	6	(4)	(4)	(4)	(4)	(4)	(4)
8	Machine and hand typesetting (including advertisement typesetting)	3	4	2	1	3	6,000	1,200	6,409	3,200	37,709	34,509
17	Machine-shop products, not elsewhere classified	18	16	8	218	619	42,114	378,446	1,026,990	2,615,592	4,920,904	2,305,312
17	Machine-shop repairs	3	6	-------	5	41	(4)	(4)	(4)	(4)	(4)	(4)
17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	5	8	-------	-------	16	-------	-------	18,745	17,270	59,780	42,510
13	Mirrors and other glass products made of purchased glass	5	2	2	-------	29	(4)	(4)	(4)	(4)	(4)	(4)
20	Models and patterns (except paper patterns)	4	4	-------	-------	12	-------	-------	21,833	6,165	49,785	43,620
18	Motor vehicles, motor-vehicle bodies, parts and accessories	9	8	2	196	1,525	(4)	(4)	(4)	(4)	(4)	(4)
8	Newspapers: publishing and printing	7	8	10	340	341	(4)	(4)	(4)	(4)	(4)	(4)
1	Nonalcoholic beverages	9	2	7	22	52	(4)	(4)	(4)	(4)	(4)	(4)
15	Nonferrous-metal foundries (except aluminum)	5	6	5	4	42	21,516	8,448	63,139	116,648	248,948	132,300
9	Paints, varnishes, and lacquers	9	5	6	13	77	31,845	30,220	138,372	1,583,050	2,451,170	868,120
6	Partitions, shelving, cabinet work, and office and store fixtures	9	11	3	6	95	33,240	7,200	106,953	180,194	453,618	273,424
8	Periodicals: publishing and printing	4	3	2	10	25	9,600	15,686	46,558	26,332	170,827	144,495
1	Pickled fruits and vegetables and vegetable sauces and seasonings	3	4	-------	2	22	(4)	(4)	(4)	(4)	(4)	(4)
5	Planing mills not operated in conjunction with sawmills	22	15	17	37	446	68,505	66,586	669,463	1,877,253	3,521,263	1,644,010
1	Poultry dressing and packing, wholesale	6	10	-------	8	80	-------	9,003	82,833	956,569	1,147,103	190,534
14	Power boilers and associated products	3	4	3	12	63	12,300	22,568	107,785	228,954	503,908	274,954
1	Prepared feeds (including mineral) for animals and fowls	5	-------	6	20	249	(4)	(4)	(4)	(4)	(4)	(4)
17	Pumping equipment and air compressors	6	7	5	7	69	20,478	12,778	108,142	201,207	479,657	278,450
1	Salad dressings	3	4	-------	1	11	(4)	(4)	(4)	(4)	(4)	(4)
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	8	6	5	7	45	(4)	(4)	(4)	(4)	(4)	(4)
15	Sheet-metal work not specifically classified	12	15	4	6	70	(4)	(4)	(4)	(4)	(4)	(4)
19	Shipbuilding and ship repairing	5	2	8	80	1,693	(4)	(4)	(4)	(4)	(4)	(4)
20	Signs, advertising displays, and advertising novelties	6	8	-------	6	118	(4)	(4)	(4)	(4)	(4)	(4)
14	Stamped and pressed metal products (except automobile stampings)	4	2	5	7	34	(4)	(4)	(4)	(4)	(4)	(4)
14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	6	2	11	18	161	61,801	32,566	268,557	531,698	1,189,103	657,405
4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not not elsewhere classified	4	3	1	10	295	6,183	15,482	194,043	484,989	784,731	299,742

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
	OAKLAND—Continued											
	Other industries [5]	279	203	175	1,476	9,811	$910,852	$3,064,265	$14,369,100	$72,608,120	$119,500,579	$46,892,459
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	43	25	29	136	1,004	185,585	274,825	1,535,229	9,402,847	16,031,299	6,628,452
4	Apparel and other finished products made from fabrics and similar materials	14	11	9	19	163	25,072	25,235	130,152	431,168	771,587	340,419
6	Furniture and finished lumber products	19	15	20	29	331	65,366	52,868	385,106	1,795,639	2,634,430	838,791
8	Printing, publishing, and allied industries	23	22	21	373	474	142,900	719,202	977,272	1,189,968	5,090,459	3,900,491
9	Chemicals and allied products	28	13	15	48	269	31,160	98,763	383,946	6,837,947	8,682,061	1,844,114
12	Leather and leather products	3	2	...	.....	25	.....	.....	13,452	23,336	40,159	16,823
14	Iron and steel and their products, except machinery	33	26	18	196	1,372	60,404	407,296	1,953,413	8,162,728	13,963,623	5,800,895
15	Nonferrous metals and their products	22	26	7	12	113	22,355	14,361	183,442	345,699	753,639	407,940
16	Electrical machinery	15	11	5	82	343	20,568	169,020	498,988	2,185,177	5,272,108	3,086,931
17	Machinery (except electrical)	19	19	14	65	355	71,125	112,455	596,273	1,358,230	3,418,126	2,059,896
20	Miscellaneous industries	17	17	4	18	176	10,437	35,883	286,806	279,022	1,301,367	1,022,345
3	Textile-mill products and other fiber manufactures	6	2	7	22	405						
7	Paper and allied products	7	.....	8	30	310						
13	Stone, clay, and glass products	11	4	2	130	886						
18	Automobiles and automobile equipment	9	8	2	196	1,525	275,880	1,154,357	7,425,021	40,596,359	61,541,721	20,945,362
19	Transportation equipment except automobiles	5	2	8	80	1,693						
2	Tobacco manufactures	1										
10	Products of petroleum and coal	1	..	6	40	367						
11	Rubber products	3										
	SACRAMENTO											
	All industries, total	172	174	41	446	3,646	$274,465	$934,987	$4,773,698	$18,906,867	$33,502,954	$14,596,087
8	Bookbinding and related industries	3	3	.	3	13	.....	5,045	14,562	21,979	60,722	38,743
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	34	47	3	30	404	24,780	70,580	770,937	1,427,239	3,380,832	1,953,593
1	Canned and dried fruits and vegetables (including canned soups)	4	...	1	59	1,553	(4)	(4)	(4)	(4)	(4)	(4)
8	General commercial (job) printing	12	18	3	6	58	26,349	11,215	101,240	98,510	368,817	270,307
1	Ice cream and ices	6	5	5	5	26	14,400	7,575	31,551	364,343	704,110	339,767
1	Ice, manufactured	5	.. .	4	2	27	12,774	4,219	42,514	52,936	276,044	223,108
17	Machine-shop products, not elsewhere classified	5	10	.....	3	25	.	2,580	46,816	54,679	156,538	101,859
17	Machine-shop repairs	4	7	.....	2	12	.	1,866	20,910	28,040	84,097	56,057
6	Mattresses and bedsprings	3	1	.....	1	19	(4)	(4)	(4)	(4)	(4)	(4)
8	Newspapers: publishing and printing	4	2	5	194	160	(4)	(4)	(4)	(4)	(4)	(4)
1	Nonalcoholic beverages	12	9	1	7	47	2,482	12,459	52,918	371,235	890,246	519,011
5	Planing mills not operated in conjunction with sawmills	8	15	...	13	110	.....	21,354	181,437	468,239	904,875	436,636
1	Prepared feeds (including mineral) for animals and fowls	3	1	..	2	25	.....	4,500	36,729	414,597	576,808	162,211
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	6	8	4	4	90	10,400	9,591	156,960	1,394,073	1,777,995	383,922
15	Sheet-metal work not specifically classified	3	3	....	1	25	.....	3,016	25,172	55,021	116,852	61,831
	Other industries [5]	71	48	21	368	2,783	183,280	780,987	3,291,952	14,155,976	24,205,018	10,049,042
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	18	8	6	93	1,737	30,700	164,889	1,835,495	8,093,411	13,251,836	5,158,425
6	Furniture and finished lumber products	11	4	5	13	219	27,820	27,456	244,703	648,030	1,087,506	439,476
8	Printing, publishing, and allied industries	13	15	5	201	177	96,760	449,341	314,870	368,242	2,494,575	2,126,333
14	Iron and steel and their products, except machinery	10	6	4	44	442	18,000	97,673	616,577	3,609,520	5,290,227	1,680,707
20	Miscellaneous industries	4	6	.... ..	2	11	.. . . ..	4,340	21,098	27,178	113,278	86,100
9	Chemicals and allied products	3	1	.....	1	7						
13	Stone, clay, and glass products	3	1	.....	7	36						
4	Apparel and other finished products made from fabrics and similar materials	2										
7	Paper and allied products	1										
12	Leather and leather products	1					10,000	37,288	259,209	1,409,595	1,967,596	558,001
15	Nonferrous metals and their products	1	7	1	7	154						
16	Electrical machinery	1										
17	Machinery (except electrical)	1										
18	Automobiles and automobile equipment	2										

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
	SAN DIEGO											
	All industries, total	214	210	99	1,137	5,625	$482,114	$2,213,464	$7,020,336	$17,766,348	$37,859,241	$20,092,893
8	Bookbinding and related industries	3	5		2	11		2,431	11,276	12,289	45,694	33,405
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	41	42	4	33	392	34,300	67,368	585,548	1,171,470	2,589,915	1,418,445
1	Candy and other confectionery products	5	5		3	46	(4)	(4)	(4)	(4)	(4)	(4)
1	Canned and dried fruits and vegetables (including canned soups)	3	4	3	12	138	(4)	(4)	(4)	(4)	(4)	(4)
1	Canned fish, crustacea, and mollusks	5		7	55	1,580	41,050	93,197	990,765	6,771,319	10,226,159	3,454,840
13	Concrete products	6	3	1	1	14	3,255	1,316	21,386	99,929	199,932	100,003
1	Food preparations, not elsewhere classified	3	6		1	18	(4)	(4)	(4)	(4)	(4)	(4)
8	General commercial (job) printing	17	17	10	11	85	29,030	15,576	99,194	160,103	447,806	287,703
1	Ice cream and ices	4	1	4	9	42	12,780	12,527	58,459	489,279	928,313	439,034
1	Ice, manufactured	4			3	26	(4)	(4)	(4)	(4)	(4)	(4)
17	Machine-shop repairs	3	3		1	10		1,024	12,126	5,904	30,971	25,067
13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	4	5	2	4	99	(4)	(4)	(4)	(4)	(4)	(4)
8	Newspapers: publishing and printing	7	5	6	222	240	(4)	(4)	(4)	(4)	(4)	(4)
1	Nonalcoholic beverages	8	9	6	15	38	29,482	24,536	57,539	330,161	895,388	565,227
8	Periodicals: publishing without printing	5	4		7			6,717		26,970	51,364	24,394
5	Planing mills not operated in conjunction with sawmills	8	4	1	12	99		22,840	163,236	270,410	572,152	301,742
1	Poultry dressing and packing, wholesale	6	11		2	22		1,320	19,596	239,526	302,060	62,534
15	Sheet-metal work not specifically classified	3	4		1	15		616	24,795	38,617	81,918	43,301
19	Shipbuilding and ship repairing	4	4	2	8	162	(4)	(4)	(4)	(4)	(4)	(4)
20	Signs, advertising displays, and advertising novelties	3	3	1	4	31	3,380	5,313	32,475	21,905	100,677	78,772
	Other industries [5]	102	104	65	984	3,289	328,837	1,958,683	4,943,941	8,128,466	21,386,892	13,258,426
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	25	22	15	62	536	71,242	109,465	673,684	3,858,973	6,208,885	2,349,912
4	Apparel and other finished products made from fabrics and similar materials	5	9		5	88		7,106	73,090	275,695	423,541	147,846
6	Furniture and finished lumber products	12	13		4	78		6,114	107,392	407,395	636,851	229,456
9	Chemicals and allied products	7	6	3	7	56	10,538	12,933	80,801	501,842	765,241	263,399
13	Stone, clay, and glass products	8	11	3	5	123	11,600	9,665	146,935	150,180	501,934	351,754
14	Iron and steel and their products, except machinery	4	3	6	16	102	11,300	32,153	159,962	328,909	641,687	312,778
15	Nonferrous metals and their products	4	6		1	11		216	14,517	10,049	42,447	32,398
20	Miscellaneous industries	6	7	2	4	15	3,580	5,138	15,557	63,120	122,980	59,860
8	Printing, publishing, and allied industries	14	14	7	232	266						
19	Transportation equipment except automobiles	9	6	20	628	1,846						
5	Lumber and timber basic products	1		2	14							
7	Paper and allied products	1		3	1		220,577	1,775,893	3,672,003	2,532,303	12,043,326	9,511,023
11	Rubber products	1	2			168						
16	Electrical machinery	2	3									
17	Machinery (except electrical)	2	1	4	5							
18	Automobiles and automobile equipment	1	1									
	SAN FRANCISCO											
	All industries, total	2,172	2,120	1,003	5,574	31,788	$4,968,238	$11,097,207	$44,723,211	$174,783,186	$313,252,639	$138,469,453
16	Batteries, storage and primary (dry and wet)	7	3	7	13	60	29,880	20,195	85,476	371,699	537,602	165,903
20	Beauty-shop and barber-shop equipment	3	2	2	11	20	(4)	(4)	(4)	(4)	(4)	(4)
4	Belts (apparel), regardless of material	3	5		3	23		1,708	25,240	67,434	141,361	73,927
1	Biscuit, crackers, and pretzels	8	11	2	15	278	(4)	(4)	(4)	(4)	(4)	(4)
14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	3		4	6	41	31,800	9,758	39,600	105,042	223,130	118,088
8	Bookbinding and related industries	21	20	13	33	214	(4)	(4)	(4)	(4)	(4)	(4)
8	Books: printing without publishing	10	11	1	12	77	1,410	18,683	130,282	179,692	515,389	335,697
8	Books: publishing without printing	7	2	3	67	1	(4)	(4)	(4)	(4)	(4)	(4)
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	201	273	21	142	1,994	108,022	311,033	3,524,338	6,299,392	14,947,767	8,648,375
20	Brooms	4	21			16			10,513	41,678	72,335	30,657
1	Candy and other confectionery products	40	23	18	61	1,127	(4)	(4)	(4)	(4)	(4)	(4)
1	Canned and dried fruits and vegetables (including canned soups)	10	9	4	31	744	22,773	52,066	764,602	3,107,828	4,187,857	1,080,029
6	Caskets, coffins, burial cases, and other morticians' goods	7	1	8	15	63	48,600	33,667	110,423	297,544	628,697	331,153
9	Chemicals not elsewhere classified	6		1	12	100	(4)	(4)	(4)	(4)	(4)	(4)
1	Chocolate and cocoa products	3		8	17	140	77,609	56,391	201,111	1,562,212	2,484,518	922,306

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
	SAN FRANCISCO—Continued											
1	Cleaning and polishing preparations, blacking, and dressings	8	6	3	4	12	$3,480	$6,879	$11,431	$62,873	$121,437	$58,564
4	Clothing, leather and sheep-lined	3	1	2	7	156	(4)	(4)	(4)	(4)	(4)	(4)
4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors [5]	35	48	7	33	458	20,000	38,274	505,506	1,200,551	2,241,993	1,041,442
16	Communication equipment	3	1		8	16	..	10,224	23,831	29,094	93,748	64,654
9	Compressed and liquefied gases—not made in petroleum refineries or in natural gasoline plants	3	...	2	7	32	24,000	14,893	49,001	63,173	296,699	233,526
13	Concrete products	13	14	3	10	109	12,951	16,053	159,978	675,813	1,203,733	527,920
7	Converted paper products not elsewhere classified	5	2	5	10	68	22,585	16,400	70,153	195,114	479,913	284,799
6	Cooperage	4	1	2	9	111	(4)	(4)	(4)	(4)	(4)	(4)
4	Corsets and allied garments	3		2	11	86	4,153	27,329	69,867	183,444	359,395	175,951
1	Creamery butter	5	5	2	3	16	2,400	5,119	21,206	603,389	744,642	141,253
1	Cured fish [6]	5	5		3	7		4,180	11,184	90,494	120,316	29,822
4	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors [5]	10	7	1	11	162	2,560	15,199	149,935	824,081	1,149,057	324,976
7	Die-cut paper and paperboard, and converted cardboard	5	2	8	7	85	(4)	(4)	(4)	(4)	(4)	(4)
14	Doors, window sash, frames, molding, and trim (made of metal)	9	4	11	40	289	(4)	(4)	(4)	(4)	(4)	(4)
9	Drugs and medicines (including drug grinding)	16	7	14	17	90	50,342	30,894	122,395	414,479	940,558	526,079
15	Electroplating, plating, and polishing	12	13	1	10	69	4,680	19,476	104,739	53,292	300,942	247,650
8	Electrotyping and stereotyping, not done in printing establishments [6]	7	2	5	36	137	27,667	92,436	232,796	109,021	696,727	587,706
17	Elevators, escalators, and conveyors [6]	9	4	5	40	127	47,194	80,480	222,109	581,366	1,176,333	594,967
8	Engraving (steel, copperplate, and wood), plate printing	10	9	6	9	34	14,880	11,616	55,063	36,626	171,671	135,045
7	Envelopes	4	2	6	26	205	32,450	73,456	247,870	568,909	1,196,178	627,269
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	29	17	19	43	309	80,307	95,740	445,233	1,366,189	2,531,472	1,165,283
1	Flavoring extracts and flavoring sirups, not elsewhere classified	10	5	8	9	98	18,817	24,461	131,387	1,004,211	1,702,003	697,792
1	Food preparations, not elsewhere classified	34	40	15	27	191	60,399	36,901	191,614	969,498	1,681,040	711,542
17	Food-products machinery	12	10	5	6	55	19,200	12,673	107,003	290,500	521,792	231,292
4	Fur coats and other fur garments, accessories, and trimmings	32	43	3	25	203	14,300	38,486	288,107	998,146	1,870,966	872,820
8	General commercial (job) printing	193	197	72	229	1,343	304,802	455,853	2,331,185	3,014,144	8,629,299	5,615,155
16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	9	4	11	102	226	75,058	193,553	351,591	977,966	2,206,518	1,228,552
9	Glue and gelatin	4	.....	2	9	21	(4)	(4)	(4)	(4)	(4)	(4)
14	Gray-iron and semisteel castings	6	3	4	18	283	16,693	43,283	443,388	304,520	1,055,528	751,008
20	Hand stamps, stencils, and brands [6]	12	14	3	3	51	30,710	3,512	67,301	98,193	280,058	181,865
14	Hardware not elsewhere classified	5	6	5	40	277	(4)	(4)	(4)	(4)	(4)	(4)
4	House dresses, uniforms, and aprons—made in contract factories	3	4	.....	.....	42	..	..	12,155	1,333	27,365	26,032
6	Household furniture, except upholstered	19	28	1	9	180	544	12,481	239,583	385,158	867,409	482,251
1	Ice cream and ices	19	13	6	12	113	21,575	26,075	149,915	957,442	1,894,219	936,777
1	Ice, manufactured	4	.....	7	4	35	31,705	6,205	63,552	61,598	267,610	206,012
17	Industrial machinery, not elsewhere classified	5	3	3	3	26	(4)	(4)	(4)	(4)	(4)	(4)
9	Insecticides, fungicides, and related industrial and household chemical compounds	12	5	6	6	38	25,760	9,816	42,704	142,648	378,048	235,400
15	Jewelry (precious metals)	30	38	3	33	190	11,960	39,992	372,964	426,057	1,031,092	605,035
3	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors [5]	9	8	6	30	470	25,927	59,314	420,588	864,540	2,374,543	1,510,003
12	Leather gloves and mittens	3	2	3		26	5,357	...	26,491	49,470	91,838	42,368
12	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	5	8	5	10	257	25,225	20,525	337,517	1,495,009	2,114,512	619,503
15	Lighting fixtures [6]	18	21	10	9	82	26,428	15,822	103,340	348,499	686,598	338,099
1	Liquors, rectified or blended	10	4	2	18	56	6,300	40,233	62,565	385,343	966,084	580,741
8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	25	16	27	209	1,232	254,550	411,725	2,290,430	3,519,731	8,624,231	5,104,500
1	Macaroni, spaghetti, vermicelli, and noodles	17	23	13	18	128	44,685	26,837	154,198	587,553	1,078,246	490,693
8	Machine and hand typesetting (including advertisement typesetting)	20	30	5	18	114	19,551	29,673	207,334	61,144	535,792	474,648
17	Machine-shop products, not elsewhere classified	33	36	10	34	170	41,472	50,807	279,106	502,290	1,066,562	564,272
17	Machine-shop repairs	14	16	3	9	53	8,400	13,958	78,206	67,548	263,525	195,977
17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	7	8		2	30	..	1,651	47,306	32,008	139,164	107,156
1	Malt	3	...	4	7	33	50,767	27,557	79,224	960,817	1,426,336	465,519

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
		SAN FRANCISCO—Continued										
6	Mattresses and bedsprings	16	16	12	141	844	$74,098	$274,018	$1,141,005	$2,571,948	$5,240,974	$2,669,026
1	Meat packing, wholesale	10	4	12	22	211	100,130	53,768	330,291	13,054,327	14,560,954	1,506,627
17	Mechanical power-transmission equipment	5	1	4	25	125	(4)	(4)	(4)	(4)	(4)	(4)
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories [a]	24	32	------	5	189	------	10,846	200,421	17,310	321,989	304,679
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors [a]	13	12	9	16	179	38,350	33,577	210,420	465,380	930,561	465,181
4	Men's neckwear—made in inside factories or by jobbers engaging contractors [a]	6	6	3	10	103	20,100	12,356	71,789	196,544	349,172	152,628
4	Millinery	19	17	7	30	364	22,569	40,782	387,628	571,593	1,404,898	833,305
6	Mirror frames and picture frames [a]	6	5	------	------	22	------	------	33,045	44,714	130,029	85,315
13	Mirrors and other glass products made of purchased glass	10	7	3	9	39	5,526	14,078	66,966	150,205	304,900	154,695
20	Miscellaneous fabricated products not elsewhere classified	5	2	1	2	18	4,316	965	19,684	55,786	143,517	87,731
4	Miscellaneous fabricated textile products not elsewhere classified	5	5	------	4	50	(4)	(4)	(4)	(4)	(4)	(4)
20	Models and patterns (except paper patterns)	13	17	------	3	24	------	3,870	44,927	26,261	151,999	125,738
13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	7	4	5	5	32	8,439	9,435	49,697	85,270	295,364	210,094
18	Motor vehicles, motor-vehicle bodies, parts and accessories	16	21	5	17	167	19,860	32,847	251,555	536,221	1,078,405	542,184
9	Mucilage, paste, and other adhesives, except glue and rubber cement	3	1	2	6	13	5,968	14,230	9,493	24,042	58,337	34,295
8	Newspapers: publishing and printing	30	18	32	1,222	1,099	150,628	2,573,107	2,195,492	3,470,257	14,097,782	10,627,525
8	Newspapers: publishing without printing [a]	8	3	6	40	4	8,980	34,856	8,118	71,789	153,123	81,334
1	Nonalcoholic beverages	12	6	9	22	84	27,520	38,815	126,460	866,225	2,156,137	1,289,912
15	Nonferrous-metal foundries (except aluminum)	11	13	5	10	74	16,593	16,935	101,566	170,692	380,299	209,607
15	Nonferrous-metal products not elsewhere classified	4	6	------	1	16	------	210	29,345	27,754	75,206	47,452
9	Paints, varnishes, and lacquers	21	18	12	67	245	50,725	164,989	410,259	3,065,584	5,310,258	2,244,674
7	Paperboard containers and boxes not elsewhere classified	12	4	18	57	548	111,180	118,327	748,431	2,142,850	4,182,484	2,039,634
6	Partitions, shelving, cabinet work, and office and store fixtures	26	29	7	32	302	52,212	64,509	465,425	739,364	1,750,461	1,011,097
8	Periodicals: publishing and printing	10	3	22	102	215	157,042	177,222	392,051	480,870	1,997,593	1,516,723
8	Periodicals: publishing without printing	71	31	43	246	18	165,991	423,398	19,634	1,030,172	2,931,280	1,901,108
8	Photoengraving, not done in printing establishments (including preparation of plates)	17	20	7	35	129	66,990	70,715	325,500	113,281	955,776	842,495
20	Photographic apparatus and materials and projection equipment (except lenses)	4	1	2	6	15	(4)	(4)	(4)	(4)	(4)	(4)
5	Planing mills not operated in conjunction with sawmills	31	35	8	21	372	31,234	51,029	628,038	863,640	1,950,730	1,087,090
1	Poultry dressing and packing, wholesale [a]	13	34	6	19	137	50,700	42,770	137,048	2,095,171	2,606,867	511,696
14	Power boilers and associated products	6	4	6	19	174	18,378	39,568	207,576	351,319	762,117	410,798
1	Prepared feeds (including mineral) for animals and fowls	5	2	7	10	31	(4)	(4)	(4)	(4)	(4)	(4)
1	Preserves, jams, jellies, and fruit butters	5	1	5	21	221	8,687	31,618	195,876	794,348	1,195,801	401,453
9	Printing ink	4	1	5	3	14	(4)	(4)	(4)	(4)	(4)	(4)
17	Printing-trades machinery and equipment	7	6	3	7	22	10,277	21,821	41,917	153,521	295,848	142,327
17	Pumping equipment and air compressors	5	4	2	22	54	7,080	38,382	81,651	269,924	494,882	224,958
11	Rubber products not elsewhere classified	5	4	1	7	36	6,000	13,589	51,459	81,339	260,401	179,062
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	38	62	7	26	206	32,965	46,960	326,776	3,439,861	4,623,596	1,183,735
15	Sheet-metal work not specifically classified	45	51	21	67	395	99,184	126,099	630,333	1,280,728	2,746,233	1,465,505
19	Shipbuilding and ship repairing	15	12	8	144	1,015	54,700	369,435	1,630,657	1,722,588	4,411,780	2,689,192
20	Signs, advertising displays, and advertising novelties	22	27	4	20	146	(4)	(4)	(4)	(4)	(4)	(4)
9	Soap and glycerin	8	9	5	7	60	39,750	14,278	82,750	606,684	967,435	360,751
20	Soda fountains, beer dispensing equipment, and related products	5	6	3	3	17	(4)	(4)	(4)	(4)	(4)	(4)
14	Stamped and pressed metal products (except automobile stampings)	8	6	12	37	207	(4)	(4)	(4)	(4)	(4)	(4)
13	Steam and other packing; pipe and boiler covering	5	2	2	5	51	4,800	9,804	73,272	186,648	353,914	167,266
14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	6	4	4	20	150	(4)	(4)	(4)	(4)	(4)	(4)

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
	SAN FRANCISCO—Continued											
12	Suitcases, brief cases, bags, trunks, and other luggage	9	8	2	10	110	$3,369	$22,044	$113,391	$321,061	$591,114	$270,053
20	Surgical supplies and equipment not elsewhere classified, orthopedic appliances [4]	10	5	7	8	62	23,050	15,264	77,200	126,094	335,609	209,515
4	Textile bags not made in textile mills	5	1	9	41	538	94,175	92,065	585,512	5,689,273	7,217,634	1,528,361
14	Tin cans and other tinware not elsewhere classified	5	1		215	970	(4)	(4)	(4)	(4)	(4)	(4)
14	Tools (except edge tools, machine tools, files, and saws)	3	1	3	3	15	(4)	(4)	(4)	(4)	(4)	(4)
6	Upholstered household furniture	23	30	2	33	374	373	46,487	497,526	792,359	1,760,460	968,101
6	Venetian blinds	5	1	6	9	76	9,182	18,992	95,573	252,480	440,916	188,436
14	Wirework not elsewhere classified	7	8	2	37	124	(4)	(4)	(4)	(4)	(4)	(4)
4	Women's and misses' blouses and waists, made in inside factories or by jobbers engaging contractors	8	10	...	6	57	.....	8,851	44,059	154,986	297,737	142,751
4	Women's and misses' dresses (except house dresses) made in contract factories	15	20	..	.. ..	169	.....	.....	74,273	7,371	128,547	121,176
6	Wooden boxes except cigar boxes	7	7	4	14	147	15,750	26,054	143,261	255,078	581,490	326,412
6	Wood products not elsewhere classified	6	12	..	5	38	...	4,835	37,662	90,047	189,128	99,081
17	Woodworking machinery	3	2	1	5	16	4,000	8,200	26,879	33,252	120,041	86,789
4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	18	24	9	48	1,005	39,250	83,354	876,289	1,939,496	4,112,712	2,173,216
	Other industries [5]	544	454	303	1,580	10,842	1,498,239	3,143,145	14,241,110	85,943,667	139,005,803	53,062,136
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	92	50	51	316	3,357	297,822	703,719	4,395,226	37,123,896	58,318,632	21,194,736
3	Textile-mill products and other fiber manufactures	16	8	16	47	408	116,579	102,196	456,150	1,228,460	2,786,217	1,557,757
4	Apparel and other finished products made from fabrics and similar materials	95	115	34	119	1,337	154,497	176,470	1,230,774	3,553,970	6,161,754	2,607,784
6	Furniture and finished lumber products	15	18	2	12	138	21,705	20,121	182,608	730,343	1,215,006	484,663
8	Printing, publishing, and allied industries	35	27	20	109	280	92,590	184,486	443,484	1,146,318	3,004,061	1,857,743
9	Chemicals and allied products	38	16	30	52	392	110,602	107,189	545,447	3,710,887	5,650,874	1,939,987
12	Leather and leather products	16	11	7	30	350	21,156	44,087	402,686	782,367	1,476,912	694,545
13	Stone, clay, and glass products	15	22	2	3	35	8,400	5,355	54,626	192,165	476,817	284,652
14	Iron and steel and their products, except machinery	78	64	63	444	2,473	324,310	918,952	3,480,211	14,722,018	26,526,987	11,804,969
15	Nonferrous metals and their products	17	16	6	63	283	22,983	154,839	400,018	3,473,158	4,456,149	982,991
16	Electrical machinery	6	2	5	22	115	35,000	48,275	175,956	457,280	748,991	291,711
17	Machinery (except electrical)	36	17	31	228	727	164,280	403,203	1,336,274	2,682,402	6,328,925	3,646,523
20	Miscellaneous industries	63	67	21	70	359	90,972	119,718	505,153	1,305,492	2,904,289	1,598,797
2	Tobacco manufactures	12	13	4	55	484						
7	Paper and allied products	6	2	11	9	97						
10	Products of petroleum and coal	2	6	.....	1	7	37,343	154,535	632,497	14,834,911	18,950,189	4,115,278
19	Transportation equipment except automobiles	2										

*As the figures for number of establishments and personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] Figures do not include data for personnel of central-administrative offices.

[2] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

[4] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures

[5] For numbers of establishments and of wage earners in individual industries, see table 12

[a], [b], and [c] To avoid disclosing exact or approximate data for individual establishments, the data for certain establishments located outside the cities have been included in the figures for the industries to which these footnotes are indexed. Data for these establishments are not, however, included in the total for the cities.

[a] 1 establishment. [b] 2 establishments. [c] 3 establishments.

TABLE 11.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939

	Total	INDUSTRY GROUP																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
The State	12,329	3,620	22	132	1,029	435	780	120	1,869	671	106	60	112	478	674	542	181	803	104	100	491
COUNTY																					
Alameda	978	302	1	8	21	35	70	12	96	88	3	6	8	36	82	43	22	91	12	10	32
Amador	8	3				3			1					1							
Butte	47	26				7	2		7					1	1			3			
Calaveras	13	5				3	1		2					1	1						
Colusa	11	8							3												
Contra Costa	126	36		1	1	2	4	3	14	35	8	1		8	7	2			1	3	
Del Norte	7	3				2			1												1
El Dorado	18	3				8	2		2					2							1
Fresno	259	135		1	2	15	16	1	27	6	1			14	8	5		20	2		6
Glenn	16	12							4												
Humboldt	91	39		1		31	3		9	1				2	2			2			1
Imperial	55	28					7	1	11	1				4				3			
Inyo	12	3				2			2	2				3							
Kern	112	48				2	3		17	4	10			8	5			15			
Kings	44	24				1			5	3	2			2				7			
Lake	16	10				3			3												
Lassen	18	8				8			2												
Los Angeles	5,594	962	9	91	708	103	461	69	832	338	67	46	57	209	377	324	123	403	61	45	309
Madera	21	11				3			4	1				1				1			
Marin	54	30				3			8	3			2	1	1	1		2		3	
Mariposa	5					2			2					1							
Mendocino	40	16				19			4	1											
Merced	51	32				3	1		8					3	1			3			
Modoc	15	3				10			2												
Monterey	92	51				3	2		13	8			1	6	3	1	1	2			1
Napa	60	40			2	1	1	1	7				3	2				3			
Nevada	19	8				4			4						1			2			
Orange	133	55		6		4	1		23	4	3			8	5	3		10	1	5	5
Placer	26	13				1	1		6	1				3						1	
Plumas	21	5				13	2		1												
Riverside	83	40				1	2		19	1				10	4			5			1
Sacramento	227	116			2	10	15	1	31	4	1		1	9	10	4	1	14	3		5
San Benito	12	9							2									1			
San Bernardino	122	57				4	2		22	8				16	4		2	3		1	3
San Diego	282	123			5	12	14	1	54	12		1		18	5	8	2	7	1	10	9
San Francisco	2,172	489	12	23	283	31	129	27	434	109	2	5	33	50	122	136	25	125	16	17	104
San Joaquin	207	124				7	8	1	24	4				7	6	2	1	19	1	1	2
San Luis Obispo	34	20				2			10		1			1							
San Mateo	111	37				10	2		12	14			3	13	8	1	3	5	1		2
Santa Barbara	75	42				3	2		14		4			2		2		6			
Santa Clara	312	174			3	5	14	1	36	12		1	1	15	14	6	1	19	4		6
Santa Cruz	70	43				5	4		10	2	1		1	2	1			1			
Shasta	37	18				11			4						1	1		2			
Sierra	5	2				2	1														
Siskiyou	41	19				15	1		6												
Solano	42	27			1	1	1		8	1								1		2	
Sonoma	185	143		1	1	9	2	2	11	2			2	3	2	2		3		1	1
Stanislaus	105	78					3		14	3				2	2			2			1
Sutter	18	14							2					1				1			
Tehama	17	13				1			3												
Trinity	3	1				1			1												
Tulare	89	55				6			13	2				8	1	1		3			
Tuolumne	14	6				4			2					1				1			
Ventura	54	24				1	1		11		3			3				11			
Yolo	27	14				1	2		2	1				1				5		1	
Yuba	23	13				2			4									2	1		1

TABLE 12. INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE LOS ANGELES AND SAN FRANCISCO-OAKLAND INDUSTRIAL AREAS, AND FOR LONG BEACH, LOS ANGELES, OAKLAND, SACRAMENTO, SAN DIEGO, AND SAN FRANCISCO: 1939

[In order to avoid disclosing data for individual establishments, wage-earner figures for industries represented by fewer than three establishments are withheld]

Group No.[1]	TITLE	Number of establishments	Wage earners
	STATE OF CALIFORNIA		
1	Cane-sugar refining	2	
	Cereal preparations	12	110
	Chewing gum	1	
	Custom slaughtering, wholesale	2	
	Oleomargarine—not made in meat-packing establishments	3	152
	Special dairy products	3	46
2	Cigarettes	1	
	Tobacco (chewing and smoking) and snuff	4	
3	Cordage and twine	4	209
	Cotton broad woven goods	4	313
	Cotton narrow fabrics	1	
	Cotton yarn	1	
	Dyeing and finishing woolen and worsted	4	64
	Knitted cloth	1	
	Knitted underwear	1	
	Linoleum, asphalted-felt-base, and other hard-surface floor coverings, not elsewhere classified	1	
	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	2	
	Rayon narrow fabrics	2	
	Rayon yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	2	
	Silk narrow fabrics	1	
	Silk yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	1	
	Woolen and worsted manufactures—contract factories	2	
4	Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors	3	28
	Embroideries, other than Schiffli-machine products—made in regular factories or by jobbers engaging contractors	2	
	Suspenders, garters, and other goods made from purchased elastic material	2	
	Women's, children's, and infants' underwear and nightwear of knitted fabrics	3	73
	Work gloves and mittens: cloth, cloth and leather combined	2	
5	Plywood mills	1	
6	Cigar boxes: wooden, part wooden	3	42
	Matches	3	207
7	Coated and glazed paper	4	
	Fiber cans, tubes, and similar products	1	
	Pulp mills	1	
8	Gravure, rotogravure, and rotary photogravure (including preparation of plates)	3	80
9	Bluing	1	
	Bone black, carbon black, and lampblack	2	
	Colors and pigments	4	84
	Essential oils	2	
	Fireworks	3	23
	Hardwood distillation and charcoal manufacture	3	10
	Salt	12	321
	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	1	
10	Fuel briquets	1	
12	Leather: tanned, curried, and finished—contract factories	1	
13	Abrasive wheels, stones, paper, cloth, and related products	1	
	China firing and decorating (for the trade)	1	
	Flat glass	1	
	Hotel china	2	
	Mineral wool	1	
	Natural graphite, ground and refined	1	
	Nonclay refractories	2	
	Porcelain electrical supplies	2	
	Terra cotta	1	
	Vitreous-china plumbing fixtures	2	
	Whiteware	3	401
14	Automobile stampings	1	
	Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills	1	
	Firearms	2	
	Malleable-iron castings	1	
	Safes and vaults	2	
	Steam and hot-water heating apparatus (including hot-water furnaces)	3	33
	Steel barrels, kegs, and drums	4	368
	Steel works and rolling mills	7	
	Vitreous enameled products, including kitchen, household, and hospital utensils	2	
	STATE OF CALIFORNIA—Continued		
15	Aluminum ware, kitchen, hospital, and household (except electrical appliances)	2	
	Clocks, watches, and materials and parts (except watchcases)	2	
	Gold and silver leaf and foil	1	
	Primary smelting and refining of nonferrous metals	2	
	Secondary smelting and refining, gold, silver, and platinum	3	24
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	3	106
	Tin and other foils (except gold and silver foil)	1	
16	Automotive electrical equipment	2	
	Carbon products for the electrical industry, and manufactures of carbon or artificial graphite	1	
	Electric lamps	1	
17	Laundry equipment, domestic	2	
	Machine tools	1	
	Measuring and dispensing pumps	3	29
	Paper-mill, pulp-mill, and paper-products machinery	2	
	Scales and balances	2	
	Steam engines, turbines, and water wheels	2	
	Tractors	2	
19	Cars and car equipment—railroad, street, and rapid-transit	5	
	Motorcycles, bicycles, and parts	2	
20	Artists' materials	1	
	Dolls (except rubber)	1	
	Fire extinguishers, chemical	4	18
	Needles, pins, hooks and eyes, and slide and snap fasteners	3	30
	Organs	2	
	Pencils (except mechanical) and crayons	2	
	Pens, mechanical pencils, and pen points	2	
	Surgical and medical instruments	1	
	LOS ANGELES INDUSTRIAL AREA		
1	Blended and prepared flour made from purchased flour	5	12
	Cereal preparations	7	24
	Cheese	5	105
	Condensed and evaporated milk	2	
	Cooking and other edible fats and oils, not elsewhere classified	4	333
	Cured fish	3	
	Custom slaughtering, wholesale	1	
	Liquors, distilled	2	
	Malt	1	
	Oleomargarine—not made in meat-packing establishments	1	
	Quick-frozen foods	3	65
	Salad dressings	11	82
	Sausage casings—not made in meat-packing establishments	1	
	Special dairy products	1	
	Vinegar and cider	2	
2	Cigars	8	
	Tobacco (chewing and smoking) and snuff	1	
3	Batting, padding, and wadding; upholstery filling	8	
	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	3	17
	Cloth sponging and miscellaneous special finishing	3	36
	Cordage and twine	1	
	Cotton broad woven goods	1	
	Cotton narrow fabrics	1	
	Dyeing and finishing woolen and worsted	2	
	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	4	72
	Hosiery—full-fashioned	2	
	Knitted cloth	1	
	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	1	
	Rayon narrow fabrics	2	
	Rayon yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	2	
	Silk narrow fabrics	1	
	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	6	274
4	Canvas products (except bags)	11	
	Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors	2	
	Children's coats—made in inside factories or by jobbers engaging contractors	2	
	Clothing, leather and sheep-lined	6	272
	Coats, suits, and skirts (except fur coats)—made in contract factories	10	
	Curtains, draperies, and bedspreads—contract factories	2	
	Embroideries, other than Schiffli-machine products—made in regular factories or by jobbers engaging contractors	1	

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE LOS ANGELES AND SAN FRANCISCO-OAKLAND INDUSTRIAL AREAS, AND FOR LONG BEACH, LOS ANGELES, OAKLAND, SACRAMENTO, SAN DIEGO, AND SAN FRANCISCO: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	LOS ANGELES INDUSTRIAL AREA—Continued		
4	Handkerchiefs—made in inside factories or by jobbers engaging contractors	3	
	Housefurnishings (except curtains, draperies, and bedspreads)	27	349
	Suspenders, garters, and other goods made from purchased elastic material	1	
	Textile bags—not made in textile mills	7	
	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories	6	
	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	64	
	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics	4	
	Women's, children's, and infants' underwear and nightwear of knitted fabrics	2	
	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	17	
	Women's neckwear, scarfs, etc.	2	
	Work gloves and mittens: cloth, cloth and leather combined	2	
5	Plywood mills	1	
6	Baskets for fruits and vegetables	1	
	Cigar boxes: wooden, part wooden	2	
	Cooperage	3	58
	Matches	2	
7	Coated and glazed paper	2	
	Die-cut paper and paperboard, and converted cardboard	3	26
	Fiber cans, tubes, and similar products	1	
	Paper and paperboard mills	7	954
	Paper bags, except those made in paper mills	8	
8	Books: publishing and printing	10	
	Books: publishing without printing	12	
	Gravure, rotogravure, and rotary photogravure (including preparation of plates)	2	
	Greeting cards (except hand-painted)	5	140
9	Bluing	1	
	Bone black, carbon black, and lampblack	1	
	Candles	2	
	Cottonseed oil, cake, meal, and linters	2	
	Fireworks	1	
	Fish and other marine oils, cake, and meal	1	
	Grease and tallow (except lubricating greases)	2	
	Hardwood distillation and charcoal manufacture	1	
	Linseed oil, cake, and meal	1	
	Salt	1	
	Soap and glycerine	19	490
	Vegetable and animal oils, not elsewhere classified	4	33
10	Fuel briquets	1	
11	Tires and inner tubes	5	
12	Footwear (except rubber)	13	686
	Leather gloves and mittens	5	
	Leather goods not elsewhere classified	4	
	Leather: tanned, curried, and finished—contract factories	1	
	Small leather goods	4	
	Women's pocketbooks, handbags, and purses	1	
13	Asbestos products (except steam packing and pipe and boiler covering)	3	68
	Cement	1	
	Clay products (except pottery) not elsewhere classified	2	
	Clay refractories, including refractory cement (clay)	4	194
	Glass containers	5	
	Gypsum products	4	
	Hotel china	1	
	Lime	2	
	Mineral wool	1	
	Nonclay refractories	2	
	Sewer pipe and kindred products	1	
	Steam and other packing; pipe and boiler covering	4	164
	Tableware, pressed or blown glass, and glassware not elsewhere classified	6	
	Vitreous-china plumbing fixtures	1	
	Whiteware	3	401
14	Automobile stampings	1	
	Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills	1	
	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	2	
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	16	1,146
	LOS ANGELES INDUSTRIAL AREA—Continued		
14	Forgings, iron and steel—made in plants not operated in connection with rolling mills	4	124
	Hardware not elsewhere classified	26	342
	Malleable-iron castings	1	
	Oil burners, domestic and industrial	3	44
	Safes and vaults	1	
	Saws	2	
	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	3	
	Steam and hot-water heating apparatus (including hot-water furnaces)	3	33
	Steam fittings, regardless of material	9	338
	Steel barrels, kegs, and drums	1	
	Steel works and rolling mills	2	
	Tin cans and other tinware not elsewhere classified	6	828
	Vitreous enameled products, including kitchen, household, and hospital utensils	2	
	Wire drawn from purchased rods	1	
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	4	90
	Aluminum ware, kitchen, hospital, and household (except electrical appliances)	1	
	Clocks, watches, and materials and parts (except watchcases)	1	
	Engraving on metal (except for printing purposes)	3	
	Lapidary work	1	
	Primary smelting and refining of nonferrous metal	1	
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	3	106
	Silverware and plated ware	3	
16	Automotive electrical equipment	2	
	Electrical appliances	5	172
	Electrical measuring instruments	2	
	Insulated wire and cable	4	
	Wiring devices and supplies	3	62
17	Agricultural machinery (except tractors)	3	100
	Blowers; exhaust and ventilating fans	3	
	Cars and trucks, industrial	2	
	Commercial laundry, dry-cleaning, and pressing machinery	2	
	Machine tools	1	
	Measuring and dispensing pumps	3	29
	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	7	298
	Metalworking machinery and equipment, not elsewhere classified	1	
	Mining machinery and equipment	2	
	Office and store machines not elsewhere classified	4	151
	Scales and balances	1	
	Special-industry machinery, not elsewhere classified	6	
	Tractors	1	
	Vending, amusement, and other coin-operated machines	4	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	45	3,487
19	Aircraft and parts, including aircraft engines	28	14,364
	Boat building and boat repairing	1	
	Cars and car equipment—railroad, street, and rapid-transit	2	
	Motorcycles, bicycles, and parts	2	
20	Artists' materials	1	
	Beauty-shop and barber-shop equipment	3	37
	Brushes	6	38
	Carbon paper and inked ribbons	5	
	Costume jewelry and costume novelties (jewelry other than fine jewelry)	4	
	Dolls (except rubber)	1	
	Fabricated plastic products, not elsewhere classified	22	
	Fire extinguishers, chemical	1	
	Furs, dressed and dyed	5	
	Lamp shades	3	
	Musical instruments, parts, and materials not elsewhere classified	5	
	Needles, pins, hooks and eyes, and slide and snap fasteners	3	30
	Ophthalmic goods: lenses and fittings	4	
	Optical instruments and lenses	2	
	Organs	1	
	Pencils (except mechanical) and crayons	1	
	Pens, mechanical pencils, and pen points	1	
	Photographic apparatus and materials and projection equipment (except lenses)	20	178
	Soda fountains, beer dispensing equipment, and related products	3	34
	Wool pulling	1	

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE LOS ANGELES AND SAN FRANCISCO-OAKLAND INDUSTRIAL AREAS, AND FOR LONG BEACH, LOS ANGELES, OAKLAND, SACRAMENTO, SAN DIEGO, AND SAN FRANCISCO: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	SAN FRANCISCO-OAKLAND INDUSTRIAL AREA		
1	Beet sugar	1	-
	Blended and prepared flour made from purchased flour	3	10
	Cane-sugar refining	2	
	Cereal preparations	2	
	Chewing gum	1	
	Condensed and evaporated milk	1	
	Cooking and other edible fats and oils, not elsewhere classified	2	
	Custom slaughtering, wholesale	1	-
	Liquors, distilled	1	
	Oleomargarine—not made in meat-packing establishments	2	-
	Pickled fruits and vegetables and vegetable sauces and seasonings	11	356
	Preserves, jams, jellies, and fruit butters	10	
	Quick-frozen foods	1	
	Rice cleaning and polishing	2	..
	Salad dressings	5	
	Sausage casings—not made in meat-packing establishments	4	-
	Special dairy products	2	
	Vinegar and cider	3	11
2	Cigarettes	1	
	Cigars	9	307
	Tobacco (chewing and smoking) and snuff	3	
3	Batting, padding, and wadding; upholstery filling	4	95
	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	2	..
	Cloth sponging and miscellaneous special finishing	3	39
	Cordage and twine	2	-
	Cotton broad woven goods	1	.....
	Dyeing and finishing woolen and worsted	2	-
	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	4	50
	Hosiery—full-fashioned	1	....
	Knitted underwear	1	.....
	Linoleum, asphalted-felt-base and other hard-surface floor coverings, not elsewhere classified	1	..... -
	Woolen and worsted manufactures—contract factories	2	.
4	Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors	1	-
	Children's coats—made in inside factories or by jobbers engaging contractors	3	...
	Children's dresses—made in inside factories or by jobbers engaging contractors	1	...
	Clothing, leather and sheep-lined	3	156
	Coats, suits, and skirts (except fur coats)—made in contract factories	2	..
	Curtains, draperies, and bedspreads—contract factories	5	. . .
	Embroideries, other than Schiffli-machine products—contract factories	1	..
	Embroideries, other than Schiffli-machine products—made in regular factories or by jobbers engaging contractors	1	-
	Handkerchiefs—made in inside factories or by jobbers engaging contractors	2	....
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	8	...
	Housefurnishings (except curtains, draperies, and bedspreads)	5	36
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	7	..
	Robes, lounging garments, and dressing gowns	2	..
	Suspenders, garters, and other goods made from purchased elastic material	1	-
	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories	2	-
	Trousers (semidress), wash suits, and washable service apparel	8	....
	Women's and misses' blouses and waists—made in contract factories	2	-
	Women's and misses' clothing, not elsewhere classified—made in contract factories	1	...
	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	2	-
	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics	2	-
	Women's, children's, and infants' underwear and nightwear of knitted fabrics	1	... ..
	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	2	.... ..
	Women's neckwear, scarfs, etc.	3	- -
5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	2	- ....
6	Baskets for fruits and vegetables	4	47
	Cigar boxes: wooden, part wooden	1	..
	Cooperage	4	111
	SAN FRANCISCO-OAKLAND INDUSTRIAL AREA—Continued		
6	Laboratory, hospital, and other professional furniture	2	..
	Office furniture	2	
	Window and door screens and weather strip	2	
	Wood preserving	2	-
7	Coated and glazed paper	2	
	Die-cut paper and paperboard, and converted cardboard	5	85
	Paper and paperboard mills	4	-
	Paper bags, except those made in paper mills	1	..
8	Books: publishing without printing	7	1
	Gravure, rotogravure, and rotary photogravure (including preparation of plates)	1	-
	Greeting cards (except hand-painted)	2	..
9	Bone black, carbon black, and lampblack	1	
	Candles	2	.....
	Colors and pigments	4	84
	Fireworks	1	. .
	Glue and gelatin	6	
	Linseed oil, cake, and meal	2	..
	Salt	8	272
	Soap and glycerin	10	....
	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	1	....
	Vegetable and animal oils, not elsewhere classified	5	124
10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	2	-
11	Tires and inner tubes	1	-
12	Footwear (except rubber)	4	. . .
	Leather gloves and mittens	8	-
	Leather goods not elsewhere classified	1	.. ..
	Saddlery, harness, and whips	3	.. ..
	Small leather goods	1	... .
	Women's pocketbooks, handbags, and purses	4	.. ..
13	Abrasive wheels, stones, paper, cloth, and related products	1	...
	Asbestos products (except steam packing and pipe and boiler covering)	3	117
	Cement	2	-
	China firing and decorating (for the trade)	1	... -
	Clay products (except pottery) not elsewhere classified	1	. . .
	Clay refractories, including refractory cement (clay)	2	... ...
	Floor and wall tile (except quarry tile)	2	. . . .
	Glass containers	2	.... -
	Hotel china	1	.....
	Lime	1	-
	Minerals and earths, ground or otherwise treated	3	26
	Natural graphite, ground and refined	1	
	Porcelain electrical supplies	2	-
	Pottery products not elsewhere classified	2	-
	Sewer pipe and kindred products	2	....
	Steam and other packing; pipe and boiler covering	7	.. -
	Vitreous-china plumbing fixtures	1	.....
14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	4	350
	Firearms	2	... -
	Forgings, iron and steel—made in plants not operated in connection with rolling mills	7	128
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	5	.....
	Hardware not elsewhere classified	10	... -
	Heating and cooking apparatus, except electric, not elsewhere classified	1	...
	Oil burners, domestic and industrial	4	96
	Safes and vaults	1	.....
	Saws	1	....
	Steam fittings, regardless of material	4	25
	Steel barrels, kegs, and drums	3	. .
	Wire drawn from purchased rods	2	...
	Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills	3	182
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	8	213
	Aluminum ware, kitchen, hospital, and household (except electrical appliances)	1	.. ..
	Clocks, watches, and materials and parts (except watchcases)	1	... . . .
	Engraving on metal (except for printing purposes)	1	.. .
	Gold and silver leaf and foil	1	- ....
	Jewelry (precious metals)	31	. ...
	Lapidary work	4	- . . .
	Nonferrous-metal foundries (except aluminum)	21	156
	Primary smelting and refining of nonferrous metals	1	...
	Secondary smelting and refining, gold, silver, and platinum	3	24
	Silverware and plated ware	2	..
	Tin and other foils (except gold and silver foil)	1	.....

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE LOS ANGELES AND SAN FRANCISCO-OAKLAND INDUSTRIAL AREAS, AND FOR LONG BEACH, LOS ANGELES, OAKLAND, SACRAMENTO, SAN DIEGO, AND SAN FRANCISCO: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	SAN FRANCISCO-OAKLAND INDUSTRIAL AREA—Continued		
16	Carbon products for the electrical industry, and manufactures of carbon or artificial graphite	1	
	Electrical appliances	2	
	Electrical measuring instruments	1	
	Electrical products not elsewhere classified	1	
	Electric lamps	1	
	Insulated wire and cable	2	
	Wiring devices and supplies	3	60
17	Blowers; exhaust and ventilating fans	2	
	Cars and trucks, industrial	2	
	Commercial laundry, dry-cleaning, and pressing machinery	3	
	Construction and similar machinery (except mining and oil-field machinery and tools)	6	
	Laundry equipment, domestic	2	
	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	3	137
	Metalworking machinery and equipment, not elsewhere classified	3	
	Mining machinery and equipment	5	46
	Office and store machines not elsewhere classified	4	486
	Oil-field machinery and tools	1	
	Paper-mill, pulp-mill, and paper-products machinery	2	
	Scales and balances	1	
	Special-industry machinery, not elsewhere classified	1	
	Steam engines, turbines, and water wheels	2	
	Tractors	1	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	30	2,615
19	Cars and car equipment—railroad, street, and rapid-transit	1	
20	Beauty-shop and barber-shop equipment	3	20
	Brushes	3	36
	Carbon paper and inked ribbons	1	
	Costume jewelry and costume novelties (jewelry other than fine jewelry)	1	
	Dental equipment and supplies	2	
	Fabricated plastic products, not elsewhere classified	2	
	Fire extinguishers, chemical	2	
	Furs, dressed and dyed	2	
	Lamp shades	2	
	Musical instruments, parts, and materials not elsewhere classified	2	
	Ophthalmic goods: lenses and fittings	2	
	Optical instruments and lenses	2	
	Organs	1	
	Pencils (except mechanical) and crayons	1	
	Pens, mechanical pencils, and pen points	1	
	Photographic apparatus and materials and projection equipment (except lenses)	4	15
	Soda fountains, beer dispensing equipment, and related products	5	17
	Surgical and medical instruments	1	
	Wool pulling	1	
	LONG BEACH		
1	Biscuit, crackers, and pretzels	1	
	Candy and other confectionery products	3	14
	Canned and dried fruits and vegetables (including canned soups)	2	
	Canned fish, crustacea, and mollusks	2	
	Cooking and other edible fats and oils, not elsewhere classified	1	
	Meat packing, wholesale	2	
	Nonalcoholic beverages	2	
	Pickled fruits and vegetables and vegetable sauces and seasonings	3	58
	Salad dressings	1	
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	1	
3	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	1	
4	Canvas products (except bags)	1	
	Clothing, leather and sheep-lined	1	
	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	1	
	Fur coats and other fur garments, accessories, and trimmings	1	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	1	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	1	
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	1	
6	Mattresses and bedsprings	2	
	Venetian blinds	2	
	Wooden boxes except cigar boxes	1	
	LONG BEACH—Continued		
6	Wood preserving	1	
8	Bookbinding and related industries	2	
	Engraving (steel, copperplate, and wood); plate printing	2	
	Machine and hand typesetting (including advertisement typesetting)	1	
	Newspapers: publishing and printing	5	111
	Newspapers: publishing without printing	1	
	Photoengraving, not done in printing establishments (including preparation of plates)	2	
9	Chemicals not elsewhere classified	1	
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	2	
	Drugs and medicines (including drug grinding)	1	
	Insecticides, fungicides, and related industrial and household chemical compounds	1	
	Linseed oil, cake, and meal	1	
	Lubricating oils and greases—not made in petroleum refineries	1	
	Paints, varnishes, and lacquers	1	
	Perfumes, cosmetics, and other toilet preparations	1	
	Salt	1	
	Soap and glycerin	1	
12	Leather goods not elsewhere classified	1	
13	Concrete products	3	10
	Gypsum products	1	
	Mirrors and other glass products made of purchased glass	1	
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	1	
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	1	
	Hardware not elsewhere classified	2	
	Power boilers and associated products	2	
	Steam fittings, regardless of material	1	
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	1	
15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	1	
	Electroplating, plating, and polishing	2	
	Nonferrous-metal foundries (except aluminum)	1	
16	Batteries, storage and primary (dry and wet)	1	
	Electrical appliances	1	
17	Cars and trucks, industrial	1	
	Industrial machinery, not elsewhere classified	1	
	Pumping equipment and air compressors	4	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	1	
19	Shipbuilding and ship repairing	3	87
20	Models and patterns (except paper patterns)	1	
	Photographic apparatus and materials and projection equipment (except lenses)	1	
	Professional and scientific instruments (except surgical and dental)	2	
	Signs, advertising displays, and advertising novelties	3	13
	LOS ANGELES		
1	Biscuit, crackers, and pretzels	13	613
	Blended and prepared flour made from purchased flour	5	12
	Canned fish, crustacea, and mollusks	10	
	Cereal preparations	7	24
	Cheese	3	
	Condensed and evaporated milk	1	
	Cured fish	3	
	Ice, manufactured	18	173
	Liquors, distilled	1	
	Liquors, rectified or blended	4	
	Macaroni, spaghetti, vermicelli, and noodles	15	
	Malt liquors	6	
	Oleomargarine—not made in meat-packing establishments	1	
	Quick-frozen foods	2	
	Salad dressings	10	
	Sausage casings—not made in meat-packing establishments	1	
	Special dairy products	1	
	Vinegar and cider	2	
2	Cigars	6	
	Tobacco (chewing and smoking) and snuff	1	
3	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	2	
	Cloth sponging and miscellaneous special finishing	2	

See footnote at end of table.

TABLE 12. INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE LOS ANGELES AND SAN FRANCISCO-OAKLAND INDUSTRIAL AREAS, AND FOR LONG BEACH, LOS ANGELES, OAKLAND, SACRAMENTO, SAN DIEGO, AND SAN FRANCISCO: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	LOS ANGELES—Continued		
3	Cordage and twine	1	
	Cotton broad woven goods	2	
	Cotton narrow fabrics	1	
	Dyeing and finishing cotton, rayon, silk, and linen textiles	5	82
	Dyeing and finishing woolen and worsted	2	
	Felt goods, wool, hair, and jute (except woven felts and hat bodies and hats)	1	
	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	4	72
	Hosiery—full-fashioned	2	
	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	1	
	Rayon narrow fabrics	2	
	Rayon yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	2	
	Silk narrow fabrics	1	
	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	5	
4	Belts (apparel), regardless of material	12	
	Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors	1	
	Children's coats—made in inside factories or by jobbers engaging contractors	2	
	Clothing, leather and sheep-lined	5	
	Corsets and allied garments	16	324
	Curtains, draperies, and bedspreads—contract factories	2	
	Embroideries, other than Schiffli-machine products—made in regular factories or by jobbers engaging contractors	1	
	Handkerchiefs—made in inside factories or by jobbers engaging contractors	3	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	12	719
	Housefurnishings (except curtains, draperies, and bedspreads)	25	
	Robes, lounging garments, and dressing gowns	14	
	Suspenders, garters, and other goods made from purchased elastic material	1	
	Textile bags—not made in textile mills	7	
	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories	6	95
	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	4	
	Women's and misses' blouses and waists—made in contract factories	3	
	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	61	1,550
	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics	4	
	Women's, children's, and infants' underwear and nightwear of knitted fabrics	2	
	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	17	
	Women's neckwear, scarfs, etc	2	
6	Cigar boxes: wooden, part wooden	2	
	Matches	1	
	Window and door screens and weather strip	7	34
	Wood preserving	2	
7	Coated and glazed paper	2	
	Converted paper products not elsewhere classified	12	242
	Die-cut paper and paperboard, and converted cardboard	3	26
	Fiber cans, tubes, and similar products	1	
	Paper and paperboard mills	1	
8	Books: publishing and printing	9	
	Books: publishing without printing	10	
	Gravure, rotogravure, and rotary photogravure (including preparation of plates)	2	
	Greeting cards (except hand-painted)	4	
9	Bone black, carbon black, and lampblack	1	
	Chemicals not elsewhere classified	5	250
	Cottonseed oil, cake, meal, and linters	1	
	Grease and tallow (except lubricating greases)	1	
	Hardwood distillation and charcoal manufacture	1	
	Perfumes, cosmetics, and other toilet preparations	31	195
	Vegetable and animal oils, not elsewhere classified	3	
10	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	5	99
11	Tires and inner tubes	1	
12	Boot and shoe cut stock and findings	3	
	Footwear (except rubber)	10	472
	Leather goods not elsewhere classified	3	
	Leather; tanned, curried and finished—contract factories	1	
	Small leather goods	4	
	Women's pocketbooks, handbags, and purses	1	
	LOS ANGELES—Continued		
13	Asbestos products (except steam packing and pipe and boiler covering)	2	
	Cement	1	
	Brick and hollow structural tile	1	
	Clay products (except pottery) not elsewhere classified	1	
	Clay refractories, including refractory cement (clay)	1	
	Floor and wall tile (except quarry tile)	1	
	Gypsum products	2	
	Lime	2	
	Minerals and earths, ground or otherwise treated	10	
	Pottery products not elsewhere classified	8	441
	Roofing tile	2	
	Steam and other packing; pipe and boiler covering	2	
	Tableware, pressed or blown glass, and glassware not elsewhere classified	2	
	Whiteware	1	
14	Automobile stampings	1	
	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	2	
	Cast-iron pipe and fittings	2	
	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	2	
	Doors, window sash, frames, molding, and trim (made of metal)	17	98
	Forgings, iron and steel—made in plants not operated in connection with rolling mills	1	
	Oil burners, domestic and industrial	2	
	Safes and vaults	1	
	Saws	2	
	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	3	53
	Stamped and pressed metal products (except automobile stampings)	19	422
	Steam and hot-water heating apparatus (including hot-water furnaces)	1	
	Steam fittings, regardless of material	6	74
	Steel castings	2	
	Tin cans and other tinware not elsewhere classified	5	
	Wire drawn from purchased rods	1	
	Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills	2	
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	3	
	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	8	357
	Aluminum ware, kitchen, hospital, and household (except electrical appliances)	1	
	Engraving on metal (except for printing purposes)	3	
	Jewelry (precious metals)	30	159
	Lapidary work	1	
	Primary smelting and refining of nonferrous metals	1	
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	1	
	Silverware and plated ware	3	
16	Automotive electrical equipment	2	
	Communication equipment	10	
	Electrical appliances	3	
	Electrical measuring instruments	2	
	Insulated wire and cable	4	
	Wiring devices and supplies	2	
	X-ray and therapeutic apparatus and electronic tubes	12	50
17	Agricultural machinery (except tractors)	1	
	Blowers; exhaust and ventilating fans	3	
	Commercial laundry, dry-cleaning, and pressing machinery	1	
	Internal-combustion engines	2	
	Machine tools	1	
	Measuring and dispensing pumps	2	
	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	4	122
	Mechanical power-transmission equipment	5	
	Metalworking machinery and equipment, not elsewhere classified	1	
	Mining machinery and equipment	2	
	Office and store machines not elsewhere classified	3	
	Printing-trades machinery and equipment	10	
	Special-industry machinery, not elsewhere classified	6	
	Tractors	1	
	Vending, amusement, and other coin-operated machines	3	
	Woodworking machinery	2	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	30	1,023
19	Boat building and boat repairing	1	
	Cars and car equipment—railroad, street, and rapid-transit	1	
	Motorcycles, bicycles, and parts	1	
	Shipbuilding and ship repairing	9	663
20	Artists' materials	1	
	Beauty-shop and barber-shop equipment	2	
	Brushes	4	

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE LOS ANGELES AND SAN FRANCISCO-OAKLAND INDUSTRIAL AREAS, AND FOR LONG BEACH, LOS ANGELES, OAKLAND, SACRAMENTO, SAN DIEGO, AND SAN FRANCISCO: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	LOS ANGELES—Continued		
20	Carbon paper and inked ribbons	5	
	Costume jewelry and costume novelties (jewelry other than fine jewelry)	4	
	Dental equipment and supplies	2	
	Dolls (except rubber)	1	
	Fabricated plastic products, not elsewhere classified	22	
	Fire extinguishers, chemical	1	
	Furs, dressed and dyed	5	
	Games and toys (except dolls and children's vehicles)	12	
	Jewelry cases and instrument cases	2	
	Lamp shades	3	
	Musical instruments, parts, and materials not elsewhere classified	5	
	Needles, pins, hooks and eyes, and slide and snap fasteners	3	30
	Optical instruments and lenses	2	
	Organs	1	
	Pencils (except mechanical) and crayons	1	
	Pens, mechanical pencils, and pen points	1	
	Soda fountains, beer dispensing equipment, and related products	3	34
	CITY OF OAKLAND		
1	Baking powder, yeast, and other leavening compounds	2	
	Biscuit, crackers, and pretzels	2	
	Cereal preparations	2	
	Cheese	1	
	Creamery butter	2	
	Macaroni, spaghetti, vermicelli, and noodles	3	
	Malt liquors	1	
	Meat packing, wholesale	1	
	Nonalcoholic beverages	9	52
	Pickled fruits and vegetables and vegetable sauces and seasonings	3	22
	Prepared feeds (including mineral) for animals and fowls	5	249
	Preserves, jams, jellies, and fruit butters	1	
	Salad dressings	3	11
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	8	45
2	Cigars	1	
3	Batting, padding, and wadding; upholstery filling	1	
	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	1	
	Cloth sponging and miscellaneous special finishing	1	
	Cotton broad woven goods	1	
	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	1	
	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	1	
4	Canvas products (except bags)	1	
	Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors	1	
	Coats, suits, and skirts (except fur coats)—made in contract factories	1	
	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	2	
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	1	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	1	
	Men's and boys' hats and caps (except felt and straw)	2	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	1	
	Miscellaneous fabricated textile products not elsewhere classified	1	
	Textile bags—not made in textile mills	1	
	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	2	
6	Baskets for fruits and vegetables	1	
	Cigar boxes: wooden, part wooden	1	
	Mattresses and bedsprings	2	
	Mirror frames and picture frames	1	
	Upholstered household furniture	4	
	Venetian blinds	3	
	Window and door screens and weather strip	1	
	Window shades	1	
	Wooden boxes except cigar boxes	1	
	Wood preserving	1	
	Wood products not elsewhere classified	3	
7	Paper board containers and boxes not elsewhere classified	7	
8	Bookbinding and related industries	2	
	Books: printing without publishing	2	
	Electrotyping and stereotyping, not done in printing establishments	1	
	CITY OF OAKLAND—Continued		
8	Engraving (steel, copperplate, and wood); plate printing	2	
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	4	
	Newspapers: publishing and printing	7	341
	Newspapers: publishing without printing	1	
	Periodicals: publishing without printing	1	
	Photoengraving, not done in printing establishments (including preparation of plates)	3	
9	Chemicals not elsewhere classified	2	
	Cleaning and polishing preparations, blackings, and dressings	5	20
	Colors and pigments	1	
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	3	20
	Drugs and medicines (including drug grinding)	1	
	Fertilizers	1	
	Fish and other marine oils, cake, and meal	1	
	Glue and gelatin	1	
	Insecticides, fungicides, and related industrial and household chemical compounds	3	13
	Lubricating oils and greases—not made in petroleum refineries	4	6
	Perfumes, cosmetics, and other toilet preparations	1	
	Printing ink	1	
	Soap and glycerin	1	
	Vegetable and animal oils, not elsewhere classified	3	
10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	1	
11	Rubber products not elsewhere classified	2	
	Tires and inner tubes	1	
12	Footwear (except rubber)	1	
	Industrial leather belting and packing leather	1	
	Saddlery, harness, and whips	1	
13	Asbestos products (except steam packing and pipe and boiler covering)	1	
	Glass containers	2	
	Mirrors and other glass products made of purchased glass	5	29
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	1	
	Statuary and art goods (except stone and concrete)—factory production	1	
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	1	
14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	1	
	Doors, window sash, frames, molding, and trim (made of metal)	3	
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semi-vitreous china sanitary ware)	1	
	Enameling, japanning, and lacquering	1	
	Fabricated structural steel and ornamental metalwork, made in plants not operated in connection with rolling mills	7	244
	Forgings, iron and steel—made in plants not operated in connection with rolling mills	2	
	Galvanizing and other coating, carried on in plants not operated in connection with rolling mills	1	
	Hardware not elsewhere classified	2	
	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	1	
	Stamped and pressed metal products (except automobile stampings)	4	34
	Steel castings	2	
	Tin cans and other tinware not elsewhere classified	2	
	Tools (except edge tools, machine tools, files, and saws)	2	
	Wirework not elsewhere classified	4	
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	1	
	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	2	
	Clocks, watches, and materials and parts (except watchcases)	1	
	Engraving on metal (except for printing purposes)	1	
	Gold and silver leaf and foil	1	
	Jewelry (precious metals)	1	
	Nonferrous-metal products not elsewhere classified	3	
	Sheet-metal work not specifically classified	12	70
16	Batteries, storage and primary (dry and wet)	3	131
	Communication equipment	4	
	Electrical measuring instruments	1	
	Electric lamps	1	
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	4	121
	Insulated wire and cable	1	
	Radios, radio tubes, and phonographs		

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE LOS ANGELES AND SAN FRANCISCO-OAKLAND INDUSTRIAL AREAS, AND FOR LONG BEACH, LOS ANGELES, OAKLAND, SACRAMENTO, SAN DIEGO, AND SAN FRANCISCO: 1939—Continued

Group No.	TITLE	Number of establishments	Wage earners
	CITY OF OAKLAND—Continued		
17	Construction and similar machinery (except mining and oilfield machinery and tools)	2	
	Food products machinery	3	7
	Industrial machinery, not elsewhere classified	2	
	Internal-combustion engines	4	
	Machine shop repairs	3	41
	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	1	
	Mechanical power-transmission equipment	2	
	Mining machinery and equipment	1	
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	1	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	9	1,525
19	Shipbuilding and ship repairing	5	1,693
20	Feathers, plumes, and artificial flowers	1	----
	Games and toys (except dolls and children's vehicles)	2	----
	Lampshades	1	----
	Miscellaneous fabricated products not elsewhere classified	2	----
	Pencils (except mechanical) and crayons	1	----
	Signs, advertising displays, and advertising novelties	6	118
	Sporting and athletic goods not elsewhere classified	2	----
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	2	----
	CITY OF SACRAMENTO		
1	Biscuit, crackers, and pretzels	1	----
	Canned and dried fruits and vegetables (including canned soups)	4	1,553
	Cheese	1	----
	Condensed and evaporated milk	1	----
	Creamery butter	2	----
	Flour and other grain-mill products	2	----
	Macaroni, spaghetti, vermicelli, and noodles	2	----
	Malt	1	----
	Malt liquors	1	----
	Pickled fruits and vegetables and vegetable sauces and seasonings	2	----
	Salad dressings	1	----
4	Canvas products (except bags	1	----
	Textile bags—not made in textile mills	1	----
6	Caskets, coffins, burial cases, and other morticians' goods	2	----
	Household furniture, except upholstered	1	----
	Mattresses and bedsprings	3	19
	Window shades	3	----
	Wooden boxes except cigar boxes	2	----
7	Paperboard containers and boxes not elsewhere classified	1	----
8	Electrotyping and stereotyping, not done in printing establishments	1	----
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	1	----
	Machine and hand typesetting (including advertisement typesetting)	1	----
	Newspapers: publishing and printing	4	160
	Periodicals: publishing and printing	2	----
	Periodicals: publishing without printing	2	----
	Photoengraving, not done in printing establishments (including preparation of plates)	2	----
9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	2	----
	Paints, varnishes, and lacquers	1	----
12	Saddlery, harness, and whips	1	----
13	Clay products (except pottery) not elsewhere classified	1	----
	Concrete products	1	----
	Mirrors and other glass products made of purchased glass	1	----
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	2	----
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	1	----
	Gray-iron and semisteel castings	2	----
	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	1	----
	Tin cans and other tinware not elsewhere classified	1	----
	Tools (except edge tools, machine tools, files, and saws)	1	----
	Wirework not elsewhere classified	1	----
	Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills	1	----
15	Nonferrous-metal foundries (except aluminum)	1	----
	CITY OF SACRAMENTO—Continued		
16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	1	----
17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	1	----
18	Motor vehicles, motor-vehicle bodies, parts and accessories	2	----
20	Hand stamps, stencils, and brands	1	----
	Signs, advertising displays, and advertising novelties	2	----
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	1	----
	CITY OF SAN DIEGO		
1	Candy and other confectionery products	5	46
	Canned and dried fruits and vegetables (including canned soups)	3	138
	Flour and other grain-mill products	1	----
	Food preparations, not elsewhere classified	3	18
	Ice, manufactured	4	26
	Macaroni, spaghetti, vermicelli, and noodles	1	----
	Malt liquors	2	----
	Meat-packing, wholesale	1	----
	Pickled fruits and vegetables and vegetable sauces and seasonings	1	----
	Prepared feeds (including mineral) for animals and fowls	2	----
	Preserves, jams, jellies, and fruit butters	1	----
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	1	----
4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	1	----
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	1	----
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	1	----
	Men's neckwear—made in inside factories or by jobbers engaging contractors	1	----
	Miscellaneous fabricated textile products not elsewhere classified	1	----
5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	1	----
6	Caskets, coffins, burial cases, and other morticians' goods	1	----
	Household furniture, except upholstered	2	----
	Laboratory, hospital, and other professional furniture	1	----
	Mattresses and bedsprings	1	----
	Partitions, shelving, cabinet work, and office and store fixtures	1	----
	Upholstered household furniture	1	----
	Venetian blinds	1	----
	Window and door screens and weather strip	1	----
	Wooden boxes except cigar boxes	1	----
	Wood preserving	1	----
	Wood products not elsewhere classified	1	----
7	Paperboard containers and boxes not elsewhere classified	1	----
8	Books: printing without publishing	1	----
	Machine and hand typesetting (including advertisement typesetting)	2	----
	Newspapers: publishing and printing	7	240
	Newspapers: publishing without printing	1	----
	Periodicals: publishing and printing	1	----
	Photoengraving, not done in printing establishments (including preparation of plates)	2	----
9	Cleaning and polishing preparations, blackings, and dressings	1	----
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	1	----
	Drugs and medicines (including drug grinding)	2	----
	Fish and other marine oils, cake, and meal	1	----
	Paints, varnishes, and lacquers	1	----
	Soap and glycerin	1	----
11	Rubber products not elsewhere classified	1	----
13	Brick and hollow structural tile	2	----
	Mirrors and other glass products made of purchased glass	1	----
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	4	99
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	1	----

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE LOS ANGELES AND SAN FRANCISCO-OAKLAND INDUSTRIAL AREAS, AND FOR LONG BEACH, LOS ANGELES, OAKLAND, SACRAMENTO, SAN DIEGO, AND SAN FRANCISCO: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	CITY OF SAN DIEGO—Continued		
14	Fabricated structural steel and ornamental metalwork, made in plants not operated in connection with rolling mills	2	
	Gray-iron and semisteel castings	1	
	Heating and cooking apparatus, except electric, not elsewhere classified	1	
15	Electroplating, plating, and polishing	2	
	Jewelry (precious metals)	1	
	Nonferrous-metal foundries (except aluminum)	1	
16	Batteries, storage and primary (dry and wet)	2	
17	Machine-shop products, not elsewhere classified	2	
18	Automobile trailers (for attachment to passenger cars)	1	
19	Aircraft and parts, including aircraft engines	3	
	Boat building and boat repairing	2	
	Shipbuilding and ship repairing	4	162
20	Brooms	1	
	Dental equipment and supplies	1	
	Hand stamps, stencils, and brands	2	
	Miscellaneous fabricated products not elsewhere classified	2	
	CITY OF SAN FRANCISCO		
1	Baking powder, yeast, and other leavening compounds	3	
	Biscuit, crackers, and pretzels	8	278
	Blended and prepared flour made from purchased flour	2	
	Candy and other confectionery products	40	1,127
	Cane-sugar refining	1	
	Canned fish, crustacea, and mollusks	2	
	Cheese	1	
	Chewing gum	1	
	Condensed and evaporated milk	1	
	Cooking and other edible fats and oils, not elsewhere classified	1	
	Custom slaughtering, wholesale	1	
	Flour and other grain-mill products	2	
	Malt liquors	8	
	Oleomargarine—not made in meat-packing establishments	2	
	Pickled fruits and vegetables and vegetable sauces and seasonings	1	
	Prepared feeds (including mineral) for animals and fowls	5	31
	Quick-frozen foods	1	
	Rice cleaning and polishing	2	
	Salad dressings	2	
	Sausage casings—not made in meat-packing establishments	4	
	Special dairy products	2	
	Vinegar and cider	1	
	Wines	1	
2	Cigarettes	1	
	Cigars	8	
	Tobacco (chewing and smoking) and snuff	3	
3	Batting, padding, and wadding; upholstery filling	3	
	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	1	
	Cloth sponging and miscellaneous special finishing	2	
	Cordage and twine	2	
	Dyeing and finishing woolen and worsted	2	
	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	3	
	Knitted underwear	1	
	Woolen and worsted manufactures—contract factories	2	
4	Canvas products (except bags)	5	
	Children's coats—made in inside factories or by jobbers engaging contractors	2	
	Children's dresses—made in inside factories or by jobbers engaging contractors	1	
	Clothing, leather and sheep-lined	3	156
	Coats, suits, and skirts (except fur coats)—made in contract factories	1	
	Curtains, draperies, and bedspreads—contract factories	5	
	Embroideries, other than Schiffli-machine products—contract factories	1	
	Embroideries, other than Schiffli-machine products—made in regular factories or by jobbers engaging contractors	1	
	Handkerchiefs—made in inside factories or by jobbers engaging contractors	2	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	7	
	Housefurnishings (except curtains, draperies, and bedspreads)	4	
	Men's and boys' hats and caps (except felt and straw)	4	
	CITY OF SAN FRANCISCO—Continued		
4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	7	
	Miscellaneous fabricated textile products not elsewhere classified	5	50
	Robes, lounging garments, and dressing gowns	2	
	Suspenders, garters, and other goods made from purchased elastic material	1	
	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories	2	
	Trousers (semidress), wash suits, and washable service apparel	8	
	Women's and misses' blouses and waists—made in contract factories	2	
	Women's and misses' clothing, not elsewhere classified—made in contract factories	1	
	Women's and misses' clothing, not elsewhere classified— made in inside factories or by jobbers engaging contractors	2	
	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	22	
	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics	1	
	Women's, children's, and infants' underwear and nighwear of knitted fabrics	1	
	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	2	
	Women's neckwear, scarfs, etc	3	
6	Baskets for fruits and vegetables	1	
	Cooperage	4	111
	Laboratory, hospital, and other professional furniture	1	
	Office furniture	2	
	Window shades	7	
7	Coated and glazed paper	1	
	Die-cut paper and paperboard, and converted cardboard	5	85
8	Bookbinding and related industries	21	214
	Books: publishing and printing	4	
	Books: publishing without printing	7	1
	Gravure, rotogravure, and rotary photogravure (including preparation of plates)	1	
	Greeting cards (except hand-painted)	2	
9	Candles	2	
	Chemicals not elsewhere classified	6	100
	Fertilizers	2	
	Fish and other marine oils, cake, and meal	2	
	Glue and gelatin	4	21
	Grease and tallow (except lubricating greases)	4	
	Linseed oil, cake, and meal	1	
	Lubricating oils and greases—not made in petroleum refineries	1	
	Perfumes, cosmetics, and other toilet preparations	11	
	Printing ink	4	14
	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	1	
10	Petroleum refining	1	
	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	1	
12	Boot and shoe cut stock and findings	3	
	Footwear (except rubber)	3	
	Industrial leather belting and packing leather	3	
	Leather goods not elsewhere classified	1	
	Saddlery, harness, and whips	2	
	Women's pocketbooks, handbags, and purses	4	
13	Abrasive wheels, stones, paper, cloth, and related products	1	
	Asbestos products (except steam packing and pipe and boiler covering)	1	
	China firing and decorating (for the trade)	1	
	Minerals and earths, ground or otherwise treated	1	
	Statuary and art goods (except stone and concrete)—factory production	6	
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	5	
14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	3	
	Doors, window sash, frames, molding, and trim (made of metal)	9	289
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	1	
	Enameling, japanning, and lacquering	5	
	Firearms	2	

See footnote at end of table.

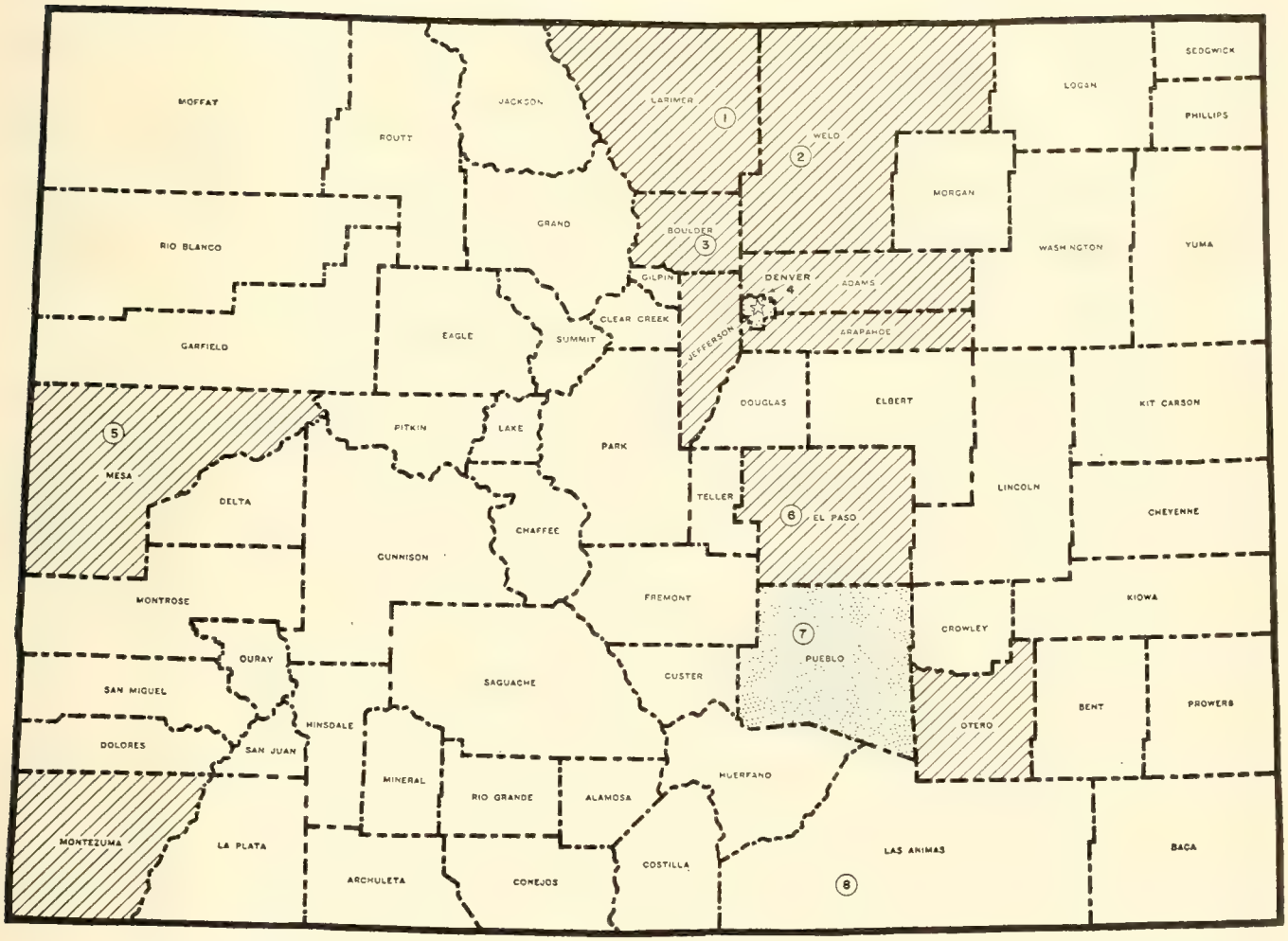
TABLE 12. INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE LOS ANGELES AND SAN FRANCISCO-OAKLAND INDUSTRIAL AREAS, AND FOR LONG BEACH, LOS ANGELES, OAKLAND, SACRAMENTO, SAN DIEGO, AND SAN FRANCISCO: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	CITY OF SAN FRANCISCO—Continued		
14	Forgings, iron and steel—made in plants not operated in connection with rolling mills	2	
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	4	
	Hardware not elsewhere classified	5	277
	Heating and cooking apparatus, except electric, not elsewhere classified	1	
	Oil burners, domestic and industrial	3	
	Safes and vaults	1	
	Saws	1	
	Screw-machine products and wood screws	4	
	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	3	
	Stamped and pressed metal products (except automobile stampings)	8	207
	Steam fittings, regardless of material	2	
	Steel barrels, kegs, and drums	1	
	Steel works and rolling mills	1	
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	6	150
	Tin cans and other tinware not elsewhere classified	5	970
	Tools (except edge tools, machine tools, files, and saws)	3	15
	Wirework not elsewhere classified	7	124
	Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills	1	
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	6	
	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	1	
	Aluminum ware, kitchen, hospital, and household (except electrical appliances)	1	
	Lapidary work	4	
	Secondary smelting and refining, gold, silver, and platinum	2	
	Silverware and plated ware	2	
	Tin and other foils (except gold and silver foil)	1	
16	Carbon products for the electrical industry, and manufactures of carbon or artificial graphite	1	
	Electrical appliances	2	
	Radios, radio tubes, and phonographs	1	
	Wiring devices and supplies	2	
17	Agricultural machinery (except tractors)	2	
	Blowers; exhaust and ventilating fans	1	
	Cars and trucks, industrial	2	
	CITY OF SAN FRANCISCO—Continued		
17	Commercial laundry, dry-cleaning, and pressing machinery	2	
	Construction and similar machinery (except mining and oil-field machinery and tools)	2	
	Industrial machinery, not elsewhere classified	5	26
	Internal-combustion engines	1	
	Laundry equipment, domestic	1	
	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	1	
	Mechanical power-transmission equipment	5	125
	Metalworking machinery and equipment, not elsewhere classified	3	
	Mining machinery and equipment	2	
	Office and store machines not elsewhere classified	1	
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	6	
	Steam engines, turbines, and water wheels	1	
	Tractors	1	
19	Boat building and boat repairing	2	
20	Beauty-shop and barber-shop equipment	3	20
	Brushes	2	
	Carbon paper and inked ribbons	1	
	Costume jewelry and costume novelties (jewelry other than fine jewelry)	1	
	Dental equipment and supplies	1	
	Fabricated plastic products, not elsewhere classified	1	
	Feathers, plumes, and artificial flowers	2	
	Fire extinguishers, chemical	2	
	Furs, dressed and dyed	2	
	Games and toys (except dolls and children's vehicles)	2	
	Lamp shades	1	
	Musical instruments, parts, and materials not elsewhere classified	2	
	Ophthalmic goods: lenses and fittings	2	
	Optical instruments and lenses	1	
	Organs	1	
	Photographic apparatus and materials and projection equipment (except lenses)	4	15
	Professional and scientific instruments (except surgical and dental)	2	
	Signs, advertising displays, and advertising novelties	22	146
	Soda fountains, beer dispensing equipment, and related poducts	5	17
	Sporting and athletic goods not elsewhere classified	5	
	Surgical and medical instruments	1	

[1] For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and of industry groups, pp. 27.

COLORADO

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939



KEY TO PLACES

BOULDER	3
COLORADO SPRINGS	6
DENVER	4
FORT COLLINS	1
GRAND JUNCTION	5
GREELEY	2
PUEBLO	7
TRINIDAD	8

UNDER 250 WAGE EARNERS

250 TO 999 WAGE EARNERS

1,000 OR MORE WAGE EARNERS

PLACES OF 10,000 TO 99,999 POPULATION

PLACES OF 100,000 OR MORE POPULATION

Prepared by the Bureau of the Census, Department of Commerce

COLORADO

TABLE 1. SUMMARY FOR THE STATE: 1939, 1937, AND 1929

CENSUS YEAR	Number of establishments	Proprietors and firm members	Number of persons employed in manufacturing [1]	Salaries and wages [1]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2]	Value of products [2]	Value added by manufacture [3]
1939	1,298	921	27,896	$37,503,264	$130,386,505	$221,642,666	$91,256,161
1937	1,233	740	31,129	42,052,535	145,735,123	247,838,370	92,103,247
1929	1,495	866	33,723	48,759,330	175,113,774	286,732,996	111,619,222

[1] Figure for 1939 does not include data for employees of manufacturing establishments (except salaried officers of corporations) who were engaged in distribution, construction, and other nonmanufacturing work. For detail, see table 8. It is not known to what extent data for such nonmanufacturing employees were included in figures reported for earlier years. See GENERAL EXPLANATIONS—Persons engaged—general classification.

[2] The aggregates for cost of materials, etc., and value of products include large amounts of duplication due to the use of the products of some industries as materials by others. See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 2.- SUMMARY FOR COUNTIES AND PLACES: 1939

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2,3]	Value of products [2,3]	Value added by manufacture [4]
The State	1,123,296	[5] 1,298	23,719	$28,391,933	$130,386,505	$221,642,666	$91,256,161
COUNTIES [5]							
Adams	22,481	22	484	569,541	8,169,727	11,656,138	3,486,411
Alamosa	10,484	9	37	44,735	331,162	505,676	174,514
Arapahoe	32,150	16	358	556,175	683,565	1,752,822	1,069,257
Archuleta	3,806	6	47	34,690	40,411	106,308	65,897
Baca [6]	6,207	1					
Bent [6]	9,653	9	78				
Boulder	37,438	32	433	448,643	2,217,332	3,763,989	1,546,657
Chaffee [6]	8,109	7	43				
Cheyenne [6]	2,964						
Clear Creek	3,784	5	13	10,368	19,153	47,605	28,452
Conejos	11,648	7	24	17,972	154,835	255,896	101,061
Costilla [6]	7,533	1					
Crowley [6]	5,398	5	127				
Custer [6]	2,270	1					
Delta	16,470	16	181	172,628	931,200	1,319,148	387,948
Denver (coextensive with city of Denver)	322,412	620	11,477	13,435,820	59,036,069	107,715,060	48,678,991
Dolores	1,958	3	18	7,380	6,500	23,580	17,080
Douglas [6]	3,496	6	128				
Eagle	5,361	7	31	51,875	37,689	146,426	108,737
Elbert [7]	5,460						
El Paso	54,025	62	421	497,615	1,584,309	3,163,302	1,578,993
Fremont	19,742	16	189	238,410	680,063	1,675,588	995,525
Garfield	10,560	9	36	30,645	85,919	176,905	90,986
Gilpin [6]	1,625	2					
Grand	3,587	9	53	57,083	23,705	128,273	104,568
Gunnison	6,192	4	46	41,372	53,013	161,117	108,104
Hinsdale [7]	349						
Huerfano	16,088	7	29	22,128	88,507	164,948	76,441
Jackson [6]	1,798	3	96				
Jefferson	30,725	15	378	447,067	1,526,910	3,542,687	2,015,777
Kiowa [6]	2,793	1					
Kit Carson [6]	7,512	1					
Lake [6]	6,883	3	198				
La Plata	15,494	21	140	108,720	553,055	932,401	379,346
Larimer	35,539	47	681	714,140	3,887,322	6,911,092	3,023,770
Las Animas	32,369	28	205	185,277	1,608,066	2,393,107	785,041
Lincoln [6]	5,882	2					
Logan	18,370	12	181	217,690	1,289,768	2,013,387	723,619
Mesa	33,791	32	266	229,552	908,828	1,596,285	687,457
Mineral [6]	975	2					
Moffat [6]	5,086	3	43				
Montezuma	10,463	6	254	206,592	230,021	522,195	292,174
Montrose	15,418	16	68	52,044	267,509	467,640	200,131
Morgan	17,214	18	230	260,701	2,012,507	2,716,892	704,385
Otero	23,571	27	448	418,994	2,433,135	3,532,481	1,099,346
Ouray [6]	2,089	2					
Park	3,272	5	18	12,048	2,742	20,113	17,371
Phillips [6]	4,948	3	6				
Pitkin [6]	1,836	1					
Prowers	12,304	16	174	123,926	731,810	1,142,215	410,405

See footnotes at end of table.

TABLE 2.—SUMMARY FOR COUNTIES AND PLACES: 1939—Continued

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
COUNTIES [5]—continued							
Pueblo	68,870	72	5,019	$7,171,543	$25,481,728	$41,212,184	$15,730,456
Rio Blanco [6]	2,943	4	6				
Rio Grande	12,404	7	53	58,240	267,310	442,761	175,451
Routt	10,525	9	35	32,124	51,298	128,100	76,802
Saguache [6]	6,173	3	4				
San Juan [6]	1,439	1					
San Miguel [6]	3,664	1					
Sedgwick [6]	5,294	3	124				
Summit [7]	1,754						
Teller [6]	6,463	2					
Washington [6]	8,336	2					
Weld	63,747	41	761	846,959	5,010,909	7,870,136	2,859,227
Yuma	12,102	7	14	12,682	30,899	64,974	34,075
Undistributed [8]		69	915	1,056,554	9,949,529	13,371,235	3,421,706
PLACES HAVING 10,000 OR MORE INHABITANTS							
Boulder	12,958	16	125	135,457	277,062	697,041	419,979
Colorado Springs	36,789	52	379	447,485	1,507,518	2,959,576	1,452,058
Denver (coextensive with Denver County)	322,412	620	11,477	13,435,820	59,036,069	107,715,060	48,678,991
Fort Collins	12,251	14	88	88,302	406,376	724,471	318,095
Grand Junction	12,479	19	117	132,085	462,430	917,314	454,884
Greeley [9]	15,995	21	162				
Pueblo [9]	52,162	57	593				
Trinidad	13,223	20	115	130,411	1,145,757	1,791,657	645,900

[1] Not including salaried officers and employees nor nonmanufacturing wage earners. The figure for each county or place is an average of the numbers reported for the several months of the year. In calculating it, equal weight must be given to full-time and to part-time wage earners (not reported separately by the manufacturers), and for this reason it exceeds the number that would have been required to perform the work done in the industries if all wage earners had been continuously employed throughout the year. The quotient obtained by dividing the amount of wages by the average number of wage earners cannot, therefore, be accepted as representing the average wage received by full-time wage earners. Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several counties do not add exactly to the average for the State. In making comparisons between the figures for 1939 and those for earlier years, the possibility that the proportion of part-time employment varied from year to year should be taken into account.

[2] Profits and losses cannot be calculated from the census figures because no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, and advertising.

[3] See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

[5] For numbers of establishments by "Industry groups," see table 10.

[6] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Undistributed" figures.

[7] No manufacturing reported.

[8] The "Undistributed" figure for number of establishments and a part of the "Undistributed" figure for number of wage earners are included above in the items for the respective counties. The sums of the figures in these two columns are, therefore, larger than the corresponding State totals.

[9] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments.

TABLE 3.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, BY SEX: 1939 AND 1929

[The 1939 questionnaire, for the first time, called for data on the *total* number of employees in manufacturing establishments, including those engaged wholly or chiefly in distribution, construction, and other nonmanufacturing activities. It is not known to what extent data for such employees were included in the figures reported for earlier years. This table presents detailed figures for employees receiving pay at any time within the *normal* pay-roll period ended nearest Oct. 14, 1939, and for such employees on the pay roll on Dec. 14, 1929, or on the nearest *representative* date. The total for "Wage earners engaged in manufacturing" is not identical with the average for the year given in other tables, and differs from the number reported for October 1939 or for December 1929, because for both years some manufacturers gave wage-earner figures for months other than those specified. See GENERAL EXPLANATIONS—Persons engaged—general classification]

CLASS AND SEX	1939 (Oct. 14)[1]	1929 (Dec. 14)[1]
All classes, aggregate[2]	38,580	33,650
Male	33,119	29,163
Female	5,461	4,487
Salaried officers and employees, total	8,971	5,720
Male	7,104	4,344
Female	1,867	1,376
Salaried officers of corporations, total	633	837
Male	574	784
Female	59	53
All other employees (except wage earners in manufacturing), total	8,338	4,883
Male	6,530	3,560
Female	1,808	1,323
Salaried officers and employees—Continued.		
All other employees, etc.—Continued.		
Engaged in manufacturing:		
Male	2,686	(3)
Female	858	
Engaged in distribution:		
Male	3,174	
Female	933	
Engaged in construction:		
Male	496	
Engaged in other work:		
Male	174	
Female	17	
Wage earners engaged in manufacturing, total	29,609	27,930
Male	26,015	24,819
Female	3,594	3,111

[1] See headnote.
[2] Figures do not include data for 921 proprietors and firm members for 1939 and 866 for 1929, which were not reported by sex for 1939.
[3] No data.

TABLE 4.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS: 1939, 1937, AND 1929

[The figures for 1939 relate to wage earners engaged in manufacturing only. It is not known to what extent the figures for earlier years include data for nonmanufacturing wage earners. See headnote to table 3]

CENSUS YEAR	Average number employed during year[1]	NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH—											
		January	February	March	April	May	June	July	August	September	October	November	December
1939	23,719	19,754	20,019	20,688	21,376	22,400	23,356	24,183	23,841	25,820	29,506	28,395	25,295
1937	25,932	22,909	22,655	23,454	24,554	25,357	26,333	27,645	27,832	28,649	30,653	28,001	23,141
1929	28,003	24,601	24,552	25,128	26,162	26,859	27,759	28,319	29,014	29,094	32,654	31,267	30,617

[1] See GENERAL EXPLANATIONS—Wage earners and wages.

TABLE 5.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY NUMBER OF WAGE EARNERS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR)[1]		VALUE OF PRODUCTS	VALUE ADDED BY MANUFACTURE[2]
	1939	1929	1939	1929	1939	1939
All establishments	1,298	1,495	23,719	28,003	$221,642,666	$91,256,161
No wage earners	47	65			521,741	270,540
1 to 5	688	832	1,889	2,118	15,319,109	7,253,020
6 to 20	350	369	3,737	4,041	30,058,748	13,225,442
21 to 50	128	122	4,079	3,785	38,813,527	15,946,992
51 to 100	54	56	3,879	3,835	31,398,981	14,287,752
101 to 250	22	41	3,550	6,092	39,956,491	11,829,445
251 to 500	7	7	[3] 6,585	8,132	65,574,069	28,442,970
501 to 1,000						
1,001 to 2,500	1	3				
2,501 or more	1					

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Combined to avoid disclosing data for individual establishments.

TABLE 6.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY VALUE OF PRODUCTS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
All establishments	1,298	1,495	23,719	28,003	$221,642,666	$286,732,996	$91,256,161	$111,619,222
$5,000 to $19,999	559	638	1,542	1,492	6,257,708	7,174,915	3,657,302	4,593,518
$20,000 to $49,999	286	355	1,807	2,007	8,967,581	10,955,646	4,808,684	6,411,456
$50,000 to $99,999	154	182	1,560	1,960	10,898,365	12,761,912	5,395,625	6,616,737
$100,000 to $249,999	156	154	3,506	3,861	24,121,467	24,388,160	11,416,591	12,324,401
$250,000 to $499,999	73	77	3,324	3,323	25,798,245	27,658,851	12,362,362	11,934,758
$500,000 to $999,999	31	37	2,351	2,455	22,784,614	25,644,095	9,064,681	9,007,809
$1,000,000 to $2,499,999	29	36	3,065	4,221	43,181,695	55,478,187	15,987,945	20,372,769
$2,500,000 to $4,999,999	4	7	1,050	1,423	16,963,755	25,350,355	5,374,947	8,314,476
$5,000,000 and over	6	9	5,514	7,261	62,669,236	97,320,875	23,188,024	32,043,298

[1] See headnotes to tables 3 and 4.

[2] See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 7.—ESTABLISHMENTS CLASSIFIED AS UNDER CORPORATE OR OTHER FORM OF OWNERSHIP (OR CONTROL) AND AS UNDER CENTRAL-ADMINISTRATIVE-OFFICE OR INDEPENDENT OPERATION: 1939 AND 1929

TYPE OF OWNERSHIP OR CONTROL, AND OF OPERATION	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
Total	1,298	1,495	23,719	28,003	$221,642,666	$286,732,996	$91,256,161	$111,619,222
TYPE OF OPERATION								
1939 [3]								
Corporate ownership or control:								
Central-administrative-office (plural-unit)	241	(3)	12,780	(3)	134,475,916	(3)	46,987,600	(3)
Independent (single-unit)	390	(3)	7,682	(3)	63,730,126	(3)	34,248,527	(3)
Noncorporate ownership:								
Central-administrative-office (plural-unit)	37	(3)	432	(3)	5,313,987	(3)	1,383,367	(3)
Independent (single-unit)	630	(3)	2,825	(3)	18,122,637	(3)	8,636,667	(3)
1939 AND 1929 [3]								
Central-administrative-office (plural-unit), corporate and noncorporate	278	211	13,212	13,617	139,789,903	183,552,937	48,370,967	62,411,814
Independent (single-unit), corporate and noncorporate	1,020	1,284	10,507	14,386	81,852,763	103,180,059	42,885,194	49,207,408
TYPE OF OWNERSHIP OR CONTROL								
Corporate	631	760	20,462	24,669	198,206,042	266,213,736	81,236,127	101,488,236
Noncorporate, total	667	735	3,257	3,334	23,436,624	20,519,260	10,020,034	10,130,986
Individual	446	(4)	1,809	(4)	10,161,311	(4)	5,075,212	(4)
Partnership	208	(4)	1,386	(4)	12,451,931	(4)	4,675,523	(4)
Cooperative	10	(4)	48	(4)	572,873	(4)	161,527	(4)
Other	3	(4)	14	(4)	250,509	(4)	107,772	(4)

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Because of changes in the questionnaire, no comparable figures for 1929 can be given for the first section of this table. For this reason, the items have been regrouped under "1939 and 1929" to present comparable figures so far as this can be done.
[4] No data.

TABLE 8.—GENERAL STATISTICS FOR

[This table presents separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments, are given, however, reported larger numbers of wage earners

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1]						
					Total [2]	Salaried officers of corporations [2]	Manufacturing		Distribution	Construction	Other
							Salaried employees [2]	Wage earners (average for year) [3]			
1		All industries, total	1,298	921	32,690	633	3,544	23,719	4,107	496	191
2	1	Beet sugar	17		2,198	3	347	1,730		49	69
3	1	Biscuit, crackers, and pretzels	3	1	473	6	26	372	68		1
4	8	Bookbinding and related industries	7	8	59	4	4	49	2		
5	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	152	164	1,821	24	122	1,439	218		18
6	13	Brick and hollow structural tile	28	5	534	22	36	400	63	13	
7	20	Brooms	4	4	112	3	3	98	8		
8	1	Candy and other confectionery products	18	13	320	5	20	246	49		
9	1	Canned and dried fruits and vegetables (including canned soups)	18	7	569	9	44	510	1	2	3
10	1	Canvas products (except bags)	4		84	6	6	50	21		1
11	6	Caskets, coffins, burial cases, and other morticians' goods	8	2	84	8	10	55	10		1
12	1	Cheese	11	5	39	2	3	28	4		2
13	9	Chemicals n. e. c.	3		78	2	6	69		1	
14	13	Clay refractories, including refractory cement (clay)	4		242	3	19	220			
15	9	Cleaning and polishing preparations, blackings, and dressings	4	4	26	1		5	20		
16	9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	6	3	68	3	11	34	20		
17	13	Concrete products	11	5	119	6	8	100	5		
18	1	Condensed and evaporated milk	6	2	88		7	76	5		
19	1	Creamery butter	49	27	598	23	93	310	164		8
20	20	Dental equipment and supplies	4	1	54		5	40	9		
21	9	Drugs and medicines (including drug grinding)	13	3	108	15	14	59	19	1	
22	8	Engraving (steel, copperplate, and wood); plate printing	3	3	38	1	7	27	3		
23	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	11	3	302	13	33	225	28	3	
24	1	Flavoring extracts and flavoring sirups, not elsewhere classified	5	2	19	3	2	8	6		
25	1	Flour and other grain-mill products	38	22	611	8	96	424	70	8	5
26	1	Food preparations, not elsewhere classified	17	13	199	5	15	145	33		1
27	8	General commercial (job) printing	79	66	802	34	87	606	75		
28	14	Gray-iron and semisteel castings	14	10	459	5	36	414	4		
29	9	Grease and tallow (except lubricating greases)	6		78	9	7	62			
30	4	Housefurnishings (except curtains, draperies, and bedspreads)	5	6	238	1	8	122	107		
31	6	Household furniture, except upholstered	3	2	46	1		41	4		
32	1	Ice cream and ices	37	26	338	11	41	168	111	1	6
33	1	Ice, manufactured	21	2	371	16	17	141	187	2	8
34	17	Industrial machinery, not elsewhere classified	3		814	3	155	584	12	17	43
35	9	Insecticides, fungicides, and related industrial and household chemical compounds	5		39	6	2	11	20		
36	15	Jewelry (precious metals)	5	6	50		4	44	2		
37	8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	5	2	93	1	10	72	10		
38	5	Logging camps and logging contractors (not operating sawmills)	3	2	20		1	17	2		
39	9	Lubricating oils and greases—not made in petroleum refineries	6	5	26	3	3	12	8		
40	1	Macaroni, spaghetti, vermicelli, and noodles	3	2	86	2	8	67	9		
41	8	Machine and hand typesetting (including advertisement typesetting)	5	4	25	2	1	21	1		
42	17	Machine-shop products, not elsewhere classified	16	6	139	16	16	102	5		
43	17	Machine-shop repairs	18	22	91	6	9	76			
44	1	Malt liquors	4		357	6	39	204	104		4
45	6	Mattresses and bedsprings	8	5	174	8	13	135	17		1
46	1	Meat packing, wholesale	26	28	2,356	16	353	1,477	501	5	4
47	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	3		178	5	5	161	5		2
48	13	Minerals and earths, ground or otherwise treated	3	1	43	2	1	32	6	2	
49	17	Mining machinery and equipment	5	1	161	6	11	112	32		
50	20	Miscellaneous fabricated products not elsewhere classified	4	4	46	3	3	38	2		
51	4	Miscellaneous fabricated textile products not elsewhere classified	3	2	63	1	9	47	1	5	
52	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	10	6	101	5	11	79	6		
53	18	Motor vehicles, motor-vehicle bodies, parts and accessories	8	6	167	6	23	129	9		
54	8	Newspapers: publishing and printing	101	98	1,742	50	475	912	301		4
55	8	Newspapers, publishing without printing	4	2	23	1	18		4		
56	1	Nonalcoholic beverages	41	43	386	25	34	174	153		
57	15	Nonferrous-metal foundries (except aluminum)	6	4	134	1	14	119			
58	9	Paints, varnishes, and lacquers	5		112	2	8	71	31		
59	7	Paperboard containers and boxes not elsewhere classified	7	1	166	8	20	121	15	2	
60	6	Partitions, shelving, cabinet work, and office and store fixtures	7	7	65	3	2	56	4		
61	8	Periodicals: publishing and printing	6	1	172	8	49	94	21		
62	8	Periodicals: publishing without printing	14	9	33	1	19	4	9		
63	10	Petroleum refining	7	1	225	4	32	142	11	36	
64	8	Photoengraving, not done in printing establishments (including preparation of plates)	5	8	57	3	12	42			
65	1	Pickled fruits and vegetables and vegetable sauces and seasonings	7	8	214	4	10	179	21		
66	5	Planing mills not operated in conjunction with sawmills	18	18	251	5	18	216	11		1

See footnotes at end of table.

THE STATE, BY INDUSTRIES: 1939

and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures or larger values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
44,508,456	2,545,259	6,566,072	28,391,933	6,088,374	619,420	297,398	130,386,505	121,497,123	6,721,673	1,534,341	633,368	221,642,666	91,256,161	1
(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	2
(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	3
57,858	10,920	4,625	40,390	1,923	----	----	33,277	29,396	1,088	1,393	1,400	153,099	119,822	4
2,213,925	100,239	193,153	1,726,496	182,535	----	11,502	3,938,871	3,749,468	94,248	95,155	----	8,422,889	4,484,018	5
637,383	71,617	66,023	425,640	67,955	6,148	----	462,007	221,032	189,385	48,314	3,276	1,458,123	996,116	6
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	7
291,177	23,259	32,754	183,232	50,932	----	1,000	649,226	621,492	11,935	15,799	----	1,374,027	724,801	8
353,177	25,689	50,064	266,350	1,723	1,188	8,163	1,100,189	1,065,803	20,115	14,271	----	2,057,699	957,510	9
114,969	25,449	9,671	48,973	30,731	----	145	226,751	223,178	1,184	2,339	50	367,408	140,657	10
123,001	35,136	12,906	58,344	15,715	----	900	218,107	216,028	891	1,188	----	481,081	262,974	11
42,661	4,920	5,200	27,697	3,750	----	1,094	385,825	374,822	6,341	4,662	----	513,218	127,393	12
(5)	(5)	(5)	(5)	----	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	13
326,824	13,800	41,545	271,479	----	----	----	313,518	231,559	65,766	16,193	----	898,023	584,505	14
24,070	3,300	----	5,431	15,339	----	----	14,723	14,199	355	16	----	72,919	58,196	15
120,198	11,900	26,849	52,649	28,800	----	----	274,034	234,746	2,806	36,482	----	701,461	427,427	16
137,077	15,344	13,124	104,043	4,566	----	----	328,133	314,928	7,744	5,461	----	687,979	359,846	17
(5)	----	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	18
726,516	85,150	136,757	289,152	207,960	2,272	5,225	5,192,349	5,034,113	57,970	95,745	4,521	6,627,153	1,434,804	19
56,206	----	8,932	32,629	14,645	----	----	51,934	50,453	921	560	----	128,894	76,960	20
161,217	52,418	24,476	60,018	22,176	1,313	816	360,291	353,953	3,296	3,042	----	803,855	443,564	21
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	22
447,312	39,911	64,356	286,485	55,558	1,002	----	1,594,055	1,562,225	6,814	13,192	11,824	2,517,699	923,644	23
29,893	13,090	819	8,571	7,413	----	----	89,684	88,038	508	1,138	----	132,591	42,907	24
828,711	15,043	185,287	511,619	105,515	9,538	1,709	5,235,756	5,103,964	35,177	96,615	----	6,916,494	1,680,738	25
205,928	24,264	24,866	121,635	33,640	----	1,523	730,885	713,659	9,873	7,353	----	1,467,011	736,126	26
1,280,554	103,462	172,694	873,542	130,856	----	----	1,109,752	957,679	9,439	30,847	111,787	3,102,354	1,992,602	27
613,958	21,380	72,474	516,016	4,088	----	----	962,269	850,373	95,244	15,692	960	2,027,421	1,065,152	28
(5)	(5)	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	29
146,121	3,000	11,279	85,371	46,471	----	----	312,247	310,559	693	995	----	688,994	376,747	30
39,010	2,400	----	34,023	2,587	----	----	45,074	41,712	113	1,097	2,152	97,445	52,371	31
369,472	32,359	61,598	163,662	103,877	3,660	4,316	1,591,467	1,511,032	19,347	61,088	----	2,774,369	1,182,902	32
428,767	70,610	21,486	182,328	149,658	2,203	2,482	180,631	34,556	100,750	45,325	----	1,050,621	869,990	33
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	34
49,226	11,803	1,700	7,518	28,205	----	----	102,186	101,235	416	535	----	229,192	127,006	35
46,430	----	3,749	42,518	163	----	----	59,419	57,940	374	817	288	150,832	91,413	36
144,990	8,500	14,062	91,169	31,259	----	----	192,569	181,752	1,154	2,756	6,907	451,068	258,499	37
12,200	----	400	11,500	300	----	----	7,694	7,694	----	----	----	30,313	22,619	38
27,185	4,690	2,911	10,742	8,842	----	----	30,284	26,747	1,042	2,495	----	83,689	53,405	39
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	40
37,266	6,900	390	29,096	880	----	----	14,619	11,422	555	769	1,873	78,335	63,716	41
201,938	39,111	24,300	124,875	13,652	----	----	215,004	201,064	6,901	6,957	82	521,062	306,058	42
113,211	13,199	13,288	86,724	----	----	----	96,248	84,393	3,725	6,260	1,870	325,662	229,414	43
621,951	40,840	108,444	316,162	152,355	1,619	2,531	977,890	922,828	54,058	1,004	----	2,562,313	1,584,423	44
197,593	28,936	18,121	128,803	21,178	----	555	376,337	367,266	3,251	5,820	----	705,677	329,340	45
3,613,637	58,107	773,507	1,898,010	874,396	5,479	4,138	27,397,382	27,122,305	173,346	101,731	----	33,005,533	5,608,151	46
(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	47
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	48
277,110	48,846	22,088	138,608	67,568	----	----	632,112	619,226	4,542	6,344	2,000	1,115,380	483,268	49
38,750	3,630	4,440	28,309	2,371	----	----	98,464	85,320	647	601	11,896	177,329	78,865	50
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	51
118,395	9,798	15,476	85,149	7,972	----	----	83,042	75,641	1,654	5,747	----	309,382	226,340	52
227,350	19,330	32,823	154,351	20,846	----	----	281,540	267,402	2,599	6,039	5,500	668,181	386,641	53
2,879,420	248,918	841,763	1,357,877	417,885	----	12,977	2,746,603	2,450,090	24,567	78,027	193,919	8,842,812	6,096,209	54
18,961	2,340	13,068	----	3,553	----	----	32,906	120	----	----	32,786	64,488	31,582	55
469,245	62,799	49,905	137,794	218,747	----	----	982,716	953,567	13,594	15,555	----	2,186,671	1,203,955	56
(5)	(5)	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	57
161,080	12,396	15,874	70,073	62,737	----	----	732,177	719,059	2,689	10,429	----	1,441,161	708,984	58
213,327	38,506	25,847	119,402	26,548	3,024	----	417,692	409,306	3,117	5,269	----	805,417	387,725	59
105,766	13,314	3,136	82,664	6,652	----	----	136,643	128,719	1,210	3,834	2,880	324,261	187,618	60
260,178	18,196	77,661	132,284	32,037	----	----	138,419	129,603	547	6,317	1,952	499,013	360,594	61
43,990	5,947	25,927	6,029	6,087	----	----	63,604	6,273	130	24	57,177	160,972	97,368	62
373,246	17,895	75,599	230,687	16,467	32,598	----	4,385,444	4,208,985	117,336	59,123	----	6,407,038	2,021,594	63
127,745	22,000	12,554	93,191	----	----	----	49,129	30,830	835	2,652	14,812	246,188	197,059	64
183,976	17,211	13,281	123,581	19,903	----	----	596,553	580,591	10,923	5,039	----	1,019,566	423,013	65
330,362	12,300	33,730	256,403	27,629	----	300	411,112	398,113	2,956	9,693	350	867,419	456,307	66

TABLE 8.—GENERAL STATISTICS FOR

	Group	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
1	13	Pottery products not elsewhere classified	3	3	183	6	12	163	2	.....	.....
2	1	Poultry dressing and packing, wholesale	9	11	34	1	.....	30	3	.....	.....
3	1	Prepared feeds (including mineral) for animals and fowls	38	13	460	13	61	369	14	3	.....
4	17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	3	2	50	5	4	27	14	.....	.....
5	12	Saddlery, harness, and whips	6	2	106	9	11	77	8	.....	1
6	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	76	69	944	12	45	839	27	21	.....
7	15	Sheet-metal work not specifically classified	5	5	280	8	12	209	51	.....	.....
8	20	Signs, advertising displays, and advertising novelties	16	17	191	13	30	118	30	.....	.....
9	20	Sporting and athletic goods, not elsewhere classified	6	4	158	4	20	125	9	.....	.....
10	14	Stamped and pressed metal products (except automobile stampings)	4	3	78	6	5	58	8	1	.....
11	20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	3	3	12	1	.....	6	5	.....	.....
12	6	Upholstered household furniture	4	8	117	.....	9	104	4	.....	.....
13	1	Vinegar and cider	3	.....	14	.....	1	12	1	.....	.....
14	6	Wooden boxes (except cigar boxes)	3	2	68	2	4	61	1	.....	.....
15	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	4	2	312	5	12	283	11	1	.....
16		Other industries [6]	211	92	14,838	138	1,421	11,341	1,417	398	123
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]									
17	1	Food and kindred products	40	7	2,983	13	400	2,367	84	49	70
18	4	Apparel and other finished products made from fabrics and similar materials	21	12	883	15	44	775	41	6	2
19	6	Furniture and finished lumber products	7	6	97	.....	7	89	1	.....	.....
20	8	Printing, publishing, and allied industries	9	8	89	5	15	56	13	.....	.....
21	9	Chemicals and allied products	19	2	372	18	35	291	22	2	4
22	13	Stone, clay, and glass products	19	13	639	13	38	521	65	2	.....
23	16	Electrical machinery	5	.....	55	3	5	37	10	.....	.....
24	17	Machinery (except electrical)	23	9	1,202	26	197	874	45	17	43
25	20	Miscellaneous industries	15	9	257	13	14	173	57	.....	.....
26	10	Products of petroleum and coal	3	.....	377	2	38	290	47	.....	.....
	12	Leather and leather products	6	3	299	4	20	239	36	.....	.....
	14	Iron and steel and their products, except machinery	20	9	4,488	15	251	4,083	46	91	2
	15	Nonferrous metals and their products	18	12	548	6	85	438	12	5	2
	2	Tobacco manufactures	1								
	7	Paper and allied products	1	2	2,549	5	272	1,108	938	226	.....
	11	Rubber products	1								
	18	Automobiles and automobile equipment	2								
	19	Transportation equipment, except automobiles	1								

* As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.
[2] Figures do not include data for personnel of central-administrative offices.
[3] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

THE STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	1
18,649	225	----	12,336	6,088	----	----	277,554	276,425	810	319	----	338,625	61,071	2
396,751	26,765	95,967	253,484	15,608	4,927	----	2,829,806	2,718,613	31,336	79,857	----	4,202,078	1,372,272	3
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	4
150,597	27,714	18,358	93,258	10,227	----	1,040	150,692	148,013	956	1,723	----	359,073	208,381	5
845,134	35,719	78,027	688,170	30,242	12,976	----	625,839	526,925	34,537	1,464	62,913	1,864,877	1,239,038	6
407,119	43,704	22,350	240,785	100,289	----	----	996,898	978,145	5,050	13,703	----	1,611,739	614,841	7
321,974	47,143	44,090	174,968	55,773	----	----	180,619	168,624	2,911	4,555	4,529	869,484	688,865	8
137,250	11,920	16,295	96,914	12,121	----	----	97,995	94,627	1,213	2,155	----	300,880	202,885	9
146,043	48,996	8,281	71,526	14,774	2,466	----	85,783	76,384	1,950	2,300	5,149	274,942	189,159	10
9,855	2,340	----	3,568	3,947	----	----	10,060	9,739	----	252	69	39,014	28,954	11
139,589	----	17,604	111,089	10,896	----	----	366,469	362,851	1,441	2,177	----	599,126	232,657	12
(5)	----	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	13
56,276	7,388	4,495	43,193	1,200	----	----	85,193	81,743	30	3,420	----	181,276	96,083	14
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	15
21,208,706	723,173	2,795,623	14,453,348	2,470,573	529,007	236,982	58,020,754	51,998,576	5,467,268	464,464	90,446	102,199,771	44,179,017	16
4,051,142	123,398	808,581	2,797,967	124,615	33,339	163,242	18,017,487	17,031,202	922,458	63,827	----	27,883,444	9,865,957	17
724,864	49,630	67,045	561,162	42,637	3,167	1,223	2,509,301	2,490,237	5,526	12,952	586	3,600,233	1,090,932	18
89,850	----	9,434	78,076	2,340	----	----	698,275	673,429	11,838	3,684	9,324	918,579	220,304	19
117,137	9,527	21,937	60,646	25,027	----	----	89,196	63,371	318	2,927	22,580	290,489	201,293	20
582,911	58,965	96,563	376,483	42,876	7,247	777	1,342,701	1,248,051	65,109	27,481	2,060	2,771,073	1,428,372	21
803,133	43,035	88,738	582,511	85,648	3,201	----	1,086,582	659,564	371,449	54,555	1,014	3,446,764	2,360,182	22
72,676	6,917	10,072	42,730	12,957	----	----	130,031	123,483	3,688	2,332	528	237,904	107,873	23
1,841,262	153,659	332,488	1,172,473	91,459	22,861	68,322	2,046,386	1,894,308	47,307	57,029	47,742	4,621,836	2,575,450	24
331,765	48,380	19,428	172,905	91,052	----	----	348,240	341,859	1,657	4,508	216	896,932	548,692	25
12,593,966	229,662	1,341,337	8,608,395	1,951,962	459,192	3,418	31,752,555	27,473,072	4,037,918	235,169	6,396	57,532,517	25,779,962	26

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[6] For numbers of establishments and of wage earners in individual industries, see table 11.

TABLE 9.—GENERAL STATISTICS FOR DENVER, BY INDUSTRIES: 1939

[This table presents separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures are given have more or fewer establishments, larger numbers of wage earners or larger values of products than some of those shown separately. No data for nonmanufacturing performed, except [illegible] and [illegible] are included in this table.]

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [2]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
	All industries, total	620	146	389	1,956	11,477	$1,741,799	$3,628,111	$13,435,820	$59,036,069	$107,715,060	$48,678,991
1	Biscuit, crackers, and pretzels	3	1	6	26	352	(4)	(4)	(4)	(4)	(4)	(4)
8	Bookbinding and related industries [5]	7	8	4	4	49	10,920	4,625	40,390	33,277	153,099	119,822
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	64	62	15	78	972	79,876	132,674	1,252,335	2,468,948	5,480,258	3,011,310
13	Brick and hollow structural tile	1	3	10	20	240	37,630	39,411	280,597	308,338	942,510	634,172
1	Candy and other confectionery products	14	9	7	18	236	(4)	(4)	(4)	(4)	(4)	(4)
6	Caskets, coffins, burial cases, and other morticians' goods [5]	8	2	8	10	55	35,136	12,906	58,344	218,107	481,681	262,974
9	Cleaning and polishing preparations, blacking, and dressings	4	4	1		5	3,300		5,431	14,723	72,919	58,196
9	Compressed and liquefied gases (not made in petroleum refineries or in natural-gasoline plants) [5]	6	3	3	11	34	11,900	26,849	52,649	274,034	701,461	427,427
13	Concrete products	6	3	4	6	64	1,804	10,068	68,877	302,153	577,805	275,652
1	Creamery butter	11	2	7	50	127	18,750	80,800	123,998	2,461,903	3,138,271	676,368
20	Dental equipment and supplies	4	1		5	40		8,932	32,629	51,934	128,894	76,960
9	Drugs and medicines (including drug grinding)	10	3	11	12	53	45,428	22,906	52,868	337,408	743,314	405,906
8	Engraving (steel, copperplate, and wood), plate printing	3	5	1	7	27	(4)	(4)	(4)	(4)	(4)	(4)
1	Flour and other grain-mill products	4			22	146		(4)	(4)	(4)	(4)	(4)
1	Food preparations, not elsewhere classified	11	8	5	14	128	24,264	23,916	112,806	683,549	1,384,039	700,490
8	General commercial (job) printing	63	57	21	71	521	68,791	147,584	771,345	974,664	2,704,333	1,729,669
14	Gray-iron and semisteel castings	10	6	4	29	229	(4)	(4)	(4)	(4)	(4)	(4)
4	House furnishings (except curtains, draperies, and bedspreads)	5	6	1	8	122	3,000	11,279	85,371	312,247	688,994	376,747
6	Household furniture, except upholstered	3	2	1		41	2,400		34,023	45,074	97,445	52,371
1	Ice cream and ices	12	9	1	13	56	6,200	20,225	54,314	788,665	1,361,577	572,912
9	Insecticides, fungicides, and related industrial and household chemical compounds	5		6	2	11	11,803	1,700	7,518	102,186	229,192	127,006
8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers) [5]	5	2	1	10	72	8,500	14,062	91,169	192,569	451,068	258,499
8	Machine and hand typesetting (including advertisement typesetting)	5	4	2	1	21	6,900	390	29,096	14,619	78,335	63,716
17	Machine-shop products, not elsewhere classified	10	3	10	10	51	24,291	10,800	44,939	135,496	311,514	176,018
17	Machine-shop repairs	4	2	2	5	35	3,219	10,325	41,900	28,617	125,220	96,603
6	Mattresses and bedsprings [5]	8	7	8	13	135	28,936	18,121	128,803	376,337	705,677	329,340
1	Meat packing, wholesale	8	7	8	326	1,163	36,700	715,552	1,517,822	22,019,820	26,242,832	4,223,012
4	Men's and boys' suits, coats, and overcoats (except work clothing) made in inside factories or by jobbers engaging contractors	3		5	5	161	(4)	(4)	(4)	(4)	(4)	(4)
17	Mining machinery and equipment	5	1	6	11	112	48,846	22,088	138,608	632,112	1,115,380	483,268
4	Miscellaneous fabricated textile products not elsewhere classified	3	2	3	9	47	(4)	(4)	(4)	(4)	(4)	(4)
13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	4	4	1	2	23	2,148	3,600	34,336	23,084	102,523	79,439
8	Newspapers: publishing and printing	8	6	10	211	442	(4)	(4)	(4)	(4)	(4)	(4)
1	Nonalcoholic beverages	9	5	12	13	80	35,586	26,261	61,631	556,491	1,195,872	639,381
15	Nonferrous-metal foundries (except aluminum)	6	4	1	14	119	(4)	(4)	(4)	(4)	(4)	(4)
7	Paperboard containers and boxes not elsewhere classified	7	1	8	20	121	38,506	25,847	119,402	417,692	805,417	387,725
6	Partitions, shelving, cabinet work, and office and store fixtures [5]	7	7	3	2	56	13,314	3,136	82,664	136,643	324,261	187,618
8	Periodicals: publishing and printing [5]	6	1	8	49	94	18,196	77,661	132,284	138,419	499,013	360,594
8	Periodicals: publishing without printing	14	9	1	19	4	5,947	25,927	6,029	63,604	160,972	97,368
8	Photoengraving, not done in printing establishments (including preparation of plates) [5]	5	8	3	12	42	22,000	12,554	93,191	49,129	246,188	197,059
5	Planing mills not operated in conjunction with sawmills	11	11	4	11	181	10,800	25,798	213,670	349,931	729,070	379,139
1	Poultry dressing and packing, wholesale	3	5			9			(4)	(4)	(4)	(4)
1	Prepared feeds (including mineral) for animals and fowls	6		6	25	57	(4)	(4)	(4)	(4)	(4)	(4)
17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	3	2	5	4	27	(4)	(4)	(4)	(4)	(4)	(4)
12	Saddlery, harness, and whips [5]	6	2	9	11	77	27,714	18,358	93,258	150,692	359,073	208,381
15	Sheet-metal work not specifically classified	5	5	8	12	209	45,704	22,350	240,785	996,898	1,611,739	614,841

See footnotes at end of table.

TABLE 9.—GENERAL STATISTICS FOR DENVER, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members [1]	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work [3]	Value of products [3]	Value added by manufacture [3]
20	Signs, advertising displays, and advertising novelties [b]	16	17	13	30	118	$47,143	$44,090	$174,968	$180,619	$869,484	$688,865
20	Sporting and athletic goods not elsewhere classified	6	4	4	20	125	11,920	16,295	96,914	97,995	300,880	202,885
14	Stamped and pressed metal products (except automobile stampings)	4	3	6	5	58	48,996	8,281	71,526	85,783	274,942	189,159
20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	3	3	1	.....	6	2,340	.....	3,568	10,060	39,014	28,954
6	Upholstered household furniture	4	8	.....	9	104	.....	17,604	111,089	366,469	599,126	232,657
6	Wooden boxes except cigar boxes	3	2	2	4	61	7,388	4,495	43,193	85,193	181,276	96,083
4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	4	2	5	12	283	(4)	(4)	(4)	(4)	(4)	(4)
	Other industries [5]	243	138	175	1,070	6,069	889,758	1,980,480	6,894,827	22,663,959	51,799,567	29,135,608
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	53	24	33	119	1,185	198,490	222,596	1,210,195	6,744,268	11,959,617	5,215,349
4	Apparel and other finished products made from fabrics and similar materials	24	12	20	46	817	66,979	71,546	597,832	2,666,413	3,858,769	1,192,356
6	Furniture and finished lumber products	5	6	.....	4	16	.....	4,782	17,383	73,594	114,642	41,048
8	Printing, publishing, and allied industries	20	15	16	243	468	102,926	496,306	766,251	2,267,409	6,374,586	4,107,177
9	Chemicals and allied products	20	6	12	24	180	45,251	47,467	181,257	1,108,140	2,249,145	1,141,005
13	Stone, clay, and glass products	12	13	9	19	220	25,623	39,315	255,005	438,825	1,168,232	729,407
14	Iron and steel and their products, except machinery	32	16	28	91	740	111,839	186,096	907,196	2,079,601	4,498,866	2,419,265
15	Nonferrous metals and their products	21	16	6	48	294	22,076	87,975	350,245	718,268	2,299,993	1,581,725
16	Electrical machinery	5		3	5	36	6,917	10,072	42,730	130,031	237,904	107,873
17	Machinery (except electrical)	20	9	23	145	580	148,459	261,588	682,542	1,607,548	3,437,314	1,829,766
18	Automobiles and automobile equipment	6	6	5	21	96	14,500	32,114	115,898	207,817	428,368	220,551
20	Miscellaneous industries	14	9	10	14	110	25,310	20,868	114,785	255,678	652,136	396,458
12	Leather and leather products	6	3	4	20	239						
2	Tobacco manufactures	1										
5	Lumber and timber basic products	1	3	6	271	1,088	121,388	499,845	1,653,508	4,366,367	14,519,995	10,153,628
7	Paper and allied products	1										
10	Products of petroleum and coal	1										
11	Rubber products	1										

* As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] Figures do not include data for personnel of central-administrative offices.

[2] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

[4] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.

[5] For numbers of establishments and of wage earners in individual industries, see table 11.

[a] and [b] To avoid disclosing exact or approximate data for individual establishments, data for certain establishments located outside Denver have been included in the figures for the industries to which these footnotes are indexed. Data for these establishments are not, however, included in the totals for the city.

[a] 1 establishment. [b] 2 establishments.

TABLE 10.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939

COUNTY	Total	INDUSTRY GROUP																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
The State	1,298	530	1		30	98	40	8	235	58	10	1	12	72	49	28	5	62	10	1	48
Adams	22	12					1		2	2	4				1						
Alamosa	9	7							2												
Arapahoe	16	4							3					3				1	2		3
Archuleta	6	1				5															
Baca	1					1															
Bent	9	7							2												
Boulder	32	19				1			7					3	1			1			
Chaffee	7	3					1		2					1							
Clear Creek	5					3			1									1			
Conejos	7	5				1			1												
Costilla	1	1																			
Crowley	5	4							1												
Custer	1	1																			
Delta	16	13							2					1							
Denver	620	168	1		29	12	34	8	121	44	1	1	11	37	36	26	5	39	6		41
Dolores	3					3															
Douglas	6	1				3			1	1											
Eagle	7					6			1												
El Paso	62	35				5	1		8	2				6				2	2		1
Fremont	16	11							2					2				1			
Garfield	9	6				1			2												
Gilpin	2								1									1			
Grand	9					8			1												
Gunnison	4	2							1					1							
Huerfano	7	4				1			2												
Jackson	3					3															
Jefferson	15	7							4					3	1						
Kiowa	1								1												
Kit Carson	1	1																			
Lake	3					1			1							1					
La Plata	21	14				3			2					1	1						
Larimer	47	23				12			6	1				4				1			
Las Animas	28	14				4	1		3	1	1			1				3			
Lincoln	2								2												
Logan	12	9							2	1											
Mesa	32	22				1			2	1				1	1			3			1
Mineral	2					2															
Moffat	3	1							1		1										
Montezuma	6	3				1			2												
Montrose	16	9				3			1	1				1				1			
Morgan	18	13							3		1				1						
Otero	27	21							5									1			
Ouray	2					2															
Park	5					4			1												
Phillips	3	1							2												
Pitkin	1					1															
Prowers	16	14							2												
Pueblo	72	33			1	2	2		10	3	1		1	6	7	1		2		1	2
Rio Blanco	4	2							1		1										
Rio Grande	7	3				1			2									1			
Routt	9	2				6			1												
Saguache	3	2							1												
San Juan	1								1												
San Miguel	1								1												
Sedgwick	3	2							1												
Teller	2					1			1												
Washington	2	1							1												
Weld	41	26				1			9	1				1				3			
Yuma	7	3							3									1			

TABLE 11.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE AND FOR DENVER: 1939

[In order to avoid disclosing data for individual establishments, wage-earner figures for industries represented by fewer than three establishments are withheld]

Group No.[1]	TITLE	Number of establishments	Wage earners
	STATE OF COLORADO		
1	Beet sugar	17	1,730
	Biscuit, crackers, and pretzels	3	372
	Condensed and evaporated milk	6	76
	Liquors, rectified or blended	1	
	Macaroni, spaghetti, vermicelli, and noodles	3	67
	Malt	1	
	Preserves, jams, jellies, and fruit butters	2	
	Salad dressings	1	
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	1	
	Special dairy products	1	
	Vinegar and cider	3	12
	Wines	1	
2	Cigars	1	
4	Belts (apparel), regardless of material	1	
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	2	
	Fur coats and other fur garments, accessories, and trimmings	2	
	Men's and boys' hats and caps (except felt and straw)	1	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	3	161
	Miscellaneous fabricated textile products not elsewhere classified	3	47
	Textile bags—not made in textile mills	2	
	Trousers (semidress), wash suits, and washable service apparel	1	
	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	1	
	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	1	
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	4	283
	Cooperage	1	
	Venetian blinds	1	
	Window and door screens and weather strip	2	
	Window shades	1	
	Wood preserving	2	
7	Envelopes	1	
8	Books: printing without publishing	1	
	Books: publishing and printing	1	
	Books: publishing without printing	2	
	Electrotyping and stereotyping, not done in printing establishments	1	
	Engraving (steel, copperplate, and wood); plate printing	3	27
	Greeting cards (except hand-painted)	1	
9	Chemicals not elsewhere classified	3	69
	Coal-tar products, crude and intermediate	1	
	Explosives	2	
	Fertilizers	2	
	Fireworks	1	
	Grease and tallow (except lubricating greases)	6	62
	Perfumes, cosmetics, and other toilet preparations	1	
	Printing ink	1	
	Soap and glycerin	2	
10	Beehive coke	1	
	Oven coke and coke-oven byproducts	1	
	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	1	
11	Rubber products not elsewhere classified	1	
12	Leather goods not elsewhere classified	1	
	Leather: tanned, curried, and finished—contract factories	1	
	Suitcases, brief cases, bags, trunks, and other luggage	4	231
13	Asbestos products (except steam packing and pipe and boiler covering)	1	
	Cement	2	
	Clay products (except pottery) not elsewhere classified	1	
	Gypsum products	1	
	Lime	1	
	Minerals and earths, ground or otherwise treated	3	32
	Mirrors and other glass products made of purchased glass	2	
	Pottery products not elsewhere classified	3	163
	Roofing tile	1	
	Steam and other packing; pipe and boiler covering	1	
	Terra cotta	1	
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	2	
	STATE OF COLORADO—Continued		
14	Blast-furnace products	1	
	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	1	
	Doors, window sash, frames, molding, and trim (made of metal)	1	
	Forgings, iron and steel—made in plants not operated in connection with rolling mills	2	
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	1	
	Hardware not elsewhere classified	1	
	Heating and cooking apparatus, except electric, not elsewhere classified	2	
	Malleable-iron castings	1	
	Power boilers and associated products	2	
	Steel castings	2	
	Steel works and rolling mills	1	
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	1	
	Tin cans and other tinware not elsewhere classified	1	
	Tools (except edge tools, machine tools, files, and saws)	1	
	Wirework not elsewhere classified	2	
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	1	
	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	2	
	Electroplating, plating, and polishing	2	
	Lapidary work	1	
	Lighting fixtures	1	
	Nonferrous-metal foundries (except aluminum)	6	119
	Nonferrous-metal products not elsewhere classified	2	
	Primary smelting and refining of nonferrous metals	1	
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	2	
16	Batteries, storage and primary (dry and wet)	1	
	Communication equipment	1	
	Electrical products not elsewhere classified	1	
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	1	
	Wiring devices and supplies	1	
17	Agricultural machinery (except tractors)	2	
	Blowers; exhaust and ventilating fans	1	
	Cars and trucks, industrial	1	
	Commercial laundry, dry-cleaning, and pressing machinery	1	
	Construction and similar machinery (except mining and oil-field machinery and tools)	1	
	Elevators, escalators, and conveyors	1	
	Food-products machinery	2	
	Industrial machinery, not elsewhere classified	3	584
	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	1	
	Mechanical power-transmission equipment	2	
	Printing-trades machinery and equipment	1	
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	3	27
	Scales and balances	1	
	Special-industry machinery, not elsewhere classified	2	
	Stokers, mechanical, domestic and industrial	1	
18	Automobile trailers (for attachment to passenger cars)	2	
19	Cars and car equipment—railroad, street, and rapid-transit	1	
20	Brooms	4	98
	Brushes	2	
	Carbon paper and inked ribbons	1	
	Fire extinguishers, chemical	1	
	Hand stamps, stencils, and brands	2	
	Models and patterns (except paper patterns)	1	
	Optical instruments and lenses	1	
	Professional and scientific instruments (except surgical and dental)	2	
	Soda fountains, beer dispensing equipment, and related products	1	
	DENVER		
1	Biscuit, crackers, and pretzels	3	372
	Candy and other confectionery products	14	236
	Canned and dried fruits and vegetables (including canned soups)	1	
	Condensed and evaporated milk	2	
	Flavoring extracts and flavoring sirups, not elsewhere classified	4	7
	Flour and other grain-mill products	4	146
	Ice, manufactured	2	
	Liquors, rectified or blended	1	

See footnote at end of table.

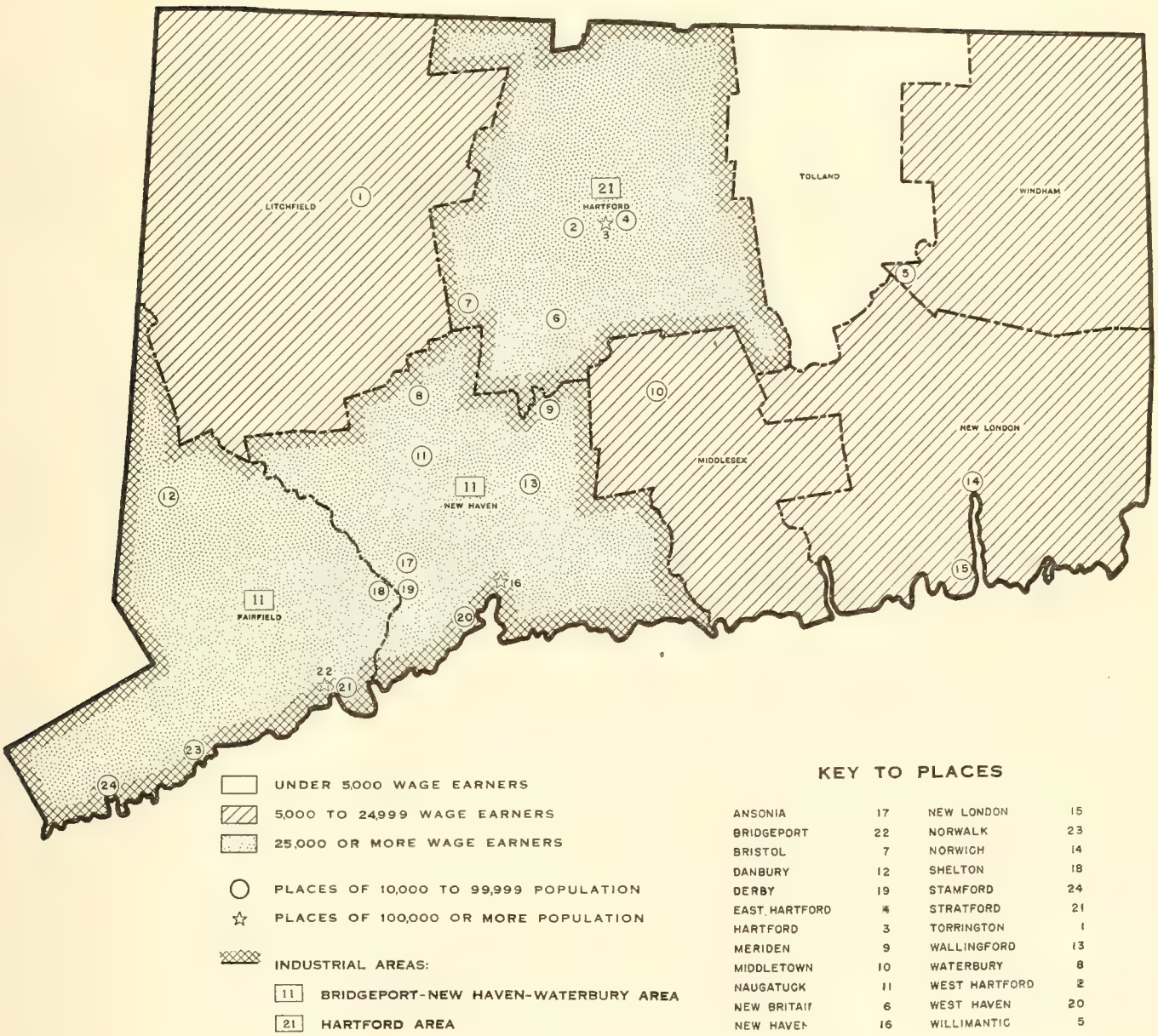
TABLE 11. INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE AND FOR DENVER: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	DENVER—Continued		
1	Macaroni, spaghetti, vermicelli, and noodles	2	
	Malt liquors	1	
	Pickled fruits and vegetables and vegetable sauces and seasonings	5	55
	Poultry dressing and packing, wholesale	3	9
	Prepared feeds, including minerals for animals and fowls	6	37
	Preserves, jams, jellies, and fruit butters	2	
	Salad dressings	1	
	Vinegar and cider	1	
	Wines	1	
2	Cigars	1	
4	Belts (apparel), regardless of material	1	
	Canvas products (except bags)	3	42
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	2	
	Fur coats and other fur garments, accessories, and trimmings	2	
	Men's and boys' hats and caps (except felt and straw)	1	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	3	161
	Miscellaneous fabricated textile products not elsewhere classified	3	47
	Textile bags—not made in textile mills	2	
	Trousers (semidress), wash suits, and washable service apparel	1	
	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	1	
	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	1	
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	4	283
5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	1	
6	Cooperage	1	
	Venetian blinds	1	
	Window and door screens and weather strip	2	
	Window shades	1	
7	Envelopes	1	
8	Books: printing without publishing	1	
	Books: publishing and printing	1	
	Books: publishing without printing	2	
	Electrotyping and stereotyping, not done in printing establishments	1	
	Engraving (steel, copperplate, and wood); plate printing	3	27
	Greeting cards (except hand-painted)	1	
	Newspapers: publishing and printing	8	412
	Newspapers: publishing without printing	3	
9	Chemicals not elsewhere classified	2	
	Coal-tar products, crude and intermediate	1	
	Explosives	1	
	Fertilizers	2	
	Fireworks	1	
	Lubricating oils and greases—not made in petroleum refineries	5	11
	Paints, varnishes, and lacquers	4	59
	Perfumes, cosmetics, and other toilet preparations	1	
	Printing ink	1	
	Soap and glycerin	2	
10	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	1	
11	Rubber products not elsewhere classified	1	
12	Leather goods not elsewhere classified	1	
	Leather: tanned, curried, and finished—contract factories	1	
	Suitcases, brief cases, bags, trunks, and other luggage	4	231
13	Asbestos products (except steam packing and pipe and boiler covering)	1	
	Clay refractories, including refractory cement (clay)	2	
	Minerals and earths, ground or otherwise treated	2	
	DENVER—Continued		
13	Mirrors and other glass products made of purchased glass	2	
	Pottery products not elsewhere classified	1	
	Roofing tile	1	
	Steam and other packing; pipe and boiler covering	1	
	Terra cotta	1	
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	1	
14	Doors, window sash, frames, molding, and trim (made of metal)	1	
	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	9	188
	Forgings, iron and steel—made in plants not operated in connection with rolling mills	1	
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	1	
	Gray-iron and semisteel castings	10	229
	Hardware not elsewhere classified	1	
	Heating and cooking apparatus, except electric, not elsewhere classified	1	
	Power boilers and associated products	2	
	Steel castings	2	
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	1	
	Tin cans and other tinware not elsewhere classified	1	
	Wirework not elsewhere classified	2	
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	1	
	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	2	
	Electroplating, plating, and polishing	2	
	Jewelry (precious metals)	4	41
	Lapidary work	1	
	Lighting fixtures	1	
	Nonferrous-metal foundries (except aluminum)	6	119
	Nonferrous-metal products not elsewhere classified	2	
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	2	
16	Batteries, storage and primary (dry and wet)	1	
	Communication equipment	1	
	Electrical products not elsewhere classified	1	
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	1	
	Wiring devices and supplies	1	
17	Agricultural machinery (except tractors)	1	
	Blowers; exhaust and ventilating fans	1	
	Cars and trucks, industrial	1	
	Commercial laundry, dry-cleaning, and pressing machinery	1	
	Construction and similar machinery (except mining and oil-field machinery and tools)	1	
	Elevators, escalators, and conveyors	1	
	Food-products machinery	2	
	Industrial machinery, not elsewhere classified	2	
	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	1	
	Mechanical power-transmission equipment	2	
	Printing-trades machinery and equipment	1	
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	3	27
	Scales and balances	1	
	Special-industry machinery, not elsewhere classified	2	
18	Automobile trailers (for attachment to passenger cars)	1	
	Motor vehicles, motor-vehicle bodies, parts and accessories	5	91
20	Brooms	1	
	Brushes	2	
	Carbon paper and inked ribbons	1	
	Hand stamps, stencils, and brands	2	
	Miscellaneous fabricated products not elsewhere classified	3	33
	Models and patterns (except paper patterns)	1	
	Optical instruments and lenses	1	
	Professional and scientific instruments (except surgical and dental)	2	
	Soda fountains, beer dispensing equipment, and related products	1	

[1] For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and of industry groups, sec. 27.

CONNECTICUT

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939



KEY TO PLACES

ANSONIA	17	NEW LONDON	15
BRIDGEPORT	22	NORWALK	23
BRISTOL	7	NORWICH	14
DANBURY	12	SHELTON	18
DERBY	19	STAMFORD	24
EAST HARTFORD	4	STRATFORD	21
HARTFORD	3	TORRINGTON	1
MERIDEN	9	WALLINGFORD	13
MIDDLETOWN	10	WATERBURY	8
NAUGATUCK	11	WEST HARTFORD	2
NEW BRITAIN	6	WEST HAVEN	20
NEW HAVEN	16	WILLIMANTIC	5

Prepared by the Bureau of the Census, Department of Commerce

CONNECTICUT

Table 1.—SUMMARY FOR THE STATE: 1939, 1937, AND 1929

CENSUS YEAR	Number of establishments	Proprietors and firm members	Number of persons employed in manufacturing [1]	Salaries and wages [1]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2]	Value of products [2]	Value added by manufacture [3]
1939	2,936	1,366	266,312	$353,964,300	$537,399,081	$1,229,585,773	$692,186,692
1937	2,892	1,212	299,650	394,205,671	581,001,594	1,261,788,693	680,787,099
1929	3,079	1,557	283,914	415,646,323	655,640,180	1,449,668,845	794,028,665

[1] Figure for 1939 does not include data for employees of manufacturing establishments (except salaried officers of corporations) who were engaged in distribution, construction, and other nonmanufacturing work. For detail, see table 8. It is not known to what extent data for such nonmanufacturing employees were included in figures reported for earlier years. See General Explanations—Persons engaged—general classification.

[2] The aggregates for cost of materials, etc., and value of products include large amounts of duplication due to the use of the products of some industries as materials by others. See General Explanations—Duplication in cost of materials and value of products.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See General Explanations—Value added by manufacture.

Table 2.—SUMMARY FOR INDUSTRIAL AREAS, COUNTIES, AND PLACES: 1939

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
The State	1,709,242	[5] 2,936	233,525	$276,274,243	$537,399,081	$1,229,585,773	$692,186,692
INDUSTRIAL AREAS							
Bridgeport-New Haven-Waterbury [6]	902,700	1,728	128,396	150,993,009	328,869,811	722,554,276	393,684,465
Hartford [7]	450,189	671	62,244	80,424,117	121,947,975	326,666,843	204,718,868
COUNTIES [5]							
Fairfield	418,384	843	59,607	69,726,322	160,192,563	348,103,609	187,911,046
Hartford	450,189	671	62,245	80,424,117	121,947,975	326,666,843	204,718,868
Litchfield	87,041	115	10,559	12,045,367	19,507,634	48,529,053	29,021,419
Middlesex	55,999	99	5,797	5,847,167	9,114,781	21,467,992	12,353,211
New Haven	484,316	885	68,789	81,266,687	168,677,248	374,450,667	205,773,419
New London	125,224	181	13,267	14,682,175	31,878,515	61,487,875	29,609,360
Tolland	31,866	55	3,936	4,051,512	10,303,171	17,246,875	6,943,704
Windham	56,223	87	9,325	8,230,896	15,777,194	31,632,859	15,855,665
PLACES HAVING 10,000 OR MORE INHABITANTS							
Ansonia	19,210	32	4,204	5,300,005	14,794,834	30,635,736	15,840,902
Bridgeport	147,121	365	29,419	34,331,569	74,506,650	160,348,923	85,842,273
Bristol	30,167	36	8,117	10,576,875	11,157,331	33,294,601	22,137,270
Danbury	22,339	73	5,299	5,926,075	11,396,898	23,060,303	11,663,405
Derby	10,287	20	1,391	1,315,376	1,922,416	5,119,691	3,197,275
East Hartford [8]	18,615	21	4,837				
Hartford	166,267	332	21,180	27,901,669	32,791,346	97,954,598	65,163,252
Meriden	39,494	87	7,636	10,007,615	17,564,914	43,833,641	26,268,727
Middletown	26,495	45	3,487	3,623,550	4,607,700	11,503,051	6,895,351
Naugatuck	15,388	21	5,710	6,951,211	13,813,612	29,347,964	15,534,352
New Britain	68,685	100	13,213	15,155,415	21,904,776	58,109,685	36,204,909
New Haven	160,605	404	20,523	21,838,685	42,737,917	100,838,135	58,100,218
New London	30,456	47	1,447	1,349,492	2,441,816	5,436,427	2,994,611
Norwalk	39,849	105	7,531	7,773,673	14,706,370	32,516,922	17,810,552
Norwich	23,652	59	3,167	3,094,676	9,802,571	16,423,354	6,620,783
Shelton	10,971	32	2,732	2,490,722	7,814,792	14,469,435	6,654,643
Stamford	47,938	101	5,821	7,023,983	10,214,380	27,003,811	16,789,431
Stratford	22,580	32	2,039	3,189,698	3,373,865	9,629,952	6,256,087
Torrington	26,988	41	6,158	7,578,092	11,905,450	31,456,349	19,550,899
Wallingford	11,425	26	2,924	3,306,797	6,007,102	13,247,265	7,240,163
Waterbury	99,314	150	19,458	24,853,976	52,437,706	112,217,649	59,779,943
West Hartford [8]	33,776	10	1,862				
West Haven	30,021	38	1,352	1,556,453	5,685,266	11,137,824	5,452,558
Willimantic	12,101	22	2,167	1,737,401	2,447,424	4,819,021	2,371,597

[1] Not including salaried officers and employees or nonmanufacturing wage earners. The figure for each county or place is an average of the numbers reported for the several months of the year. In calculating it, equal weight must be given to full-time and to part-time wage earners (not reported separately by the manufacturers), and for this reason it exceeds the number that would have been required to perform the work done in the industries if all wage earners had been continuously employed throughout the year. The quotient obtained by dividing the amount of wages by the average number of wage earners cannot, therefore, be accepted as representing the average wage received by full-time wage earners. Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several counties do not add exactly to the average for the State. In making comparisons between the figures for 1939 and those for earlier years, the possibility that the proportion of part-time employment varied from year to year should be taken into account.

[2] Profits and losses cannot be calculated from the census figures because no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance and advertising.

[3] See General Explanations—Duplication in cost of materials and value of products.

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See General Explanations—Value added by manufacture.

[5] For numbers of establishments by "Industry groups," see table 11.

[6] The Bridgeport-New Haven-Waterbury Industrial Area comprises Fairfield and New Haven counties. For statistics by industries for this area, see table 9.

[7] The Hartford Industrial Area is coextensive with Hartford County. For statistics by industries for this area, see table 9.

[8] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments.

TABLE 3.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, BY SEX: 1939 AND 1929

[The 1939 questionnaire, for the first time, called for data on the *total* number of employees in manufacturing establishments, including those engaged wholly or chiefly in [illegible], construction, and other nonmanufacturing activities. It is not known to what extent data for such employees were included in the figures reported for earlier years. This table presents detailed figures for employees receiving pay at any time within the *normal* pay-roll period ended nearest Oct. 14, 1939, and for such employees on the pay roll on Dec. 14, 1929, or on the nearest *representative* date. The total for "Wage earners engaged in manufacturing" is not identical with the average for the year given in other tables, and differs from the number reported for October 1939 or for December 1929, because for both years some manufacturers gave wage earner totals for months other than those specified. See GENERAL EXPLANATIONS—Persons engaged—general classification]

CLASS AND SEX	1939 (Oct. 14) [1]	1929 (Dec. 14) [1]
All classes, total [2]	209,763	283,969
Male	209,625	209,834
Female	90,138	74,135
Salaried officers and employees, total	48,574	35,199
Male	34,231	24,336
Female	14,343	10,863
Salaried officers of corporations, total	3,348	3,119
Male	3,095	2,927
Female	253	192
All other employees (except wage earners in manufacturing), total	45,226	32,080
Male	31,136	21,409
Female	14,090	10,671
Salaried officers and employees—Continued.		
All other employees, etc.—Continued.		
Engaged in manufacturing:		
Male	19,949	(3)
Female	9,490	
Engaged in distribution:		
Male	8,506	
Female	4,460	
Engaged in construction:		
Male	2,200	
Engaged in other work:		
Male	481	
Female	140	
Wage earners engaged in manufacturing, total	251,189	248,770
Male	175,394	185,498
Female	75,795	63,272

[1] See headnote.
[2] Figures do not include data for 1,366 proprietors and firm members for 1939 and 1,557 for 1929, which were not reported by sex for 1939.
[3] No data.

TABLE 4.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS: 1939, 1937, AND 1929

[The figures for 1939 relate to wage earners engaged in manufacturing only. It is not known to what extent the figures for earlier years include data for nonmanufacturing wage earners. See headnote to table 3]

CENSUS YEAR	Average number employed during year [1]	NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH—											
		January	February	March	April	May	June	July	August	September	October	November	December
1939	233,525	220,546	224,561	226,187	223,610	223,836	223,216	223,142	230,640	238,302	251,531	259,131	257,594
1937	262,620	257,940	263,937	269,340	270,149	270,928	268,816	264,967	268,971	269,003	263,216	250,311	233,865
1929	248,715	243,585	247,120	251,241	252,225	252,409	251,826	252,540	252,143	251,043	250,343	244,099	236,008

[1] See GENERAL EXPLANATIONS—Wage earners and wages.

TABLE 5.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY NUMBER OF WAGE EARNERS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS	VALUE ADDED BY MANUFACTURE [2]
	1939	1929	1939	1929	1939	1939
All establishments	2,936	3,079	233,525	248,715	$1,229,585,773	$692,186,692
No wage earners	88	69			6,265,981	2,836,653
1 to 5	996	1,131	2,711	3,265	21,245,939	11,322,978
6 to 20	694	754	7,794	8,181	48,875,469	26,453,224
21 to 50	427	426	13,799	13,844	76,060,910	38,581,293
51 to 100	275	226	19,716	16,146	92,756,924	50,746,094
101 to 250	257	264	39,916	41,599	214,546,649	104,836,630
251 to 500	117	104	42,120	37,754	211,254,613	118,704,874
501 to 1,000	41	61	27,992	41,818	141,843,511	91,786,540
1,001 to 2,500	33	34	50,208	51,432	262,243,234	154,254,408
2,501 or more	8	10	29,269	34,676	154,492,543	92,663,998

[1] See headnotes to tables 3 and 4.

[2] See GENERAL EXPLANATIONS—Value added by manufacture

TABLE 6.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY VALUE OF PRODUCTS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
All establishments	2,936	3,079	233,525	248,715	$1,229,585,773	$1,449,668,845	$692,186,692	$794,028,665
$5,000 to $19,999	818	863	2,252	2,372	9,107,960	9,989,434	5,424,567	6,364,392
$20,000 to $49,999	579	661	4,973	4,844	19,125,299	21,451,235	11,647,440	12,964,269
$50,000 to $99,999	404	410	8,401	6,715	28,918,599	28,904,185	17,537,623	17,764,333
$100,000 to $249,999	445	399	18,014	12,807	70,285,848	63,421,320	39,410,320	36,906,581
$250,000 to $499,999	258	247	19,553	17,067	93,647,698	87,178,095	51,292,173	49,055,098
$500,000 to $999,999	186	210	27,260	29,534	131,918,638	150,842,030	68,515,298	85,140,708
$1,000,000 to $2,499,999	151	166	45,852	44,901	233,059,662	262,760,503	127,770,247	140,718,317
$2,500,000 to $4,999,999	59	77	39,846	52,698	205,259,926	271,344,140	117,911,333	167,329,361
$5,000,000 and over	36	46	67,374	77,777	438,262,143	553,777,903	252,677,691	277,785,606

[1] See headnotes to tables 3 and 4

[2] See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 7.—ESTABLISHMENTS CLASSIFIED AS UNDER CORPORATE OR OTHER FORM OF OWNERSHIP (OR CONTROL) AND AS UNDER CENTRAL-ADMINISTRATIVE-OFFICE OR INDEPENDENT OPERATION: 1939 AND 1929

TYPE OF OWNERSHIP OR CONTROL, AND OF OPERATION	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
Total	2,936	3,079	233,525	248,715	$1,229,585,773	$1,449,668,845	$692,186,692	$794,028,665
TYPE OF OPERATION								
1939 [3]								
Corporate ownership or control:								
Central-administrative-office (plural-unit)	567	(3)	142,327	(3)	819,819,360	(3)	451,286,782	(3)
Independent (single-unit)	1,344	(3)	80,133	(3)	370,017,938	(3)	218,296,788	(3)
Noncorporate ownership:								
Central-administrative-office (plural-unit)	32	(3)	1,137	(3)	4,300,739	(3)	2,045,680	(3)
Independent (single-unit)	993	(3)	9,928	(3)	35,447,736	(3)	20,557,442	(3)
1939 AND 1929 [3]								
Central-administrative-office (plural-unit), corporate and noncorporate	599	437	143,464	134,466	824,120,099	844,961,474	453,332,462	437,719,501
Independent (single-unit), corporate and noncorporate	2,337	2,642	90,061	114,249	405,465,674	604,707,371	238,854,230	356,309,164
TYPE OF OWNERSHIP OR CONTROL								
Corporate	1,911	1,800	222,460	235,827	1,189,837,298	1,388,483,962	669,583,570	761,171,057
Noncorporate, total	1,025	1,279	11,065	12,888	39,748,475	61,184,883	22,603,122	32,857,608
Individual	739	(4)	5,337	(4)	20,845,587	(4)	12,033,732	(4)
Partnership	275	(4)	5,534	(4)	17,568,916	(4)	9,842,179	(4)
Cooperative	5	(4)	138	(4)	991,085	(4)	505,502	(4)
Other	6	(4)	56	(4)	342,887	(4)	221,709	(4)

[1] See headnotes to tables 3 and 4.

[2] See GENERAL EXPLANATIONS—Value added by manufacture.

[3] Because of changes in the questionnaire, no comparable figures for 1929 can be given for the first section of this table. For this reason, the items have been regrouped under "1939 and 1929" to present comparable figures so far as this can be done.

[4] No data.

TABLE 8.—GENERAL STATISTICS FOR

[This table presents separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments given, however, reported larger numbers of wage earners or larger

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
1		All industries, total	2,936	1,366	282,099	3,348	29,439	233,525	12,966	2,200	621
2	13	Abrasive wheels, stones, paper, cloth, and related products	6	1	141	13	17	103	8	...	...
3	19	Aircraft and parts, including aircraft engines	8		6,742	26	1,217	5,397	85	17	...
4	15	Alloying, and rolling and drawing of nonferrous metals, except aluminum	22		19,788	41	2,037	16,564	328	812	6
5	15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	9	5	794	5	60	726	3	...	...
6	3	Artificial leather and oilcloth	3		426	2	46	373	2	2	1
7	13	Asbestos products (except steam packing and pipe and boiler covering)	3		1,158	7	112	790	249	...	...
8	16	Batteries, storage and primary (dry and wet)	5	2	843	6	54	688	82	7	6
9	19	Boat building and boat repairing	8	4	99	3	10	85	1	...	...
10	14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	5	3	253	10	37	196	10	...	...
11	8	Bookbinding and related industries	7	4	37	4	2	31	...	...	...
12	8	Books: printing without publishing	14	4	614	19	71	511	13		...
13	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	383	362	4,320	83	270	3,450	462	6	49
14	13	Brick and hollow structural tile	13	4	481	21	26	420	7	6	1
15	20	Brushes	7	7	668	2	93	445	98	30	...
16	20	Buttons	10	12	1,165	11	101	989	64	...	...
17	1	Candy and other confectionery products	11	7	615	15	70	454	63	11	2
18	1	Canned and dried fruits and vegetables (including canned soups)	3	1	106	3	6	97	...	...	...
19	4	Canvas products (except bags)	6	3	55	4	7	38	6	...	...
20	6	Caskets, coffins, burial cases, and other morticians' goods	5	1	88	6	21	45	13	...	3
21	9	Chemicals not elsewhere classified	4	...	813	4	182	569	51	6	1
22	2	Cigars	26	26	542	9	19	495	18	1	...
23	9	Cleaning and polishing preparations, blackings, and dressings	13	3	221	8	35	149	29	...	...
24	15	Clocks, watches, and materials and parts (except watchcases)	8	...	7,563	31	620	6,558	265	37	52
25	9	Coal-tar products, crude and intermediate	3	...	18	...	6	12	...	...	...
26	4	Coats, suits, and skirts (except fur coats)—made in contract factories	13	13	666	12	18	634	2	...	...
27	4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	6	...	601	9	31	559	2	...	...
28	14	Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills	3	...	714	3	89	553	51	18	...
29	16	Communication equipment	7	...	742	17	118	523	75	9	...
30	13	Concrete products	29	16	331	13	28	236	52	2	...
31	7	Converted paper products not elsewhere classified	9	...	715	7	62	560	58	28	...
32	3	Cordage and twine	10	1	315	12	31	266	6	...	...
33	4	Corsets and allied garments	16	3	3,631	37	432	2,636	518	...	8
34	3	Cotton broad woven goods	15	1	4,995	24	182	4,774	15	...	...
35	3	Cotton narrow fabrics	11	...	2,146	23	163	1,742	218	...	...
36	3	Cotton thread	6	...	2,401	9	190	2,176	26	...	...
37	14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	27	10	3,794	33	319	3,244	147	14	37
38	9	Drugs and medicines (including drug grinding)	8		676	15	116	495	50	...	...
39	3	Dyeing and finishing cotton, rayon, silk, and linen textiles	20	1	3,382	45	349	2,962	15	11	...
40	16	Electrical appliances	12	...	3,927	18	356	3,200	333	7	13
41	16	Electrical products not elsewhere classified	4	...	269	8	33	219	3	6	...
42	15	Electroplating, plating, and polishing	17	10	482	15	55	395	13	4	...
43	8	Electrotyping and stereotyping, not done in printing establishments	8	...	169	15	16	121	17	...	...
44	14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	9	1	752	11	92	615	34	...	...
45	8	Engraving (steel, copperplate, and wood); plate printing	12	5	203	13	15	158	17	...	...
46	20	Fabricated plastic products, not elsewhere classified	13	...	2,179	21	189	1,908	33	28	...
47	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	18	9	293	24	50	198	21	...	...
48	9	Fertilizers	6	...	188	6	19	128	34	1	...
49	4	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	5	1	243	5	13	217	8	...	...
50	14	Firearms	7	...	3,171	12	373	2,565	99	113	9
51	9	Fireworks	3	...	90	7	7	72	4	...	...
52	1	Food preparations, not elsewhere classified	5	2	21	1	2	12	6	...	...
53	17	Food-products machinery	4	...	283	7	67	175	34	...	...
54	12	Footwear (except rubber)	9	2	930	20	60	841	8	1	...
55	14	Forgings, iron and steel, made in plants not operated in connection with rolling mills	8	3	608	14	69	510	15	...	...
56	20	Games and toys (except dolls and children's vehicles)	16	5	1,244	24	107	1,035	69	9	...
57	8	General commercial (job) printing	164	97	2,033	126	243	1,570	91	3	...
58	16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	15	1	1,909	29	462	1,256	161	...	1
59	14	Gray-iron and semisteel castings	21	3	1,818	38	105	1,609	47	4	15
60	20	Hand stamps, stencils, and brands	7	2	76	12	8	49	7	...	...
61	14	Hardware not elsewhere classified	37	7	15,002	80	1,634	12,163	1,059	63	3
62	3	Hat bodies and hats, fur-felt	22	...	6,474	60	534	5,732	119	26	3
63	3	Hatters' fur	24	15	1,272	24	65	1,167	16	...	...
64	4	House dresses, uniforms, and aprons—made in contract factories	5	3	274	4	4	266	...	...	...
65	4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	7	3	247	4	9	227	7	...	...
66	4	Housefurnishings (except curtains, draperies, and bedspreads)	9	5	637	8	28	461	138	1	1

See footnotes at end of table.

THE STATE, BY INDUSTRIES: 1939

and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures are values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
383,253,469	21,645,993	56,044,064	276,274,243	24,803,935	3,496,681	988,553	537,399,081	502,052,100	13,853,804	10,218,840	11,274,337	1,229,585,773	692,186,692	1
200,864	55,400	28,512	102,211	14,741	----	----	300,982	288,229	6,406	6,347	----	680,899	379,917	2
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	3
31,374,806	473,723	4,785,397	23,731,921	1,031,504	1,342,061	10,200	72,569,745	68,411,904	2,634,017	1,473,552	50,272	140,235,936	67,666,191	4
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	5
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	6
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	7
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	8
137,323	6,022	16,463	112,676	2,162	----	----	71,855	68,669	535	2,651	----	294,323	222,468	9
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	10
42,396	7,456	3,560	31,380	----	----	----	21,749	18,923	156	717	1,953	102,028	80,279	11
972,762	137,998	159,637	642,143	32,984	----	----	624,745	560,943	9,250	17,228	37,324	1,930,815	1,306,070	12
5,638,715	281,483	459,770	4,383,112	439,477	13,782	61,091	9,941,036	9,400,044	336,967	204,025	----	20,479,012	10,537,976	13
568,637	82,893	46,581	427,050	7,134	3,932	1,047	259,986	85,875	138,558	35,553	----	1,254,613	994,627	14
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	15
1,341,441	79,802	178,692	944,485	106,562	31,900	----	1,070,487	1,001,080	27,227	37,273	4,907	3,025,490	1,955,003	16
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	17
(5)	(5)	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	18
83,600	9,040	9,950	54,317	10,293	----	----	120,491	117,806	1,495	1,190	----	260,771	140,280	19
196,396	79,246	37,460	54,972	21,798	----	2,920	184,924	178,397	3,482	3,045	----	782,862	597,938	20
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	21
551,022	36,597	34,260	448,720	28,278	3,167	----	671,606	661,621	6,127	3,858	----	1,651,236	979,630	22
424,143	70,772	90,965	222,908	39,498	----	----	1,059,234	998,994	29,811	30,429	----	1,725,828	666,594	23
8,626,872	252,723	1,035,940	6,771,146	439,370	59,351	68,342	6,205,488	5,951,093	121,929	107,145	25,321	17,598,101	11,392,613	24
(5)	----	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	25
629,256	41,419	45,104	541,270	1,463	----	----	36,803	15,649	4,705	8,327	8,122	768,519	731,716	26
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	27
1,110,716	39,254	189,753	754,444	94,492	32,773	----	5,172,537	4,976,838	46,251	147,875	1,573	7,928,957	2,756,420	28
1,098,294	167,115	210,970	569,395	148,739	2,075	----	568,205	532,099	21,216	14,536	354	2,228,334	1,660,129	29
441,617	59,024	43,743	279,354	56,354	3,142	----	987,779	948,633	10,508	12,793	15,845	2,055,281	1,067,502	30
926,532	56,072	114,037	606,052	107,235	43,136	----	1,244,835	1,201,152	16,965	26,718	----	3,386,114	2,141,279	31
330,180	51,446	44,201	211,337	23,196	----	----	869,140	827,534	8,179	12,727	20,700	1,467,023	597,883	32
4,599,015	661,879	737,320	2,290,400	898,333	----	11,083	5,479,130	5,414,431	34,114	20,144	10,441	13,843,826	8,364,696	33
4,577,349	159,793	332,296	4,067,651	17,609	----	----	5,539,618	5,218,185	194,801	126,632	----	14,103,427	8,563,809	34
2,500,197	183,308	284,588	1,681,403	350,898	----	----	3,376,711	3,155,371	124,250	97,090	----	6,868,580	3,491,869	35
2,211,395	39,285	300,101	1,810,417	61,592	----	----	3,961,232	3,785,829	164,113	11,290	----	6,744,598	2,783,366	36
4,430,922	245,682	541,829	3,349,540	214,604	23,975	55,292	3,307,292	3,058,959	132,280	112,337	3,716	10,199,901	6,892,609	37
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	38
4,328,956	322,431	656,568	3,265,434	69,322	15,201	----	5,190,631	4,379,028	704,605	106,998	----	11,558,602	6,367,971	39
4,688,382	139,503	596,917	3,364,245	558,461	15,542	13,714	7,756,925	7,525,938	80,561	142,523	7,903	30,184,280	22,427,355	40
262,460	36,223	42,111	169,212	7,859	7,055	----	376,406	361,705	2,347	12,354	----	818,905	442,499	41
588,666	69,411	92,599	391,239	26,207	9,210	----	579,673	516,819	19,076	43,216	562	1,710,454	1,130,781	42
389,526	55,318	42,838	274,816	16,554	----	----	89,015	69,637	5,269	10,364	3,745	606,621	517,606	43
1,158,828	93,428	198,815	765,373	101,212	----	----	1,620,423	1,526,384	54,483	30,055	9,501	3,312,386	1,691,963	44
282,393	48,706	26,209	179,336	28,142	----	----	199,392	178,562	2,405	6,543	11,882	576,969	377,577	45
2,720,486	132,718	362,757	2,070,936	104,738	49,337	----	3,144,912	2,947,656	94,014	103,242	----	7,352,975	4,208,063	46
471,532	111,766	53,989	257,382	48,395	----	----	873,434	850,957	11,348	9,718	1,411	1,630,404	756,970	47
243,826	37,838	26,359	104,493	73,272	1,864	----	1,101,053	1,093,093	977	6,983	----	1,703,608	602,555	48
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	49
4,891,728	109,814	667,343	3,742,806	185,765	175,030	10,970	1,687,401	1,432,174	124,190	73,073	57,964	9,703,809	8,016,408	50
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	51
17,638	1,300	1,631	8,127	6,580	----	----	94,942	92,120	1,385	1,437	----	137,889	42,947	52
701,629	168,313	162,943	292,570	77,803	----	----	617,450	598,428	7,998	10,424	600	2,215,271	1,597,821	53
854,122	130,353	76,973	639,322	6,364	1,110	----	1,726,470	1,712,884	2,185	11,401	----	2,865,664	1,139,194	54
912,163	86,418	137,651	646,560	41,534	----	----	1,123,829	972,726	101,518	45,085	4,500	2,453,346	1,329,517	55
1,207,682	117,765	140,273	845,570	94,066	10,008	----	1,319,568	1,276,444	22,711	17,528	2,885	3,604,969	2,285,401	56
3,214,939	409,354	388,071	2,237,998	175,847	3,669	----	2,593,818	2,173,806	33,568	83,760	302,684	7,183,708	4,589,890	57
3,127,128	196,872	925,441	1,618,740	384,417	----	1,658	2,947,888	2,821,067	37,159	38,912	50,750	8,169,819	5,221,931	58
2,491,479	275,511	209,159	1,886,506	90,863	5,647	23,793	1,313,233	1,065,804	190,167	55,382	1,880	4,496,971	3,183,738	59
158,150	57,628	13,888	79,279	7,355	----	----	54,985	52,440	1,037	1,508	----	275,480	220,495	60
19,270,950	735,404	2,695,692	13,867,668	1,896,821	72,411	2,954	17,392,722	16,393,611	681,135	305,030	12,946	46,585,617	29,192,895	61
9,433,885	522,792	1,030,472	7,320,890	512,701	43,388	3,642	10,817,819	10,208,277	386,594	116,810	106,138	24,618,145	13,800,326	62
1,199,961	156,797	114,111	887,553	41,500	----	----	3,127,869	3,015,855	62,004	38,163	11,847	5,175,698	2,047,829	63
191,006	8,624	5,323	177,059	----	----	----	7,675	3,756	947	2,972	----	242,088	234,413	64
203,114	14,085	23,609	148,482	16,938	----	----	499,795	491,978	145	2,597	5,075	884,267	384,472	65
603,888	24,535	31,436	301,425	244,500	1,404	588	1,451,370	1,386,005	9,752	5,867	49,746	2,227,431	776,061	66

TABLE 8. GENERAL STATISTICS FOR

		INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS[1] Total[2]	Salaried officers of corporations[2]	Manufacturing: Salaried employees[1]	Manufacturing: Wage earners (average for year)[3]	Distribution	Construction	Other
1	[illegible]	Household furniture, except upholstered	21	6	437	21	28	354	24		10
2	1	[illegible]	39	14	480	19	62	231	156	4	8
3	1	[illegible]	11	18	259	20	33	144	58		4
4	12	Industrial leather belting and packing leather	4	3	30	8	2	18	2		
5	17	Industrial machinery, not elsewhere classified	12	5	257	21	36	181	17		2
6	9	Insecticides, fungicides, and related industrial and household chemical compounds	14	5	255	19	57	64	113	1	1
7	16	Internal-combustion engines	8	1	5,773	10	894	4,736	51	7	75
8	17	Internal-combustion engines	4		366	10	67	268	18		3
9	20	Jewelry cases and instrument cases	5		843	7	73	738	7	18	
10	3	Knitted cloth	4		60	3	11	43	2	1	
11	3	Knitted outerwear (except knit gloves)—contract factories	3	6	99	2	1	96			
12	3	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	5		431	9	14	404	1	2	1
13	3	Lace goods	3		225	6	16	203			
14	20	Lamp shades	5	5	132	3	22	102	4	1	
15	12	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	3		198	6	16	176			
16	15	Lighting fixtures	15	5	1,510	25	179	1,146	138		22
17	18	Lime	3		69		3	66			
18	1	Liquors, rectified or blended	10	2	164	10	27	105	12	2	8
19	8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	10	3	260	17	33	191	18	1	
20	1	Macaroni, spaghetti, vermicelli, and noodles	10	4	102	8	9	62	23		
21	8	Machine and hand typesetting (including advertisement typesetting)	11	8	55	5	11	39			
22	17	Machine-shop products, not elsewhere classified	34	7	1,698	45	276	1,257	78	21	21
23	17	Machine-shop repairs	12	11	65	10	7	47	1		
24	17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	49	16	2,415	85	247	1,960	109	12	2
25	17	Machine tools	21	3	5,807	66	911	4,530	286		14
26	14	Malleable-iron castings	4		693	8	60	606	19		
27	1	Malt liquors	9		640	24	43	317	253	2	1
28	6	Mattresses and bedsprings	24	17	284	16	26	224	18		
29	17	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	4		742	4	113	614	6		5
30	1	Meat packing, wholesale	5	6	386	5	45	264	68	2	2
31	17	Mechanical power-transmission equipment	16		10,491	42	1,103	8,686	622		38
32	4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in contract factories	6	4	1,353	5	10	1,335	3		
33	4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	14	9	2,380	11	61	2,267	41		
34	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	7	8	466	4	5	455	1		1
35	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	8	3	239	11	25	182	21		
36	4	Men's neckwear—made in inside factories or by jobbers engaging contractors	6	3	725	7	22	694	2		
37	17	Metalworking machinery and equipment, not elsewhere classified	10		1,340	28	175	1,098	32	7	
38	4	Millinery	7	4	417	7	46	344	20		
39	6	Mirror frames and picture frames	4	3	14	1	2	11			
40	13	Mirrors and other glass products made of purchased glass	9		328	12	19	290	7		
41	20	Miscellaneous fabricated products not elsewhere classified	13	5	480	18	24	423	15		
42	4	Miscellaneous fabricated textile products not elsewhere classified	5	6	253	7	39	171	21	15	
43	20	Models and patterns (except paper patterns)	23	26	165	11	5	148	1		
44	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	18	14	240	13	16	174	36		1
45	18	Motor vehicles, motor-vehicle bodies, parts and accessories	12	4	1,024	23	122	860	19		
46	14	Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills	5		664	8	61	561	34		
47	20	Needles, pins, hooks and eyes, and slide and snap fasteners	11	3	3,688	15	397	2,977	193	106	
48	8	Newspapers: publishing and printing	62	21	3,338	94	899	1,582	747	16	
49	8	Newspapers: publishing without printing	3		12	2	10				
50	1	Nonalcoholic beverages	82	64	582	59	45	227	243	2	6
51	15	Nonferrous-metal foundries (except aluminum)	22	8	441	26	23	384	7		1
52	15	Nonferrous-metal products not elsewhere classified	10	2	2,686	13	331	2,059	146	136	1
53	17	Office and store machines not elsewhere classified	7		12,445	7	1,224	11,030	87	96	1
54	14	Oil burners, domestic and industrial	10		309	26	78	153	52		
55	9	Paints, varnishes, and lacquers	13	4	320	20	49	215	35	1	
56	7	Paper and paperboard mills	27	2	2,000	38	145	1,754	44	19	
57	7	Paperboard containers and boxes not elsewhere classified	41	8	2,385	59	183	2,003	140		
58	10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	4		19		1	17	1		
59	9	Perfumes, cosmetics, and other toilet preparations	6		450	8	66	346	25		5
60	8	Periodicals, publishing and printing	5	1	1,090	7	85	939	43	16	
61	8	Periodicals, publishing without printing	26	3	412	26	237	14	135		
62	8	Photoengraving, not done in printing establishments (including preparation of plates)	20	6	257	28	26	188	15		
63	20	Photographic apparatus and materials and projection equipment (except lenses)	3		247	5	20	216	4	2	
64	5	Planing mills not operated in conjunction with sawmills	33	27	601	18	42	442	87	8	4
65	9	Plastic materials	3		91	2	12	69	3	3	2

See footnotes at end of table.

THE STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	
542,077	79,820	45,512	355,591	44,935	------	16,219	944,503	921,384	6,308	14,709	2,102	1,729,411	784,908	1
697,055	75,403	96,179	262,544	242,941	6,173	13,815	1,993,527	1,875,731	40,122	77,380	294	3,965,803	1,972,276	2
369,211	66,044	52,554	177,607	71,143	------	1,863	246,485	67,672	60,355	118,458	------	1,343,427	1,096,942	3
51,184	23,905	1,874	22,631	2,774	------	------	134,961	134,438	228	295	------	210,284	75,323	4
431,497	125,274	55,224	218,693	30,224	------	2,082	384,495	367,115	7,673	8,396	1,311	1,149,390	764,895	5
497,702	128,055	83,785	69,079	210,398	1,325	60	577,339	564,765	5,186	7,388	------	1,545,250	967,911	6
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	7
(5)	(5)	(5)	(5)	(5)	------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	8
(5)	(5)	(5)	(5)	(5)	(5)	------	(5)	(5)	(5)	(5)	------	(5)	(5)	9
(5)	(5)	(5)	(5)	(5)	(5)	------	(5)	(5)	(5)	(5)	------	(5)	(5)	10
(5)	(5)	(5)	(5)	------	------	------	(5)	(5)	------	(5)	------	(5)	(5)	11
425,929	34,386	34,962	345,087	2,600	2,171	6,723	525,002	473,098	11,894	13,090	26,920	1,036,811	511,809	12
(5)	(5)	(5)	(5)	------	------	------	(5)	(5)	(5)	(5)	------	(5)	(5)	13
(5)	(5)	(5)	(5)	(5)	(5)	------	(5)	(5)	(5)	(5)	------	(5)	(5)	14
283,495	35,450	40,274	198,771	------	------	------	665,973	645,734	12,168	8,071	------	1,082,846	416,873	15
2,013,343	162,625	351,385	1,177,837	243,502	------	77,994	2,319,237	2,178,760	52,926	69,451	18,100	5,350,852	3,031,615	16
78,033	------	8,460	68,223	------	1,350	------	103,974	64,140	16,140	23,694	------	292,049	188,075	17
255,529	66,300	57,587	100,875	16,279	3,160	11,328	1,007,555	995,282	7,851	4,422	------	1,402,551	394,996	18
414,693	62,648	72,324	239,627	38,506	1,588	------	307,933	241,880	5,066	11,025	49,962	870,225	562,292	19
108,939	17,728	13,690	54,261	23,260	------	------	311,794	289,225	6,382	16,187	------	487,602	175,808	20
93,965	17,447	14,477	62,041	------	------	------	40,382	31,908	1,346	2,755	4,373	198,866	158,484	21
2,467,425	187,449	416,613	1,622,732	177,739	30,680	32,212	2,296,167	2,070,371	95,528	126,483	3,785	6,462,356	4,166,189	22
96,939	18,665	9,770	67,537	967	------	------	58,042	53,624	1,185	3,233	------	226,784	168,742	23
3,895,123	483,116	477,610	2,631,879	284,489	16,491	1,538	1,549,472	1,346,743	67,927	94,358	40,444	7,644,497	6,095,025	24
11,814,059	683,998	1,989,282	8,087,515	1,036,687	------	16,577	5,692,807	5,274,862	171,086	208,598	38,261	23,665,993	17,973,186	25
926,564	55,322	116,025	697,428	57,789	------	------	380,837	260,232	89,452	29,453	1,700	1,763,055	1,382,218	26
1,225,466	137,984	92,082	511,903	478,504	4,000	993	1,229,012	1,095,000	80,959	53,053	------	3,894,601	2,665,589	27
403,912	101,382	33,753	242,234	26,543	------	------	836,266	822,701	5,760	7,805	------	1,538,012	701,746	28
(5)	(5)	(5)	(5)	(5)	------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	29
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	------	(5)	(5)	30
16,453,146	534,065	2,469,286	12,019,216	1,376,199	------	54,380	9,902,730	8,976,089	297,586	626,506	2,549	42,351,299	32,448,569	31
886,696	36,500	16,632	831,482	2,082	------	------	112,536	98,547	3,253	10,736	------	1,153,268	1,040,732	32
1,887,020	45,508	108,490	1,676,508	56,514	------	------	3,632,310	3,486,726	10,179	20,017	115,388	6,342,998	2,710,688	33
340,729	14,790	8,940	313,023	2,728	------	1,248	31,926	25,838	2,076	4,012	------	446,079	414,153	34
309,967	46,805	53,271	172,044	37,847	------	------	858,924	578,536	2,720	3,887	273,781	1,386,217	527,293	35
618,440	20,940	43,535	548,765	5,200	------	------	2,068,327	2,046,480	2,505	5,014	14,328	3,011,882	943,555	36
2,315,782	240,902	392,943	1,580,410	93,332	8,195	------	1,572,317	1,462,453	50,619	53,779	5,466	4,931,244	3,358,927	37
425,068	27,288	53,805	297,610	46,365	------	------	767,538	759,372	402	3,047	4,717	1,669,170	901,632	38
21,065	2,000	3,944	15,121	------	------	------	33,701	32,943	287	471	------	68,877	35,176	39
295,859	45,978	26,446	208,079	15,356	------	------	340,013	315,607	18,187	6,219	------	855,745	515,732	40
416,368	46,712	32,213	316,771	20,672	------	------	573,110	549,030	14,665	8,201	1,214	1,186,098	612,988	41
(5)	(5)	(5)	(5)	(5)	(5)	------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	42
336,999	57,087	6,575	265,837	7,500	------	------	84,098	74,355	3,159	5,603	981	541,619	457,521	43
338,483	40,760	26,204	228,636	42,285	------	598	286,976	262,135	11,484	13,357	------	721,155	434,179	44
1,355,466	191,725	193,462	908,376	61,903	------	------	1,612,205	1,558,956	24,215	27,044	1,990	4,025,627	2,413,422	45
788,633	60,716	93,632	563,446	70,839	------	------	830,370	782,176	25,664	22,530	------	2,070,846	1,240,476	46
4,726,248	107,468	721,402	3,355,977	346,036	195,365	------	3,205,809	3,044,593	79,859	59,802	21,555	11,460,621	8,254,812	47
5,844,617	562,814	1,740,214	2,488,943	1,030,172	22,474	------	2,153,512	1,952,455	57,383	116,934	26,740	11,889,012	9,735,500	48
12,634	2,826	9,808	------	------	------	------	24,804	92	------	------	24,712	47,666	22,862	49
771,436	169,672	53,431	221,238	319,579	------	7,516	1,420,028	1,361,757	28,442	29,829	------	3,459,866	2,039,838	50
556,225	85,837	38,753	422,702	7,563	------	1,310	746,358	681,421	36,497	15,506	9,934	1,541,777	795,419	51
3,651,614	121,432	612,279	2,411,837	324,818	179,785	1,463	4,988,295	4,800,354	34,016	90,071	63,854	11,352,340	6,364,045	52
16,160,711	119,708	1,915,991	13,809,639	123,321	191,170	882	5,896,461	5,544,479	128,854	213,625	9,503	28,741,608	22,845,147	53
641,163	140,616	148,280	204,832	147,435	------	------	1,294,570	1,246,387	13,000	9,380	25,803	2,402,562	1,107,992	54
501,980	77,095	94,887	248,543	78,195	3,260	------	1,610,357	1,575,126	18,355	16,876	------	2,934,820	1,324,463	55
3,052,222	330,434	349,978	2,232,572	111,514	27,724	------	6,261,768	5,299,477	765,998	191,492	4,801	12,062,927	5,801,159	56
3,172,620	374,425	368,128	2,118,520	311,547	------	------	5,438,188	5,298,777	66,726	45,185	27,500	11,151,914	5,713,726	57
29,427	------	1,625	25,102	2,700	------	------	123,909	107,318	13,909	2,682	------	277,077	153,168	58
570,843	54,607	130,977	334,019	43,164	------	8,076	1,795,010	1,776,791	7,633	10,586	------	5,598,993	3,803,983	59
(5)	(5)	(5)	(5)	(5)	(5)	------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	60
825,888	167,256	393,808	12,542	252,282	------	------	2,835,816	1,102,584	1,313	1,294	1,730,625	5,448,345	2,612,529	61
668,277	144,359	60,103	435,816	27,999	------	------	130,207	98,779	3,368	11,917	16,143	1,041,146	910,939	62
(5)	(5)	(5)	(5)	(5)	(5)	------	(5)	(5)	(5)	(5)	------	(5)	(5)	63
873,742	46,575	85,507	595,444	131,210	10,000	5,006	1,409,759	1,358,626	14,967	36,166	------	2,615,634	1,205,875	64
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	------	(5)	(5)	65

TABLE 8.—GENERAL STATISTICS FOR

		INDUSTRY	Number of establishments	Proprietors and firm members	PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1]						
					Total [2]	Salaried officers of corporations [2]	Manufacturing		Distribution	Construction	Other
							Salaried employees [3]	Wage earners (average for year) [3]			
1	24	Power boilers and associated products	8	3	294	13	43	214	24		
2	1	Prepared feeds, including material for animals and fowls	6	2	138	12	24	91	8		3
3	27	Printing trades machinery and equipment	3		407	8	79	308	6		6
4	3	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	3		101	5	14	80	2		
5	20	Professional and scientific instruments (except surgical and dental)	4	3	699	10	98	416	122	1	52
6	17	Pumping equipment and air compressors	3		455	9	137	219	90		
7	16	Radio receiving tubes, and phonographs	6	1	1,055	9	235	698	51	62	
8	3	Rayon, broad woven goods—regular factories or jobbers engaging contractors	10	2	3,248	20	131	3,087	10		
9	3	Rayon narrow fabrics	8	1	426	9	34	315	63	5	
10	4	Robes, bathing garments, and dressing gowns	6	1	555	6	38	491	20		
11	11	Rubber products not elsewhere classified	17	1	2,859	31	307	2,413	97	9	2
12	12	Saddlery, harness, and whips	3	2	27	2	5	15	5		
13	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	30	22	275	11	22	181	60		1
14	7	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	19	25	100		2	96	2		
15	14	Saws	3	1	177	6	19	127	20	5	
16	14	Screw-machine products and wood screws	34	14	3,018	52	291	2,564	108	3	
17	17	Sewing machines, domestic and industrial	3		1,719	8	313	1,352	20	26	
18	15	Sheet-metal work not specifically classified	18	13	231	17	24	168	21		1
19	20	Signs, advertising displays, and advertising novelties	15	18	163	5	18	103	37		
20	3	Silk broad woven goods—regular factories or jobbers engaging contractors	3	1	1,747	6	249	1,491	1		
21	3	Silk yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	5		772	8	74	679	11		
22	15	Silverware and plated ware	21	8	5,237	27	366	4,727	114		3
23	12	Small leather goods	3	2	145	7	2	133	3		
24	17	Special-industry machinery, not elsewhere classified	9	3	1,272	19	201	1,015	18	2	17
25	20	Sporting and athletic goods not elsewhere classified	9	5	1,395	16	95	1,202	77	5	
26	14	Stamped and pressed metal products (except automobile stampings)	32	7	2,607	49	176	2,334	46	2	
27	14	Steam fittings, regardless of material	7		1,706	13	381	1,295	17		
28	14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	7		481	18	86	352	25		
29	20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	6	3	399		41	354	4		
30	4	Suspenders, garters, and other goods made from purchased elastic material	7	2	396	5	22	344	23		2
31	17	Textile machinery	9	3	430	8	46	324	27		25
32	14	Tools (except edge tools, machine tools, files, and saws)	27	5	2,967	45	395	2,249	238	40	
33	4	Trousers, semidress, wash suits, and washable service apparel	5	6	516	3	18	479	16		
34	6	Upholstered household furniture	18	9	550	30	34	464	22		
35	6	Venetian blinds	3	6	21		3	15	3		
36	1	Vinegar and cider	3	2	14			13	1		
37	6	Window and door screens and weather strip	4	6	19	2	1	16			
38	6	Window shades	4	2	14	1	2	11			
39	14	Wire drawn from purchased rods	8	2	1,714	20	225	1,418	34	10	7
40	14	Wirework not elsewhere classified	34	13	2,390	59	300	1,930	96	4	1
41	16	Wiring devices and supplies	15	1	3,709	34	461	2,928	281	4	1
42	4	Women's and misses' blouses and waists—made in contract factories	4	3	321	3	7	311			
43	4	Women's and misses' dresses (except house dresses)—made in contract factories	38	31	2,829	37	87	2,694	6		5
44	4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	12	2	1,076	12	47	1,003	14		
45	4	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics	11	6	1,100	13	58	992	37		
46	4	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	8	2	1,659	7	40	1,597	12	1	2
47	12	Women's pocketbooks, handbags, and purses	9	3	1,386	16	67	1,262	35		6
48	6	Wooden boxes except cigar boxes	8	5	268	7	18	220	7		6
49	6	Wood products not elsewhere classified	11	10	146	2	13	131			
50	3	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	35	1	7,041	52	519	6,457	10		3
51	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	5	3	202	3	13	182	4		

See footnotes at end of table.

THE STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [3]	Salaries of officers of corporations [3]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
501,063	67,681	67,744	322,237	43,401	----	----	839,839	723,352	12,656	9,038	94,793	1,650,546	810,707	1
(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	2
657,101	48,010	169,844	412,354	17,716	----	9,177	280,290	248,885	12,415	18,990	----	1,051,435	771,145	3
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	4
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	5
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	6
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	7
3,390,223	140,525	289,989	2,931,483	28,226	----	----	7,197,950	6,933,968	155,342	79,143	29,497	12,474,771	5,276,821	8
378,998	27,584	40,739	253,859	55,434	1,382	----	486,459	454,422	17,118	14,919	----	1,092,474	606,015	9
558,435	38,292	54,744	398,712	66,687	----	----	1,308,104	1,292,897	3,068	5,634	6,505	2,152,231	844,127	10
3,509,179	203,184	580,812	2,481,598	226,228	15,255	2,102	4,870,488	4,507,371	134,003	195,409	33,705	10,933,503	6,063,015	11
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	----	(5)	----	(5)	(5)	12
381,602	49,310	36,205	212,696	82,209	----	1,182	2,862,361	2,815,542	20,345	26,474	----	3,605,697	743,336	13
79,322	----	2,000	75,922	1,400	----	----	68,926	55,821	8,150	615	4,340	212,268	143,342	14
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	15
4,206,213	291,439	534,167	3,141,605	235,604	3,398	----	4,506,995	4,228,217	65,281	137,919	75,578	11,149,093	6,642,098	16
2,574,783	59,359	623,903	1,808,752	40,777	41,992	----	862,026	790,994	40,754	30,278	----	3,990,667	3,128,641	17
332,663	62,984	34,074	201,719	32,866	----	1,020	387,147	375,397	5,668	5,130	952	856,159	469,012	18
253,964	24,714	30,838	137,320	61,092	----	----	121,703	114,007	1,570	4,844	1,282	504,627	382,924	19
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	20
767,053	58,500	127,325	556,841	24,387	----	----	1,539,566	1,468,619	27,636	19,184	24,127	2,624,236	1,084,670	21
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	22
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	----	(5)	----	(5)	(5)	23
2,426,607	167,650	531,937	1,599,987	80,474	4,134	42,425	1,905,732	1,642,555	70,384	92,217	100,576	5,130,214	3,224,482	24
1,725,973	126,718	134,780	1,336,574	119,616	8,285	----	1,772,445	1,617,605	55,444	86,954	12,442	4,048,328	2,275,883	25
3,125,135	287,091	314,596	2,444,246	74,961	4,241	----	3,794,312	3,608,722	48,109	79,540	57,941	8,492,826	4,698,514	26
2,558,571	77,349	629,267	1,819,617	32,338	----	----	2,600,938	2,442,464	65,899	85,577	6,998	7,712,773	5,111,835	27
582,806	52,213	128,614	368,080	33,899	----	----	871,379	815,452	23,346	13,060	19,521	1,769,312	897,933	28
387,317	----	98,324	271,266	17,727	----	----	1,737,504	1,682,503	38,978	15,823	200	3,082,457	1,344,953	29
312,273	20,530	29,154	236,709	24,880	----	1,000	786,403	778,149	4,609	3,645	----	1,344,818	558,415	30
604,634	57,804	84,027	379,630	43,388	----	39,785	570,413	540,960	14,403	15,050	----	1,361,363	790,950	31
3,827,544	193,477	564,478	2,607,983	389,650	71,956	----	3,583,219	3,332,052	145,021	98,571	7,575	9,994,214	6,410,995	32
429,477	9,360	31,088	330,479	58,550	----	----	369,060	329,736	936	3,888	34,500	909,130	540,070	33
596,117	78,382	51,255	427,033	39,447	----	----	1,208,559	1,191,507	2,728	7,712	6,612	2,094,644	886,085	34
21,122	----	2,553	13,385	5,184	----	----	35,327	34,732	289	306	----	98,054	62,727	35
9,765	----	----	9,179	586	----	----	23,710	22,336	889	485	----	49,816	26,106	36
17,633	4,410	250	12,973	----	----	----	25,374	24,854	57	463	----	62,159	36,785	37
23,542	4,300	4,500	14,742	----	----	----	34,131	33,655	317	159	----	67,568	33,437	38
2,672,273	237,065	519,358	1,823,553	65,868	20,056	6,373	4,383,909	4,062,171	241,883	79,855	----	10,049,046	5,665,137	39
3,725,957	438,870	519,995	2,538,724	223,612	3,716	1,040	4,220,865	3,954,827	124,895	105,966	35,177	10,163,322	5,942,457	40
5,314,418	323,350	723,356	3,583,886	671,707	10,157	1,962	6,486,298	6,314,759	58,877	80,990	31,672	16,352,132	9,865,834	41
251,438	18,934	9,414	223,090	----	----	----	13,856	10,001	817	3,038	----	309,867	296,011	42
2,577,719	128,049	143,501	2,297,449	5,149	----	3,571	266,517	234,484	4,937	27,096	----	3,317,191	3,050,674	43
984,637	92,361	75,121	789,039	28,116	----	----	1,851,921	1,824,967	2,297	10,484	14,173	3,509,153	1,657,232	44
862,096	98,686	82,442	612,710	68,258	----	----	1,778,868	1,546,203	1,366	11,562	219,737	2,936,023	1,157,155	45
1,110,292	38,445	56,723	996,234	15,919	971	2,000	3,168,289	3,149,783	404	13,999	4,103	4,660,524	1,492,235	46
1,092,967	94,190	101,565	820,227	70,977	----	6,008	2,034,789	2,015,801	2,258	8,403	8,327	3,505,074	1,470,285	47
304,184	53,525	28,251	203,683	12,115	----	6,610	496,754	481,604	2,441	9,976	2,733	928,256	431,502	48
155,793	5,183	17,746	132,864	----	----	----	303,041	297,791	2,909	2,341	----	624,264	321,223	49
8,197,724	376,526	1,028,374	6,743,702	44,734	----	4,388	21,524,063	20,732,973	497,406	168,882	124,802	34,937,187	13,413,124	50
159,569	6,700	23,532	123,037	6,300	----	----	351,908	346,429	75	2,259	3,145	689,863	337,955	51

TABLE 8.—GENERAL STATISTICS FOR

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1]						
					Total [2]	Salaried officers of corporations [2]	Manufacturing		Distribution	Construction	Other
							Salaried employees [2]	Wage earners (average for year) [3]			
1		Other industries [4]	384	131	61,629	522	7,363	50,599	2,519	443	183
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [4]									
2	1	Food and kindred products	39	24	1,357	38	154	988	157	13	7
3	3	Textile-mill products and other fiber manufactures	46	11	7,708	61	785	6,791	58	12	1
4	4	Apparel and other finished products made from fabrics and similar materials	36	19	2,292	37	117	1,951	171	15	1
5	6	Furniture and finished lumber products	10	4	301	12	24	218	45		2
6	7	Paper and allied products	7	3	474	6	30	395	32	11	..
7	8	Printing, publishing, and allied industries	10	3	1,496	17	114	1,229	107	29	.....
8	9	Chemicals and allied products	36	3	5,842	44	729	4,626	311	111	21
9	11	Rubber products	4		6,572	13	580	5,571	338	70	.....
10	12	Leather and leather products	11	7	426	13	36	366	11	.	.
11	13	Stone, clay, and glass products	12		2,000	25	217	1,453	302	1	2
12	14	Iron and steel and their products, except machinery	22	7	2,016	34	243	1,664	70	5	..
13	15	Nonferrous metals and their products	41	15	7,145	50	522	6,391	168	11	3
14	16	Electrical machinery	24	4	7,952	36	1,227	6,326	206	76	81
15	17	Machinery (except electrical)	24	2	2,148	41	400	1,536	161	.....	10
16	20	Miscellaneous industries	40	24	3,794	54	463	2,886	285	54	52
17	19	Transportation equipment except automobiles	19	4	9,767	38	1,668	7,928	95	35	3
	2, 10	Tobacco manufactures; Products of petroleum and coal	1, 2	1	339	3	54	280	2		..

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] See headnote to table 3 and GENERAL EXPLANATIONS Persons engaged—general classification.
[2] Figures do not include data for personnel of central-administrative offices.
[3] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

THE STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
89,034,812	3,763,003	14,731,201	64,870,534	4,703,284	636,057	330,733	170,865,640	158,912,197	2,744,039	2,287,463	6,921,941	350,527,541	179,661,901	1
1,950,826	279,575	251,244	1,096,733	280,680	27,641	14,953	10,947,095	10,819,679	64,581	62,835	----------	15,737,410	4,790,315	2
9,216,970	305,361	1,517,834	7,272,764	97,348	20,009	3,654	14,269,658	13,535,628	486,159	148,777	99,094	31,172,523	16,902,865	3
2,497,878	236,695	162,484	1,750,108	315,249	32,874	468	4,827,197	4,673,963	20,648	38,143	94,443	9,602,619	4,775,422	4
417,989	49,559	36,928	257,953	71,774	----------	1,775	730,902	707,136	11,787	10,559	1,420	1,309,386	578,484	5
652,020	54,590	80,079	432,241	68,276	16,834	----------	1,071,845	1,039,484	10,314	12,471	9,576	2,222,630	1,150,785	6
2,527,595	209,654	227,787	1,829,320	219,229	41,605	----------	3,163,826	2,232,818	33,473	46,045	851,490	9,701,385	6,537,559	7
7,958,866	312,518	1,425,162	5,438,822	613,087	145,284	23,993	18,212,181	17,228,299	477,162	502,120	4,600	39,185,984	20,973,803	8
8,264,194	116,502	951,724	6,667,792	388,923	139,253	----------	12,448,958	12,014,155	143,328	291,475	----------	22,387,861	9,938,903	9
520,836	61,110	81,479	362,109	16,138	----------	----------	852,017	814,631	17,375	15,277	4,734	1,800,554	948,537	10
2,868,732	198,211	400,541	1,740,202	526,640	1,938	1,200	2,763,686	2,538,766	115,312	109,608	----------	6,479,803	3,716,117	11
3,252,681	225,317	513,096	2,349,052	158,561	6,655	----------	5,038,564	4,248,864	415,081	279,626	94,993	10,288,118	5,249,554	12
9,871,319	321,388	889,141	8,344,585	294,638	20,656	911	30,706,972	30,214,609	237,603	182,889	71,871	50,966,489	20,259,517	13
11,439,631	297,481	2,677,402	7,858,906	427,484	54,723	123,635	22,371,886	21,762,375	326,445	120,300	162,766	45,007,938	22,636,052	14
3,640,445	329,779	899,822	2,008,239	392,473	----------	10,132	4,732,348	4,568,517	57,772	55,885	50,174	12,532,506	7,800,158	15
5,162,688	388,273	778,285	3,149,441	636,309	65,989	144,391	6,597,663	6,301,395	78,293	97,167	120,808	16,468,366	9,870,703	16
18,792,142	376,990	3,838,193	14,312,267	196,475	62,596	5,621	32,130,842	26,211,878	248,706	314,286	5,355,972	75,663,969	43,533,127	17

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[6] For numbers of establishments and of wage earners in individual industries, see table 12.

TABLE 9.—GENERAL STATISTICS FOR

[This table presents for each industrial area, separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for which combined figures are given, however, reported larger numbers of

	Group	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED BY MANUFACTURING ESTABLISHMENTS[1] Total[2]	Salaried officers of corporations[2]	Manufacturing: Salaried employees[2]	Manufacturing: Wage earners (average for year)[3]	Distribution	Construction	Other
		BRIDGEPORT-NEW HAVEN-WATERBURY INDUSTRIAL AREA									
1		All industries, total	1,728	813	157,811	1,936	17,304	128,396	8,353	1,437	385
2	19	Aircraft and parts, including aircraft engines	4		1,299	11	287	990	7	4	
3	15	Alloying and rolling and drawing of nonferrous metals, except aluminum	19		17,317	36	1,836	14,486	309	649	1
4	15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	5	2	778	5	57	713	3		
5	8	Books, printing without publishing	9	3	529	13	56	449	11		
6	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	234	223	2,441	41	150	1,929	283	3	35
7	20	Buttons	4		658	9	57	531	61		
8	1	Candy and other confectionery products	8	4	588	15	67	430	63	11	2
9	4	Canvas products (except bags)	3	3	28		5	19	4		
10	6	Caskets, coffins, burial cases, and other mortuarians' goods[4]	5	1	88	6	21	45	13		3
11	9	Chemicals not elsewhere classified	4		813	4	182	569	51	6	1
12	2	Cigars	18	17	459	7	17	418	16	1	
13	9	Cleaning and polishing preparations, blackings, and dressings	7	1	32	5	10	10	7		
14	15	Clocks, watches, and materials and parts (except watchcases)	3		4,049	18	354	3,509	151	17	
15	9	Coal tar products, crude and intermediate	3		18		6	12			
16	4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	3		127	5	7	113	2		
17	13	Concrete products	21	12	201	11	19	146	23	2	
18	7	Converted paper products not elsewhere classified	5		244	3	22	203	16		
19	4	Corsets and allied garments	16	3	3,631	37	432	2,636	518		8
20	14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	15	6	2,537	13	213	2,136	124	14	37
21	9	Drugs and medicines (including drug grinding)	5		627	10	111	480	26		
22	3	Dyeing and finishing cotton, rayon, silk, and linen textiles	6	1	522	13	61	447	1		
23	16	Electrical appliances	5		2,001	10	222	1,472	277	7	13
24	15	Electroplating, plating, and polishing	13	7	388	12	49	312	11	4	
25	14	Enameled iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	6	1	532	5	82	431	14		
26	8	Engraving (steel, copperplate, and wood), plate printing	5	3	135	7	11	104	13		
27	20	Fabricated plastic products, not elsewhere classified	10		1,354	16	117	1,198	21	2	
28	9	Fertilizers	3		83	3	11	52	17		
29	3	Finishing of men's and boys' hats of fur-felt, wool felt, and straw	5	1	243	5	13	217	8		
30	9	Fireworks	3		90	7	7	72	4		
31	20	Games and toys (except dolls and children's vehicles)	10	4	891	9	77	737	62	6	
32	8	General commercial job printing	91	54	1,024	78	126	781	36	3	
33	16	Generating, distribution, and industrial apparatus, and apparatus for the transmission of manufactured products, not elsewhere classified	7	1	670	11	188	446	25		
34	14	Gray iron and semisteel castings	14	2	957	24	60	840	33		
35	14	Hardware not elsewhere classified	23	4	7,253	47	875	5,618	687	23	3
36	3	Hat bodies and hats, fur-felt	22		6,473	60	334	5,732	119	25	3
37	3	Hatters' fur	24	15	1,272	24	65	1,167	16		
38	6	Household furniture, except upholstered	13	3	313	9	15	257	22		10
39	1	Ice cream and ices	23	4	311	15	36	151	106	3	
40	1	Ice, manufactured	21	9	155	15	21	89	28		4
41	17	Industrial machinery, not elsewhere classified	8	3	165	10	27	105	17		2
42	9	Insecticides, fungicides, and related industrial and household chemical compounds	10	4	199	14	51	48	85	1	
43	3	Knit outerwear (except knit gloves)—contract factories	5	6	99	2	1	96			
44	15	Locks and hardware	15	5	1,510	25	179	1,146	138		22
45	1	Liquors, rectified or blended	7	2	32		7	25			
46	8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	6	2	151	11	19	111	9	1	
47	1	Macaroni, spaghetti, vermicelli, and noodles	4	1	59	4	4	37	14		
48	8	Machine and hand typesetting (including advertisement typesetting)	5	3	27	2	6	19			
49	17	Machine shop products, n. e. c.	23	6	1,408	31	239	1,045	54	21	18
50	17	Machine shop repairs	7	7	40	7	4	28	1		
51	17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and mechanics' precision tools	26	10	966	36	110	736	82		2
52	1	Malt liquors	6		459	16	30	241	169	2	1
53	6	Mattresses and bedsprings	14	10	211	9	19	167	16		
54	17	Mechanical power-transmission equipment	7		3,168	21	412	2,595	136		4
55	4	Men's and boys' shirts (except work shirts), collars, and nightwear (made in contract factories)	6	4	1,353	5	10	1,335	3		
56	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	5	1	230	7	22	180	21		
57	4	Men's neckwear (made in inside factories or by jobbers engaging contractors)	3	2	602	5	10	585	2		
58	17	Metalworking machinery and equipment, not elsewhere classified	6		949	16	110	802	14	7	
59	4	Millinery	4	2	315	2	37	265	11		
60	20	Miscellaneous fabricated products not elsewhere classified	6		249	10	12	222	5		
61	20	Models and patterns (except paper patterns)	16	14	134	10	4	119	1		
62	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	8	7	87	6	5	47	28		1
63	18	Motor vehicles, motor-vehicle bodies, parts and accessories	9	3	943	18	114	794	17		
64	20	Needles, pins, hooks and eyes, and slide and snap fasteners	6		1,870	8	242	1,365	153	102	
65	8	Newspapers: publishing and printing	32	9	1,913	56	502	888	467		
66	1	Nonalcoholic beverages	45	37	330	27	26	114	161		2

See footnotes at end of table.

INDUSTRIAL AREAS, BY INDUSTRIES: 1939

for individual establishments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries wage earners or larger values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
BRIDGEPORT-NEW HAVEN-WATERBURY INDUSTRIAL AREA														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
215,929,804	12,936,803	33,170,543	150,993,009	15,893,259	2,291,707	644,483	328,869,811	310,554,882	7,863,964	6,029,774	4,421,191	722,554,276	393,684,465	1
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	2
27,588,078	429,711	4,384,533	20,782,381	926,506	1,064,047	900	62,796,526	59,185,704	2,215,836	1,344,714	50,272	120,767,084	57,970,558	3
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	4
850,571	113,035	135,376	571,226	30,934	----	----	539,404	487,464	7,593	14,807	29,540	1,668,653	1,129,249	5
3,205,391	179,032	277,633	2,401,400	302,631	4,629	45,066	5,468,524	5,158,742	192,541	117,241	----	11,486,433	6,017,909	6
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	7
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	8
39,533	----	7,042	25,599	6,892	----	----	67,696	66,245	913	538	----	127,524	59,828	9
196,396	79,246	37,460	54,972	21,798	----	2,920	184,924	178,397	3,482	3,045	----	782,862	597,938	10
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	11
471,256	31,397	30,080	380,114	26,498	3,167	----	563,538	554,301	5,848	3,389	----	1,432,935	869,397	12
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	13
4,332,432	134,313	491,138	3,485,939	195,379	25,663	----	2,859,297	2,743,775	49,789	47,257	18,476	8,447,464	5,588,167	14
(5)	----	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	15
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	16
276,437	54,618	27,637	163,586	27,454	3,142	----	550,317	519,029	6,241	9,202	15,845	1,176,525	626,208	17
296,068	20,972	35,821	214,919	24,356	----	----	406,515	390,639	3,324	12,552	----	930,530	524,015	18
4,599,015	661,879	737,320	2,290,400	898,333	----	11,083	5,479,130	5,414,431	34,114	20,144	10,441	13,813,826	8,364,696	19
2,909,102	124,197	377,844	2,149,850	177,944	23,975	55,292	2,012,174	1,893,058	55,592	63,524	----	5,964,299	3,952,125	20
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	21
747,759	136,174	135,272	472,343	3,970	----	----	654,710	513,395	113,378	27,937	----	1,857,951	1,203,241	22
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	23
492,188	64,902	84,345	310,699	23,032	9,210	----	531,878	478,059	12,728	40,917	174	1,485,221	953,343	24
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	25
182,362	31,214	19,759	106,781	24,608	----	----	169,831	152,308	1,455	4,506	11,562	394,990	225,159	26
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	27
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	28
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	29
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	30
793,341	58,660	100,365	558,548	69,568	6,200	----	931,124	907,647	11,354	12,123	----	2,623,430	1,692,306	31
1,499,665	245,230	184,680	1,007,181	58,905	3,669	----	964,686	800,722	17,570	41,562	104,832	3,160,699	2,196,013	32
1,143,785	57,566	428,251	612,169	45,799	----	----	811,098	745,224	14,528	19,09	32,250	2,245,142	1,434,044	33
1,262,440	116,900	117,407	956,522	71,611	----	----	696,112	576,970	89,978	27,743	1,421	2,308,389	1,612,277	34
9,147,430	289,858	1,428,479	6,185,255	1,222,953	17,931	2,954	7,097,025	6,674,605	287,120	134,100	1,200	19,173,656	12,076,631	35
9,433,885	522,792	1,030,472	7,320,890	512,701	43,388	3,642	10,817,819	10,208,277	386,594	116,810	106,138	24,618,145	13,800,326	36
1,199,961	156,797	114,111	887,553	41,500	----	----	3,127,869	3,015,855	62,004	38,163	11,847	5,175,698	2,047,829	37
380,498	46,520	29,743	245,401	42,615	----	16,219	797,554	784,557	3,005	9,902	90	1,367,088	569,534	38
440,311	47,903	51,274	170,669	166,224	4,241	----	1,354,171	1,287,136	16,957	50,078	----	2,724,409	1,370,238	39
241,447	48,572	41,065	112,325	37,622	----	1,863	150,883	43,681	40,932	66,270	----	881,627	730,744	40
283,367	81,360	36,952	132,749	30,224	----	2,082	284,677	275,296	3,199	5,391	791	817,223	532,546	41
423,727	121,357	81,417	52,722	166,906	1,325	----	499,162	488,505	3,986	6,671	----	1,279,845	780,683	42
(5)	(5)	(5)	(5)	----	----	----	(5)	(5)	----	(5)	----	(5)	(5)	43
2,013,343	162,625	351,385	1,177,837	243,502	----	77,994	2,319,237	2,178,760	52,926	69,451	18,100	5,350,852	3,031,615	44
(5)	----	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	45
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	46
60,956	8,368	5,616	34,961	12,011	----	----	179,466	168,078	3,554	7,834	----	279,460	99,994	47
49,034	8,347	8,922	31,765	----	----	----	19,384	17,011	553	1,143	677	102,013	82,629	48
2,047,608	128,787	337,412	1,383,876	137,641	30,680	29,212	1,987,604	1,802,250	81,341	102,248	1,765	5,545,259	3,557,655	49
64,859	14,716	4,241	44,935	967	----	----	38,055	34,767	947	2,341	----	136,592	98,537	50
1,567,892	175,227	237,258	963,132	190,737	----	1,538	587,779	511,763	20,505	38,689	16,822	2,810,616	2,222,837	51
906,423	109,800	67,533	395,638	328,459	4,000	993	935,672	845,652	53,209	36,811	----	3,014,307	2,078,635	52
303,431	70,662	23,635	186,091	23,043	----	----	609,875	601,375	4,341	4,159	----	1,128,000	518,125	53
5,274,999	285,180	833,368	3,750,903	397,321	----	8,227	3,330,082	3,115,387	57,899	156,796	----	14,817,556	11,487,474	54
886,696	36,500	16,632	831,482	2,082	----	----	112,536	98,547	3,253	10,736	----	1,153,268	1,040,732	55
294,149	35,825	50,827	169,650	37,847	----	----	621,286	439,445	2,702	3,833	175,306	1,055,469	434,183	56
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	----	(5)	(5)	(5)	(5)	57
1,644,765	149,106	261,423	1,178,533	47,508	8,195	----	856,361	779,460	40,156	36,745	----	3,035,156	2,178,795	58
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	59
221,764	33,507	17,301	167,266	3,690	----	----	260,426	250,323	4,493	5,545	65	586,800	326,374	60
284,146	54,487	3,975	218,184	7,500	----	----	65,017	57,170	2,775	4,141	931	442,550	377,533	61
131,041	25,120	10,715	60,789	33,819	----	598	159,366	152,517	688	6,161	----	327,094	167,728	62
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	63
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	64
3,258,099	311,869	951,293	1,414,458	580,479	----	----	1,337,738	1,209,901	37,476	66,264	24,097	6,670,893	5,333,155	65
426,050	75,436	31,981	105,111	211,197	----	2,325	793,327	760,397	18,035	14,895	----	1,954,460	1,161,133	66

TABLE 9.—GENERAL STATISTICS FOR INDUSTRIAL

		INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED BY MANUFACTURING ESTABLISHMENTS: Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
		BRIDGEPORT-NEW HAVEN-WATERBURY INDUSTRIAL AREA—Con.									
1	13	Nonferrous-metal foundries (except aluminum)	15	7	254	16	14	218	5		1
2	13	Nonferrous-metal products not elsewhere classified [5]	7		2,521	11	518	1,913	144	134	1
3	14	Oil burners, domestic and industrial	6		234	17	69	110	38		
4	9	Paints, varnishes, and lacquers	10	4	250	13	41	172	23	1	
5	7	Paper and paperboard mills	5		586	8	51	501	26		
6	7	Paperboard containers and boxes not elsewhere classified	24	7	1,755	38	129	1,461	127		
7	6	Partitions, shelving, cabinet work, and office and store fixtures	3	1	25	5	1	17	2		
8	8	Periodicals, publishing without printing	17	3	381	19	220	14	128		
9	8	Photoengraving, not done in printing establishments (including preparation of plates)	11	3	155	11	16	122	6		
10	20	Photographic apparatus and materials and projection equipment (except lenses)	3		247	5	20	216	4	2	
11	5	Planing mills not operated in conjunction with sawmills	18	10	245	6	29	160	46		4
12	1	Prepared feeds (including mineral) for animals and fowls	3	1	41	5	4	21	8		3
13	17	Pumping equipment and air compressors	3		455	9	137	219	90		
14	3	Rayon narrow fabrics	4	1	232	3	17	151	61		
15	4	Robes, lounging garments, and dressing gowns	3		433	6	29	387	11		
16	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	16	13	143	4	11	92	35		1
17	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	5	3	26		2	22	2		
18	14	Screw-machine products and wood screws	14	8	567	15	50	475	27		
19	15	Sheet-metal work not specifically classified	12	7	144	12	15	102	14		1
20	19	Shipbuilding and ship repairing	5	2	101	7	8	85	1		
21	20	Signs, advertising displays, and advertising novelties	10	8	126	4	14	71	37		
22	14	Stamped and pressed metal products (except automobile stampings)	24	5	2,423	40	155	2,181	45	2	
23	20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	3	1	148		20	124	4		
24	4	Suspenders, garters, and other goods made from purchased elastic material	4	1	344	5	20	294	23		2
25	14	Tools (except edge tools, machine tools, files, and saws)	11	2	504	18	69	403	14		
26	6	Upholstered household furniture	10	4	311	14	17	274	6		
27	6	Window shades [5]	4	2	14	1	2	11			
28	14	Wire drawn from purchased rods	8	2	1,714	20	225	1,418	34	10	7
29	14	Wirework not elsewhere classified	23	9	731	29	97	554	47	4	
30	16	Wiring devices and supplies	6		1,486	18	235	1,112	121		
31	4	Women's and misses' blouses and waists—made in contract factories	4	3	321	3	7	311			
32	4	Women's and misses' dresses (except house dresses)—made in contract factories	32	27	2,556	31	82	2,434	6		3
33	4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	5	2	328	5	22	293	8		
34	4	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics [5]	11	6	1,100	13	58	992	37		
35	4	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics [5]	8	2	1,659	7	40	1,597	12	1	2
36	12	Women's pocketbooks, handbags, and purses	9	3	1,386	16	67	1,262	35		6
37	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified [5]	5	3	202	3	13	182	4		
38		Other industries [6]	558	181	71,177	748	8,483	57,836	3,401	506	203
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]									
39	1	Food and kindred products	34	16	1,088	27	123	778	142	13	5
40	3	Textile-mill products and other fiber manufactures	37	8	4,539	49	432	3,948	105	5	
41	4	Apparel and other finished products made from fabrics and similar materials	84	58	7,097	74	281	6,360	361	16	5
42	6	Furniture and finished lumber products	10	11	208	2	19	181	6		
43	8	Printing, publishing, and allied industries	40	8	1,907	57	348	1,222	260	20	
44	9	Chemicals and allied products	48	5	4,889	54	741	3,792	257	30	15
45	11	Rubber products	18	1	8,706	36	829	7,336	429	74	2
46	12	Leather and leather products	11	3	699	20	62	606	10	1	
47	13	Stone, clay, and glass products	25	2	1,486	41	119	1,165	159		2
48	14	Iron and steel and their products, except machinery	59	16	7,258	90	1,008	5,860	217	74	[illegible]
49	15	Nonferrous metals and their products	32	12	6,419	39	470	5,756	151		3
50	16	Electrical machinery	32	3	10,529	59	1,543	8,193	551	89	94
51	17	Machinery (except electrical)	45	6	7,115	95	1,278	5,367	303	56	16
52	20	Miscellaneous industries	56	23	6,529	68	763	5,099	423	124	52
53	10	Products of petroleum and coal	4		343	3	55	284	1		
	18	Automobiles and automobile equipment	9	3	943	18	114	794	17		
	19	Transportation equipment except automobiles	11	4	1,374	13	293	1,057	7	4	
	2	Tobacco manufactures	1	2	48	3	5	38	2		
	7	Paper and allied products	2								

See footnotes at end of table.

AREAS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
BRIDGEPORT-NEW HAVEN-WATERBURY INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
325,157	39,972	28,899	250,547	4,429	----	1,310	596,884	547,524	26,578	12,848	9,934	1,099,019	502,135	1
3,448,126	115,619	590,439	2,246,835	316,475	177,295	1,463	4,805,314	4,641,687	25,602	82,897	55,128	10,855,220	6,049,906	2
514,249	102,801	133,024	160,198	118,226	----	----	906,874	868,705	6,053	6,313	25,803	1,693,201	786,327	3
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	4
930,119	56,757	146,030	681,278	46,054	----	----	2,583,122	2,279,580	250,640	52,902	----	4,530,910	1,947,788	5
2,395,614	259,744	263,901	1,583,886	288,083	----	----	3,418,087	3,345,733	27,408	17,446	27,500	7,731,697	4,313,610	6
25,479	8,759	732	14,962	1,026	----	----	31,133	28,832	465	416	1,420	78,456	47,323	7
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	8
441,937	48,279	48,250	340,015	5,393	----	----	84,549	64,904	1,929	6,395	11,321	673,038	588,489	9
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	10
360,792	2,365	54,573	241,824	57,024	----	5,006	703,439	674,632	7,598	21,209	----	1,201,294	497,855	11
(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	12
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	13
204,201	7,700	17,841	133,062	45,598	----	----	201,059	187,817	6,014	7,228	----	500,355	299,296	14
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	15
187,529	11,770	19,830	104,968	49,779	----	1,182	1,324,048	1,298,820	11,419	13,809	----	1,636,547	312,499	16
18,303	----	2,000	14,903	1,400	----	----	19,000	16,800	2,200	----	----	48,317	29,317	17
750,668	62,745	99,893	533,223	54,807	----	----	1,268,860	1,207,218	19,564	36,434	5,644	2,365,020	1,096,160	18
233,150	46,678	23,513	137,950	23,989	----	1,020	237,201	230,680	3,360	3,161	----	539,192	301,991	19
166,775	28,125	9,657	127,433	1,560	----	----	106,149	102,760	970	2,419	----	373,867	267,718	20
204,668	22,514	25,872	95,190	61,092	----	----	94,835	89,647	1,258	3,327	603	390,618	295,783	21
2,927,248	260,007	286,358	2,305,330	71,312	4,241	----	3,606,250	3,431,432	43,258	73,619	57,941	8,033,111	4,426,861	22
(5)	----	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	23
(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	24
620,760	80,199	98,339	413,453	28,769	----	----	627,394	580,680	20,372	26,342	----	1,749,522	1,122,128	25
338,510	33,392	28,833	264,000	12,285	----	----	528,321	522,245	1,817	4,259	----	982,952	454,631	26
23,542	4,300	4,500	14,742	----	----	----	34,131	33,655	317	159	----	67,568	33,437	27
2,672,273	237,065	519,358	1,823,553	65,868	20,056	6,373	4,383,909	4,062,171	241,883	79,855	----	10,049,046	5,665,137	28
1,069,191	210,947	146,590	606,211	101,727	3,716	----	1,514,514	1,440,476	25,190	32,818	16,030	3,534,311	2,019,797	29
2,091,975	155,671	281,346	1,234,475	420,483	----	----	3,072,677	3,017,446	28,786	10,844	15,601	7,070,677	3,998,000	30
251,438	18,934	9,414	223,090	----	----	----	13,856	10,001	817	3,038	----	309,867	296,011	31
2,375,635	116,792	139,430	2,111,924	5,149	----	2,340	257,650	229,987	3,579	24,084	----	3,074,727	2,817,077	32
366,583	20,631	34,464	305,503	5,985	----	----	479,288	472,549	1,780	4,959	----	1,060,968	581,680	33
862,096	98,686	82,442	612,710	68,258	----	----	1,778,868	1,546,203	1,366	11,562	219,737	2,936,023	1,157,155	34
1,110,292	38,445	56,723	996,234	15,919	971	2,000	3,168,289	3,149,783	404	13,999	4,103	4,660,524	1,492,235	35
1,092,967	94,190	101,565	820,227	70,977	----	6,008	2,034,789	2,015,801	2,258	8,403	8,327	3,505,074	1,470,285	36
159,569	6,700	23,532	123,037	6,300	----	----	351,908	346,429	75	2,259	3,145	689,863	337,955	37
98,381,507	5,267,504	16,304,490	69,051,416	6,570,287	832,937	354,873	167,368,740	158,290,304	3,082,231	2,669,893	3,326,312	357,476,023	190,107,283	38
1,576,744	170,745	200,842	911,271	254,963	27,641	11,282	7,806,480	7,700,707	58,255	47,518	----	11,450,139	3,643,659	39
5,278,942	332,509	751,290	3,949,312	234,301	8,003	3,527	12,064,680	11,686,470	261,102	90,613	26,495	21,688,463	9,623,783	40
6,422,052	358,368	459,974	4,867,961	698,167	34,278	3,304	11,276,227	10,938,919	35,572	75,494	226,242	21,604,434	10,328,207	41
215,152	8,320	25,541	171,690	9,601	----	----	703,435	684,644	9,035	7,023	2,733	1,100,059	396,624	42
3,591,680	368,656	654,760	2,044,285	490,786	33,193	----	5,734,067	3,141,733	38,959	57,518	2,495,857	14,935,528	9,201,461	43
6,796,379	297,455	1,393,273	4,568,050	468,045	50,884	18,672	17,935,130	17,134,109	380,735	415,686	4,600	38,199,793	20,264,663	44
11,014,883	280,688	1,441,608	8,539,993	602,626	147,866	2,102	16,276,171	15,542,718	240,956	458,792	33,705	31,225,655	14,949,484	45
797,887	84,781	129,765	570,827	11,404	1,110	----	1,607,931	1,569,539	19,211	19,181	----	2,915,030	1,307,099	46
2,137,357	200,883	230,086	1,430,388	274,800	----	1,200	1,683,349	1,414,019	165,550	103,780	----	4,759,952	3,076,603	47
10,708,489	585,793	1,791,141	7,726,640	490,547	103,398	10,970	12,477,807	11,085,519	742,743	476,622	172,923	29,927,030	17,449,223	48
9,112,258	234,966	811,500	7,819,154	243,126	2,601	911	29,620,691	29,163,777	222,307	169,643	64,964	48,821,353	19,200,662	49
14,822,861	512,410	3,250,150	9,857,196	998,380	67,376	137,349	26,327,646	25,611,330	365,909	180,803	169,604	67,617,216	41,289,570	50
12,634,400	978,780	2,747,306	8,016,580	766,640	104,295	20,799	8,289,157	7,768,450	207,345	254,608	58,754	26,289,075	17,999,918	51
8,693,368	487,729	1,374,813	5,508,622	934,262	243,551	144,391	9,338,670	8,925,583	195,681	193,134	24,272	22,825,781	13,487,111	52
4,579,055	365,421	1,042,441	3,069,447	92,639	8,741	366	6,227,299	5,922,787	138,871	119,478	46,163	14,116,515	7,889,216	53

TABLE 9.—GENERAL STATISTICS FOR INDUSTRIAL

		INDUSTRY	Number of establishments	Proprietors and firm members	PERSONS EMPLOYED BY MANUFACTURING ESTABLISHMENTS[1]						
					Total[2]	Salaried officers of corporations[2]	Manufacturing		Distribution	Construction	Other
							Salaried employees[2]	Wage earners (average for year)[3]			
			HARTFORD INDUSTRIAL AREA								
1		All industries, total	671	312	75,041	850	8,012	62,244	3,337	473	125
2	20	Aircraft and parts, including aircraft engines	4		5,443	15	930	4,407	78	13	....
3	1	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	4	3	16		3	13			
4	1	Biscuits, crackers, and baking powder products (except biscuit, crackers, and pretzels)	83	74	1,136	35	96	1,150	142		13
5	15	Brass and bronze structural tube	8	3	258	13	15	218	5	6	1
6	20	Brushes	3	2	638		93	419	96	30	..
7	4	Canvas products (except bags)	3		27	4	2	19	2		
8	9	Cleaning and polishing preparations, blacking, and dressings	6	2	189	3	25	139	22		
9	13	Concrete products	3	2	46		5	41			
10	7	Converted paper products not elsewhere classified[a]	4		471	4	40	357	12	28	.
11	14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	5	3	924	7	72	824	21		
12	14	Enameled iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	3		220	6	10	184	20		
13	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	7	4	157	9	15	116	17		
14	4	Forgings, iron and steel, made in plants not operated in connection with rolling mills	4	2	141	4	14	122	1		
15	8	General commercial (job) printing	54	29	921	42	102	723	54		
16	16	Generators, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified[a]	8		1,239	18	274	810	136	..	1
17	14	Hardware not elsewhere classified	10	1	6,563	19	551	5,696	257	40	....
18	6	Household furniture, except upholstered	8	3	121	12	13	97	2	.	..
19	1	Ice cream and ices	9	7	108		16	59	25	.	8
20	7	Ice, manufactured	8	2	31	2	1	21	7	.	
21	9	Insecticides, fungicides, and related industrial and household chemical compounds[a]	4		57	5	6	17	28		1
22	1	Liquors, rectified or blended	3		132	10	20	80	12	2	8
23	8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	4	1	109	6	14	80	9		
24	1	Macaroni, spaghetti, vermicelli, and noodles	4	3	10		1	8	1	..	
25	8	Machine and hand typesetting (including advertisement typesetting)	6	5	28	3	5	20			.
26	17	Machinists' and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	20	6	1,186	45	140	993	26	12	..
27	17	Machine tools	7	1	3,245	26	554	2,464	220	...	1
28	1	Malt liquors	3		181	8	13	76	84	.....	..
29	17	Mechanical power-transmission equipment[a]	9		7,267	21	635	6,091	486	...	34
30	20	Models and patterns (except paper patterns)	7	6	30	1	1	28	..	.....	.
31	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	6	6	36	4	2	24	6		
32	18	Motor vehicles, motor-vehicle bodies, parts and accessories	3	1	81	5	8	66	2		.....
33	8	Newspapers publishing and printing	11	2	1,038	15	297	467	243	16	.. .
34	1	Nonalcoholic beverages	23	18	158	17	13	77	47	.. . .	4
35	15	Nonferrous metal foundries (except aluminum)	4	1	58	5	4	47	2		
36	17	Office and store machines not elsewhere classified	3		9,558	1	851	8,589	. .	66	1
37	7	Paper and paperboard mills	13		822	16	60	734	7	5	.....
38	7	Paperboard containers and boxes not elsewhere classified	7		117	14	9	123	1		.. .
39	8	Periodicals, publishing without printing	3		31	7	17	..	7		.. ..
40	7	Planing mills not operated in conjunction with sawmills	7	10	105	6	6	83	10		... ..
41	12	Saddlery, harness, and whips	3	2	27	2	5	15	5		. .
42	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	9	6	124	7	9	85	23	.	...
43	14	Screw-machine products and wood screws	16	6	2,294	32	224	1,965	70	3	.
44	20	Sporting and athletic goods not elsewhere classified	5	3	263	8	24	212	14	5	. ..
45	14	Steam fittings, regardless of material	3		463	6	60	386	11		. .....
46	14	Tools (except edge tools, machine tools, files, and saws)	13	2	2,441	24	326	1,827	224	40	. ...
47	6	Upholstered household furniture[a]	8	5	239	16	17	190	16	.....	.
48	6	Window and door screens and weather strip	4	6	19	2	1	16	...	. .	...
49	14	Wirework not elsewhere classified	8	1	1,382	22	181	1,132	46	.	1
50	16	Wiring devices and supplies	5		2,108	14	213	1,716	160	4	1
51	4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobber engaging contractors	7	.	749	7	25	711	6	.	.. ...
52	6	Wooden boxes except cigar boxes	4	3	92	3	3	84	2		.. ..
53	6	Wood products not elsewhere classified	3	3	33	1	4	28	..	.	... ...
54	3	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	3	.....	619	9	57	544	9		

See footnotes at end of table.

AREAS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
HARTFORD INDUSTRIAL AREA														
Dollars 108,871,761	*Dollars* 5,460,022	*Dollars* 15,473,948	*Dollars* 80,424,117	*Dollars* 6,611,691	*Dollars* 724,106	*Dollars* 177,877	*Dollars* 121,947,975	*Dollars* 109,886,361	*Dollars* 2,867,931	*Dollars* 2,835,707	*Dollars* 6,357,976	*Dollars* 326,666,843	*Dollars* 204,718,868	1
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	2
(5)	----------	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	3
1,929,336	87,071	157,762	1,559,256	109,536	599	15,112	3,500,490	3,335,528	100,804	64,158	----------	7,024,062	3,523,572	4
324,247	61,491	25,799	226,344	5,634	3,932	1,047	125,760	34,443	66,632	24,685	----------	716,385	590,625	5
(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	6
44,067	9,040	2,908	28,718	3,401	----------	----------	52,795	51,561	582	652	----------	133,247	80,452	7
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	8
(5)	----------	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	9
630,464	35,100	78,216	391,133	82,879	43,136	----------	838,320	810,513	13,641	14,166	----------	2,455,584	1,617,264	10
1,134,804	56,597	88,791	955,280	34,136	----------	----------	1,054,743	953,052	61,750	39,941	----------	3,213,896	2,159,153	11
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	12
292,850	72,848	18,346	162,351	39,305	----------	----------	539,885	526,517	8,959	3,498	911	1,017,734	477,849	13
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	14
1,603,406	150,431	182,472	1,154,460	116,043	----------	----------	1,538,926	1,291,677	12,582	37,729	196,938	3,741,243	2,202,317	15
1,983,343	139,306	497,190	1,006,571	338,618	----------	1,658	2,136,790	2,075,843	22,631	19,816	18,500	5,924,677	3,787,887	16
8,394,745	275,480	947,952	6,666,189	450,644	54,480	----------	8,167,792	7,686,639	326,541	150,434	4,178	22,799,791	14,631,999	17
161,579	33,300	15,769	110,190	2,320	----------	----------	146,949	136,827	3,303	4,807	2,012	362,323	215,374	18
155,145	----------	35,013	69,634	36,683	----------	13,815	335,077	300,110	20,046	14,627	294	718,014	382,937	19
38,159	4,800	840	24,480	8,039	----------	----------	53,431	12,976	5,704	34,751	----------	241,446	188,015	20
73,975	6,698	7,368	16,357	43,492	----------	60	78,177	76,260	1,200	717	----------	265,405	187,228	21
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	22
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	23
(5)	----------	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	24
44,931	9,100	5,555	30,276	----------	----------	----------	20,998	14,897	793	1,612	3,696	96,853	75,855	25
2,015,431	298,889	194,713	1,412,886	92,452	16,491	----------	822,768	712,932	37,030	49,184	23,622	4,299,720	3,476,952	26
7,088,568	299,465	1,215,036	4,739,008	834,961	----------	98	3,296,036	3,059,090	88,671	123,061	25,214	14,518,872	11,222,836	27
319,043	28,184	24,549	116,265	150,045	----------	----------	293,340	249,348	27,750	16,242	----------	880,294	586,954	28
11,178,147	248,885	1,635,918	8,268,313	978,878	----------	46,153	6,572,648	5,860,702	239,687	469,710	2,549	27,533,743	20,961,095	29
52,853	2,600	2,600	47,653	----------	----------	----------	19,081	17,185	384	1,462	50	99,069	79,988	30
53,654	8,540	3,060	36,095	5,959	----------	----------	65,635	58,824	1,022	5,789	----------	155,676	90,041	31
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	32
1,956,375	164,382	621,307	747,009	401,203	22,474	----------	621,427	577,591	8,389	35,433	14	3,935,930	3,314,503	33
193,782	32,748	16,405	81,827	57,611	----------	5,191	446,645	428,330	7,779	10,536	----------	1,099,073	652,428	34
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	35
(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	36
1,211,335	133,455	116,095	934,862	17,470	9,453	----------	1,845,920	1,493,677	257,709	89,733	4,801	3,868,347	2,022,427	37
183,896	58,615	17,932	106,405	944	----------	----------	185,276	178,290	2,226	4,760	----------	451,277	266,001	38
(5)	(5)	(5)	----------	(5)	----------	----------	(5)	(5)	----------	(5)	(5)	(5)	(5)	39
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	40
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	----------	(5)	----------	(5)	(5)	41
182,989	37,540	14,295	101,246	29,908	----------	----------	1,480,683	1,461,225	8,403	11,055	----------	1,887,506	406,823	42
3,199,075	199,523	393,885	2,449,106	153,163	3,398	----------	2,880,715	2,676,280	40,366	94,135	69,934	7,998,205	5,117,490	43
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	44
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	45
3,179,825	109,131	466,139	2,171,718	360,881	71,956	----------	2,942,841	2,741,526	121,602	72,138	7,575	8,198,485	5,255,644	46
257,607	44,990	22,422	163,033	27,162	----------	----------	680,238	669,262	911	3,453	6,612	1,111,692	431,454	47
17,633	4,410	250	12,973	----------	----------	----------	25,374	24,854	57	463	----------	62,159	36,785	48
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	49
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	50
618,054	71,730	40,657	483,536	22,131	----------	----------	1,372,633	1,352,418	517	5,525	14,173	2,448,185	1,075,552	51
121,365	25,205	7,610	85,035	3,515	----------	----------	279,760	274,303	328	5,129	----------	494,166	214,406	52
(5)	(5)	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	53
843,190	93,263	145,440	564,548	39,939	----------	----------	1,576,315	1,450,133	51,847	22,143	52,192	3,270,214	1,693,899	54

TABLE 9.—GENERAL STATISTICS FOR INDUSTRIAL

		INDUSTRY	*Number of establishments	*Proprietors and firm members	* PERSONS EMPLOYED BY MANUFACTURING ESTABLISHMENTS [1]						
					Total [2]	Salaried officers of corporations [2]	Manufacturing		Distribution	Construction	Other
							Salaried employees [2]	Wage earners (average for year) [3]			
			HARTFORD INDUSTRIAL AREA—Continued								
1		Other industries [5]	289	114	42,549	414	4,480	36,089	1,163	325	78
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]									
2	1	Food and kindred products	21	12	295	16	36	196	35	2	10
3	3	Textile-mill products and other fiber manufactures	13		5,377	22	589	4,740	23	2	1
4	4	Apparel and other finished products made from fabrics and similar materials	16	5	1,305	22	53	1,220	8	1	1
5	6	Furniture and finished lumber products	20	16	304	15	26	220	43		
6	8	Printing, publishing, and allied industries	32	10	630	45	82	466	27	10	
7	9	Chemicals and allied products	15	2	1,700	17	114	1,353	128	82	6
8	12	Leather and leather products	7	6	93	8	9	70	6	...	
9	14	Iron and steel and their products, except machinery	44	5	5,699	91	704	4,584	238	66	16
10	15	Nonferrous metals and their products	25	13	3,465	36	249	3,064	83	20	13
11	16	Electrical machinery	10		3,930	24	353	3,328	214	10	1
12	17	Machinery (except electrical)	28	5	11,447	46	1,082	10,121	100	68	30
13	20	Miscellaneous industries	29	19	2,155	40	219	1,713	144	39	...
	2	Tobacco manufactures	6	7	79	2	2	73	2		
	5	Lumber and timber basic products	8	11	113	6	6	91	10		
	13	Stone, clay, and glass products	4	2	167	2	10	149	5	1	...
14	18	Automobiles and automobile equipment	3	1	81	5	8	66	2		
	19	Transportation equipment except automobiles	4		5,443	15	930	4,407	78	13	
	7	Paper and allied products	2		266	2	8	228	17	11	...
	10	Products of petroleum and coal	2								

* As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.
[2] Figures do not include data for personnel of central-administrative offices.
[3] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.
[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.

AREAS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
HARTFORD INDUSTRIAL AREA—Continued														
Dollars 60, 139, 536	*Dollars* 2, 664, 200	*Dollars* 8, 586, 377	*Dollars* 46, 010, 257	*Dollars* 2, 256, 567	*Dollars* 501, 255	*Dollars* 120, 880	*Dollars* 78, 440, 283	*Dollars* 69, 736, 934	*Dollars* 1, 343, 382	*Dollars* 1, 435, 256	*Dollars* 5, 924, 711	*Dollars* 197, 443, 422	*Dollars* 119, 003, 139	1
407, 655	86, 430	71, 134	180, 083	51, 849	3, 160	14, 999	1, 753, 277	1, 725, 137	15, 564	12, 576	.....	2, 844, 824	1, 091, 547	2
6, 664, 645	104, 412	1, 172, 418	5, 340, 885	38, 036	2, 171	6, 723	8, 683, 276	8, 201, 523	340, 466	99, 176	42, 111	21, 375, 397	12, 692, 121	3
1, 334, 939	97, 050	67, 030	1, 158, 965	10, 628	971	295	2, 473, 611	2, 445, 281	10, 019	14, 630	3, 681	4, 432, 978	1, 959, 367	4
450, 434	71, 813	39, 414	267, 351	71, 856	.....	.....	553, 134	537, 071	5, 087	10, 976	.....	1, 157, 914	604, 780	5
918, 088	243, 761	124, 143	484, 550	55, 634	10, 000	.....	807, 643	613, 459	7, 811	16, 849	169, 524	2, 296, 138	1, 488, 495	6
2, 224, 956	136, 039	278, 226	1, 432, 576	274, 566	98, 228	5, 321	4, 303, 011	4, 027, 700	142, 354	132, 957	.....	9, 239, 952	4, 936, 941	7
123, 604	23, 710	22, 257	69, 749	7, 888	.....	.....	263, 142	255, 110	3, 388	4, 644	.....	475, 665	212, 523	8
8, 954, 975	623, 602	1, 341, 034	6, 372, 106	476, 693	116, 707	24, 833	10, 594, 609	9, 766, 104	354, 172	335, 607	138, 726	26, 072, 690	15, 478, 081	9
4, 446, 233	212, 125	541, 088	3, 429, 355	211, 382	33, 688	18, 595	5, 204, 428	4, 937, 840	120, 729	139, 191	6, 668	11, 777, 931	6, 573, 503	10
5, 211, 425	254, 843	638, 238	3, 923, 012	376, 158	17, 212	1, 962	6, 787, 953	6, 558, 342	73, 199	147, 161	9, 251	17, 293, 992	10, 506, 039	11
15, 536, 555	340, 724	1, 840, 488	12, 980, 377	193, 813	133, 001	48, 152	7, 549, 124	7, 052, 637	147, 169	230, 463	118, 855	32, 163, 278	24, 614, 154	12
2, 991, 088	235, 549	400, 569	2, 029, 082	269, 648	56, 240	.....	4, 908, 820	4, 680, 368	42, 320	71, 388	114, 744	11, 497, 131	6, 588, 311	13
10, 874, 939	234, 142	2, 050, 338	8, 342, 166	218, 416	29, 877	.....	24, 558, 255	18, 936, 362	81, 104	219, 638	5, 321, 151	56, 815, 532	32, 257, 277	14

[6] For numbers of establishments and of wage earners in individual industries, see table 12.

[a], [b], and [c] To avoid disclosing exact or approximate data for individual establishments, the data for certain establishments located outside the areas have been included in the figures for the industries to which these footnotes are indexed. Data for these establishments are not, however, included in the totals for the areas.

[a] 1 establishment. [b] 2 establishments. [c] 3 establishments.

TABLE 10. GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939

[This table presents for each city in the State having 100,000 or more inhabitants, separate figures for each industry for which it is possible to publish such figures without disclosing the operations of individual establishments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Comparable figures for 1937 are given in the table for Bridgeport. Cities which have, however, reported larger numbers of wage earners or larger values of products than some of the cities shown in this table. Nonmanufacturing establishments, except salaried officers of corporations, are included in this table]

Group No.	Industry	* Number of establishments	* Proprietors and firm members	* Salaried officers of corporations [1]	* Salaried employees [1]	* Wage earners (average for year)	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
	BRIDGEPORT											
	All industries, total	365	168	408	4,300	29,419	$2,751,727	$8,258,000	$34,331,569	$74,506,650	$160,348,923	$85,842,273
8	Books: printing without publishing	3	2	5	38	283	(4)	(4)	(4)	(4)	(4)	(4)
1	Bread and other bakery products except biscuits, crackers, and pretzels	50	45	14	67	821	82,392	124,758	969,248	2,155,348	4,510,823	2,355,475
4	Coats, suits, and skirts, except fur seal, made in contract factories	6	7	7	8	256	25,394	16,464	239,604	8,535	320,421	311,886
13	Concrete products	5	4	2	3	15	6,840	3,048	19,675	89,231	157,089	67,858
4	Corsets and allied garments	7	1	7	142	1,426	127,387	298,288	1,236,166	3,105,629	6,937,184	3,831,555
3	Cotton narrow fabrics	5		7	23	274	(4)	(4)	(4)	(4)	(4)	(4)
14	Cutlery, except aluminum, silver, and plated cutlery, and edge tools	6	4	6	127	1,250	67,579	226,463	1,330,811	1,313,622	3,416,541	2,102,919
15	Electroplating, plating, and polishing	4	3	2	6	36	(4)	(4)	(4)	(4)	(4)	(4)
20	Fabricated plastic products, not elsewhere classified	3		4	34	139	(4)	(4)	(4)	(4)	(4)	(4)
8	General commercial job printing	16	10	15	18	66	54,650	29,249	87,950	141,809	420,099	278,290
14	Gray iron and semisteel castings	3		8	10	191	56,705	20,951	203,010	142,518	544,977	402,459
14	Hardware not elsewhere classified	5		11	97	714	(4)	(4)	(4)	(4)	(4)	(4)
1	Ice cream and ices	5	1	2	13	58	13,380	20,599	84,515	554,252	1,113,715	559,463
1	Ice, manufactured	3		2	2	17	10,400	5,050	21,180	34,407	274,664	240,257
15	Lighting fixtures	3	3	4		39	23,419		33,516	66,938	151,701	84,763
1	Liquors, rectified or blended	4	2		1	16		2,100	14,612	53,516	115,096	61,580
17	Machine-shop products, not elsewhere classified	4		9	18	47	15,877	35,461	71,859	56,943	235,035	178,092
17	Machinists' and other metal-working-machinery accessories, metal-cutting and hand tools, and machinists' precision tools	14	5	17	21	280	64,550	49,210	424,064	149,214	874,890	725,676
17	Machine tools	5		12	32	194	51,841	51,478	246,830	260,573	748,880	488,307
6	Mattresses and bedsprings	3		4	10	93	(4)	(4)	(4)	(4)	(4)	(4)
4	Men's and boys' shirts (except work shirts), collars, and nightwear made in establishments by jobbers or by jobbers on piecing contractors	3	2	2	46	760	15,000	34,203	603,964	1,511,378	2,371,500	800,122
17	Metal-working machinery and equipment, not elsewhere classified	3		6	10	100	(4)	(4)	(4)	(4)	(4)	(4)
20	Models and patterns (except paper patterns)	5	3	8	1	76	49,237	1,142	145,591	34,703	281,283	246,580
18	Motor vehicles, motor-vehicle bodies, parts and accessories	4	1	10	65	596	(4)	(4)	(4)	(4)	(4)	(4)
8	Newspapers: publishing and printing	6	1	10	145	219	64,818	282,176	434,150	373,987	1,801,649	1,447,662
1	Nonalcoholic beverages	10	11	6	5	22	18,140	5,637	14,028	155,605	377,999	222,394
15	Nonferrous metal foundries (except aluminum)	4	2	6	4	69	11,880	1,092	75,671	130,661	280,406	149,745
7	Paperboard containers and boxes not elsewhere classified	5	2	7	57	309	42,800	103,208	373,469	618,580	1,422,146	803,566
8	Photoengraving, not done in printing establishments, including prepared mounts	3	1	3	5	18	13,686	15,713	39,402	10,559	128,785	118,226
	Plants, mills, not operated in conjunction with other establishments	4			10	74		25,524	113,982	116,948	290,504	173,556
11	Rubber products not elsewhere classified	3		8	45	554	48,946	101,291	597,729	983,331	2,293,938	1,310,607
1	Sausages, prepared meats, and other meat products not made in meat packing establishments	3			2	9	4,290	4,010	10,970	78,932	101,495	22,563
7	Sheet metal work, not specifically classified	4			4	11	9,056	6,842	15,354	20,281	65,858	45,577
20	Signs, advertising displays, and advertising novelties	5	3	1	6	21	(4)	(4)	(4)	(4)	(4)	(4)
17	Silverware and plated ware	5	3	9	24	230	34,683	33,936	222,430	214,901	666,656	451,755
14	Stamped and pressed metal products (except automobile stampings)	5		17	42	514	88,690	53,153	476,390	847,373	1,811,711	964,338
14	Tools (except edge tools, machine tools, files, and saws)	5	2	9	41	272	(4)	(4)	(4)	(4)	(4)	(4)
14	Wirework not elsewhere classified	5	4		28	190	(4)	(4)	(4)	(4)	(4)	(4)
4	Women's and misses' dresses (except house dresses) made in contract factories	8	2	12	20	523	47,400	33,398	505,697	41,972	703,653	661,681
4	Women's, children's, and infants' underwear and nightwear of cotton and mixed textile fabrics	3		7	3	570	(4)	(4)	(4)	(4)	(4)	(4)
4	Women's, children's, and infants' underwear and nightwear of silk and rayon fabrics		2	3	10	522	(4)	(4)	(4)	(4)	(4)	(4)
12	Women's pocketbooks, handbags, and purses		1	8	23	491	54,315	44,699	308,758	813,633	1,360,418	546,785

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
	BRIDGEPORT—Continued											
	Other industries [5]	163	58	202	3,438	20,867	$1,628,395	$6,628,967	$25,450,964	$60,441,271	$126,569,807	$66,128,536
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	4	2	2	1	26	6,760	1,544	79,303	99,065	308,121	209,056
3	Textile-mill products and other fiber manufactures	9		10	48	436	84,750	63,020	422,924	1,059,227	2,157,188	1,097,961
4	Apparel and other finished products made from fabrics and similar materials	22	11	21	78	1,849	140,037	127,879	1,247,220	3,138,999	6,646,288	3,507,289
6	Furniture and finished lumber products	9	4	10	16	248	73,760	24,014	275,614	927,608	1,618,008	690,400
8	Printing, publishing, and allied industries	13	9	9	46	331	51,445	110,146	490,032	293,247	1,152,767	859,520
14	Iron and steel and their products, except machinery	28	6	47	718	3,561	307,416	1,264,042	4,505,717	8,829,413	19,791,771	10,962,358
16	Electrical machinery	12	2	22	1,216	5,791	246,776	2,481,313	7,301,427	21,004,298	42,354,405	21,350,107
17	Machinery (except electrical)	14	3	23	490	2,316	166,619	933,062	3,120,224	2,514,331	7,860,433	5,346,102
20	Miscellaneous industries	21	10	16	188	1,517	115,303	363,003	1,586,600	3,154,587	6,495,750	3,341,163
9	Chemicals and allied products	10	1	9	237	1,347						
13	Stone, clay, and glass products	3	3	5	4	33						
15	Nonferrous metals and their products	10	5	14	321	2,650						
18	Automobiles and automobile equipment	4	1	10	65	597	435,529	1,260,944	6,421,903	19,420,496	38,185,076	18,764,580
2	Tobacco manufactures	2										
7	Paper and allied products	1	1	4	10	165						
12	Leather and leather products	1										
	HARTFORD											
	All industries, total	332	161	398	2,697	21,180	$2,174,094	$4,953,613	$27,901,669	$32,791,346	$97,954,718	$65,163,252
8	Books: printing without publishing	3	1	4	13	40	(4)	(4)	(4)	(4)	(4)	(4)
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	44	42	22	39	643	47,639	66,771	886,930	1,676,547	3,484,138	1,807,591
13	Brick and hollow structural tile	3	3	4	3	47	(4)	(4)	(4)	(4)	(4)	(4)
20	Brushes	3	2		93	419		(4)	(4)	(4)	(4)	(4)
4	Canvas products (except bags)	3		4	2	19	9,040	2,908	28,718	52,795	133,247	80,452
2	Cigars	4	4	2	2	67	5,200	4,180	59,560	96,264	191,386	95,122
9	Cleaning and polishing preparations, blackings, and dressings	3	1	3	1	4	(4)	(4)	(4)	(4)	(4)	(4)
8	Engraving (steel, copperplate, and wood); plate printing	4	2	3	1	8	7,642	954	11,623	14,562	50,865	36,303
8	General commercial (job) printing	41	20	32	90	658	113,469	166,654	1,056,646	1,431,342	3,413,068	1,981,726
16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	4		9	81	356	43,400	145,808	393,929	899,459	2,014,867	1,115,408
20	Hand stamps, stencils, and brands	3	1	5	3	10	(4)	(4)	(4)	(4)	(4)	(4)
6	Household furniture, except upholstered	4	2	5	10	53	15,520	13,729	72,377	93,419	226,167	132,748
1	Ice cream and ices	4	2		12	45		(4)	(4)	(4)	(4)	(4)
1	Ice, manufactured	4			1	13		(4)	(4)	(4)	(4)	(4)
1	Liquors, rectified or blended	3		10	20	80	(4)	(4)	(4)	(4)	(4)	(4)
17	Machine-shop products, not elsewhere classified	6	1	7	19	96	35,862	46,844	123,343	184,498	529,266	344,768
17	Machine-shop repairs	3	1	3	3	15	(4)	(4)	(4)	(4)	(4)	(4)
17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	13	5	25	44	522	198,805	93,242	791,543	476,205	2,692,802	2,216,597
17	Machine tools	3	1	9	50	346	(4)	(4)	(4)	(4)	(4)	(4)
6	Mattresses and bedsprings	7	7	3	5	37	(4)	(4)	(4)	(4)	(4)	(4)
1	Nonalcoholic beverages	8	7	8	2	28	17,035	2,749	26,786	115,935	283,780	167,845
7	Paperboard containers and boxes not elsewhere classified	3		5	3	40	19,545	4,137	35,918	55,236	138,216	82,980
8	Photoengraving, not done in printing establishments (including preparation of plates)	6	2	13	8	43	(4)	(4)	(4)	(4)	(4)	(4)
5	Planing mills not operated in conjunction with sawmills	4	4	5	5	70	(4)	(4)	(4)	(4)	(4)	(4)
12	Saddlery, harness, and whips	3	2	2	5	15	(4)	(4)	(4)	(4)	(4)	(4)
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	5		7	5	47	37,540	9,608	57,372	856,472	1,094,508	238,036
14	Screw-machine products and wood screws	3		12	97	652	(4)	(4)	(4)	(4)	(4)	(4)
14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	4		7	11	100	(4)	(4)	(4)	(4)	(4)	(4)
6	Upholstered household furniture	4	2	9	10	103	19,120	11,311	96,298	368,608	614,646	246,038
14	Wirework not elsewhere classified	3	1	5	6	56	(4)	(4)	(4)	(4)	(4)	(4)

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Code	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
	HARTFORD—Continued											
	Other industries [4]	189	76	290	2,389	18,537	$1,604,277	$4,384,718	$24,260,626	$26,470,004	$83,087,642	$56,617,638
	OTHER INDUSTRIES, BY INDUSTRY GROUPS											
	Food and kindred products	21	7	14	48	223	80,600	102,344	271,044	1,807,832	3,362,436	1,554,604
4	Apparel and other finished product made from fabrics and similar materials	15	5	16	28	736	104,372	43,117	527,397	1,172,570	2,299,549	1,126,979
6	Furniture and finished lumber products	18	13	15	23	239	88,552	38,862	286,771	639,472	1,304,308	664,836
8	Printing, publishing, and allied industries	25	8	40	290	561	230,239	600,984	872,004	849,289	4,371,706	3,522,417
9	Chemicals and allied products	6	1	9	6	17	20,820	8,821	16,278	129,832	268,147	138,315
12	Leather and leather products	5	4	6	5	23	14,960	9,513	21,917	132,765	221,778	89,013
13	Stone, clay, and glass products	7	5	9	9	180	57,933	14,253	182,173	322,274	983,646	661,372
14	Iron and steel and their products, except machinery	29	3	56	459	2,813	314,643	820,090	4,208,713	4,768,272	15,770,817	11,002,545
15	Nonferrous metals and their products	9	6	14	17	269	63,957	25,327	249,227	439,076	937,915	498,839
17	Machinery, except electrical	18	2	37	1,087	10,234	319,019	1,866,905	13,411,972	7,674,963	32,627,015	24,952,052
20	Miscellaneous industries	21	17	21	166	1,087	81,991	331,533	1,444,473	4,014,662	9,142,511	5,127,849
7	Lumber and timber basic products	4	4	5	5	70						
10	Electrical machinery	5		15	234	1,849						
3	Textile-mill products and other fiber manufactures	2					232,191	522,969	2,768,657	4,548,997	11,797,814	7,278,817
7	Paper and allied products	1	1	3	12	236						
10	Products of petroleum and coal											
18	Automobiles and automobile equipment	1										
		2										
	NEW HAVEN											
	All industries, total	404	191	413	2,613	20,523	$2,846,799	$4,642,306	$21,838,685	$42,737,917	$100,838,135	$58,100,218
8	Bookbinding and related industries	3	1	2	2	20	4,206	3,560	22,527	10,320	63,926	53,606
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	67	54	8	43	464	25,396	80,032	576,375	1,269,584	2,717,908	1,448,324
1	Candy and other confectionery products	3	1	5	2	117	(4)	(4)	(4)	(4)	(4)	(4)
2	Cigars	8	8	5	10	268	20,940	19,742	248,791	288,199	708,403	420,204
13	Concrete products	3		3	7	50	(4)	(4)	(4)	(4)	(4)	(4)
4	Corsets and allied garments	6	2	19	258	913	439,793	376,504	817,751	1,571,122	5,332,744	3,761,622
14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	3		4	35	273	(4)	(4)	(4)	(4)	(4)	(4)
3	Dyeing and finishing cotton, rayon, silk, and linen textiles	3		6	32	179	(4)	(4)	(4)	(4)	(4)	(4)
8	Electrotyping and stereotyping, not done in printing establishments	4		5	7	38	15,875	12,032	67,878	27,764	181,705	153,941
20	Games and toys (except dolls and children's vehicles)	3		6	59	526	(4)	(4)	(4)	(4)	(4)	(4)
8	General commercial (job) printing	31	9	37	54	348	117,214	72,118	388,967	427,459	1,327,403	899,944
14	Hardware not elsewhere classified	5	3	12	172	1,366	(4)	(4)	(4)	(4)	(4)	(4)
6	Household furniture, except upholstered	3	1	4	2	35	(4)	(4)	(4)	(4)	(4)	(4)
1	Ice cream and ices	3		3	14	47	(4)	(4)	(4)	(4)	(4)	(4)
1	Ice, manufactured	3		3	5	26	16,400	12,132	36,578	36,979	224,656	187,677
5	Logging camps and logging contractors (not operating sawmills)	5	4	2	3	41	7,480	5,492	47,538	550,281	704,977	154,696
17	Machine-shop repairs	4	1	7	3	20	14,716	3,407	34,002	27,321	95,648	68,327
17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	3		7	73	314	(4)	(4)	(4)	(4)	(4)	(4)
6	Mattresses and bedsprings	5	2	3	4	26	13,612	4,674	24,315	87,154	169,103	81,949
4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	4	4		22	666	(4)	(4)	(4)	(4)	(4)	(4)
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	4	4	2	2	225	6,790	1,508	162,742	10,801	216,582	205,781
4	Men's neckwear made in inside factories or by jobbers engaging contractors	3	2	5	10	585	(4)	(4)	(4)	(4)	(4)	(4)
20	Models and patterns (except paper patterns)	3	3		2	12		2,070	20,314	6,922	47,751	40,829
13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	4	3	4	2	22	(4)	(4)	(4)	(4)	(4)	(4)
8	Newspapers: publishing and printing	4	4	2	82	166	(4)	(4)	(4)	(4)	(4)	(4)

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
		NEW HAVEN—Continued										
1	Nonalcoholic beverages	12	11	4	3	25	$9,420	$3,592	$23,580	$182,823	$448,923	$266,100
15	Nonferrous-metal foundries (except aluminum)	3	-------	4	5	63	(4)	(4)	(4)	(4)	(4)	(4)
7	Paperboard containers and boxes not elsewhere classified	9	4	15	50	753	141,913	118,818	917,657	2,277,863	5,031,703	2,753,840
8	Periodicals: publishing without printing	8	3	6	71	11	(4)	(4)	(4)	(4)	(4)	(4)
8	Photoengraving, not done in printing establishments (including preparation of plates)	3	-------	4	3	25	23,278	11,783	71,409	26,755	180,838	154,083
14	Power boilers and associated products	4	1	6	19	77	(4)	(4)	(4)	(4)	(4)	(4)
11	Rubber products not elsewhere classified	6	1	12	153	1,071	(4)	(4)	(4)	(4)	(4)	(4)
20	Signs, advertising displays, and advertising novelties	4	1	3	5	35	(4)	(4)	(4)	(4)	(4)	(4)
6	Upholstered household furniture	5	-------	10	7	143	26,013	10,739	132,533	412,051	649,655	237,604
14	Wirework not elsewhere classified	4	-------	6	32	173	(4)	(4)	(4)	(4)	(4)	(4)
4	Women's and misses' dresses (except house dresses)—made in contract factories	18	22	7	51	1,498	24,706	91,034	1,218,359	55,667	1,705,185	1,649,518
4	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics	4	4	------	5	104	-------	2,937	58,670	54,330	141,788	87,458
	Other industries [5]	210	62	280	2,101	15,576	1,939,047	3,810,132	16,968,699	35,414,522	80,889,237	45,474,715
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	18	5	15	65	491	82,153	122,638	649,383	4,674,122	6,921,034	2,246,912
4	Apparel and other finished products made from fabrics and similar materials	27	18	23	90	2,564	98,265	172,724	1,858,900	4,098,199	7,453,518	3,355,319
6	Furniture and finished lumber products	13	8	12	13	129	58,160	20,176	134,529	803,621	1,435,538	631,917
8	Printing, publishing, and allied industries	23	7	29	197	436	157,626	360,583	606,234	1,123,684	3,889,191	2,765,507
9	Chemicals and allied products	10	1	8	130	1,032	49,089	223,580	1,095,960	3,032,905	7,229,079	4,196,174
13	Stone, clay, and glass products	11	3	12	19	112	48,595	29,992	141,607	299,259	731,582	432,323
14	Iron and steel and their products, except machinery	37	8	65	609	4,375	465,696	1,124,338	5,415,719	5,711,254	18,973,266	13,262,012
15	Nonferrous metals and their products	12	3	22	192	1,569	141,907	266,402	1,710,658	2,313,653	5,830,096	3,516,443
16	Electrical machinery	8	1	16	171	1,086	133,117	296,925	1,091,256	2,663,338	5,706,922	3,043,584
17	Machinery (except electrical)	14	1	27	186	794	295,565	404,140	1,019,120	1,396,583	4,001,829	2,605,246
20	Miscellaneous industries	14	4	13	84	775	90,203	115,299	682,457	1,500,883	3,592,148	2,091,265
3	Textile-mill products and other fiber manufactures	3	---	6	32	179						
7	Paper and allied products	4	-------	7	46	466						
11	Rubber products	6	1	12	153	1,071						
18	Automobiles and automobile equipment	3	1	6	49	186						
19	Transportation equipment except automobiles	3	------	3	8	70	318,671	673,335	2,562,876	7,797,021	15,125,034	7,328,013
2	Tobacco manufactures	1										
5	Lumber and timber basic products	1	1	4	57	241						
10	Products of petroleum and coal	1										
12	Leather and leather products	1										

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] Figures do not include data for personnel of central-administrative offices.

[2] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

[4] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.

[5] For numbers of establishments and of wage earners in individual industries, see table 12.

TABLE 11.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939

COUNTY	Total	INDUSTRY GROUP 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
The State	2,936	651	27	217	236	52	112	84	341	88	6	21	38	90	328	153	77	213	12	27	163
Fairfield	843	154	4	76	96	13	21	14	83	29	3	8	17	21	90	49	22	80	4	10	49
Hartford	671	156	6	16	26	8	43	25	103	18	2	-----	7	18	95	25	17	63	3	4	36
Litchfield	115	27	1	8	2	3	8	2	11	2	------	----	------	7	14	5	9	7	------	1	8
Middlesex	99	20	----	14	5	2	1	2	8	5	------	3	1	3	15	4	2	4	------	2	8
New Haven	885	229	15	15	79	10	33	22	110	29	1	10	3	33	107	64	23	42	5	6	49
New London	181	41	1	34	21	7	4	12	13	5	------	----	7	6	4	6	1	9	------	4	6
Tolland	55	10	------	25	1	1	1	4	4	------	------	----	1	----	----	----	----	2	------	----	6
Windham	87	14	------	29	6	8	1	3	9	------	------	----	2	2	3	----	3	6	------	----	1

TABLE 12. INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE BRIDGEPORT-NEW HAVEN-WATERBURY AND HARTFORD INDUSTRIAL AREAS, AND FOR BRIDGEPORT, HARTFORD, AND NEW HAVEN: 1939

Group No.	Title	Number of establishments	Wage earners
	STATE OF CONNECTICUT		
1	Biscuit, crackers, and pretzels	1	-
	Candy and other confectionery products	11	454
	Canned and dried fruits and vegetables (including canned soups)	3	97
	Cheese	2	
	Condensed and evaporated milk	2	
	Cured fish	1	
	Custom slaughtering, wholesale	1	
	Flour and other grain-mill products	2	
	Meat packing, wholesale	5	264
	Pickled fruits and vegetables and vegetable sauces and seasonings	2	-
	Poultry dressing and packing, wholesale	2	
	Prepared feeds (including minerals for animals and fowls)	6	91
	Salad dressings	1	
2	Tobacco (chewing and smoking) and snuff	1	
3	Artificial leather and oilcloth	3	273
	Batting, padding, and wadding; upholstery filling	2	
	Carpets and rugs, wool	1	
	Carpet yarn, woolen and worsted	1	
	Cotton yarn	2	
	Dyeing and finishing woolen and worsted	2	-
	Felt goods, wool, hair and jute (except woven felts and hat bodies and hats)	2	- -
	Finishing of men's and boys' hats of fur-felt, wool felt, and straw	5	217
	Hat bodies and hats, wool-felt	1	-
	Hosiery—seamless	2	- -
	Jute goods (except felt)	1	
	Knitted cloth	4	43
	Knitted outerwear (except knit gloves)—contract factories	3	96
	Knitted underwear	2	
	Lace goods	3	203
	Processed waste and recovered wool fibers—contract factories	1	
	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	3	80
	Rayon broad woven goods—contract factories	1	- -
	Silk broad woven goods—regular factories or jobbers engaging contractors	3	1,491
	Silk narrow fabrics	2	- -
	Woolen and worsted manufactures—contract factories	2	-
4	Belts (apparel), regardless of material	2	- -
	Children's coats—made in contract factories	1	- - -
	Children's dresses—made in contract factories	2	- -
	Children's dresses—made in inside factories or by jobbers engaging contractors	1	-
	Clothing, leather and sheep-lined	1	
	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	6	559
	Curtains, draperies, and bedspreads—contract factories	1	
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	2	-
	Dress and semidress gloves and mittens, cloth, cloth and leather combined	1	-
	Embroideries, other than Schiffli-machine products—contract factories	1	
	Fur coats and other fur garments, accessories, and trimmings	1	
	Handkerchiefs—made in inside factories or by jobbers engaging contractors	1	
	Hat and cap materials; trimmings, etc.	1	
	Men's and boys' hats and caps (except felt and straw)	2	
	Men's neckwear—made in contract factories	2	
	Miscellaneous fabricated textile products not elsewhere classified	5	171
	Textile bags—not made in textile mills	1	
	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	2	
	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	1	
	Women's, children's, and infants' underwear and nightwear of knitted fabrics	2	
6	Cigar boxes: wooden, part wooden	1	-
	Cooperage	1	
	Partitions, shelving, cabinet work, and office and store fixtures	5	
	Public-building furniture	1	
	Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets	1	- -
	Wood preserving	1	
7	Coated and glazed paper	2	- -
	Envelopes	2	- -
	Fiber cans, tubes, and similar products	2	-
	Wallpaper	1	- -
8	Books: publishing and printing	2	- - - -
	Books: publishing without printing	2	- - - -
	STATE OF CONNECTICUT—Continued		
8	Greeting cards (except hand-painted)	1	-
	Periodicals: publishing and printing	5	639
9	Ammunition	2	
	Chemicals not elsewhere classified	4	569
	Coal-tar products, crude and intermediate	3	12
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	2	
	Drugs and medicines (including drug grinding)	8	495
	Essential oils	1	-
	Explosives	1	
	Fireworks	3	72
	Glue and gelatin	1	
	Grease and tallow (except lubricating greases)	2	
	Mucilage, paste, and other adhesives, except glue and rubber cement	1	
	Plastic materials	3	69
	Rayon and allied products	1	-
	Soap and glycerin	2	-
	Vegetable and animal oils, not elsewhere classified	2	- -
10	Oven coke and coke-oven by-products	1	-
	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	1	
11	Rubber boots and shoes (including rubber-soled footwear with fabric uppers)	2	-
	Tires and inner tubes	2	-
12	Boot and shoe cut stock and findings	2	- -
	Leather goods not elsewhere classified	3	- -
	Saddlery, harness, and whips	3	15
	Small leather goods	3	133
13	Asbestos products (except steam packing and pipe and boiler covering)	3	790
	Clay refractories, including refractory cement (clay)	2	- -
	Gypsum products	1	- -
	Minerals and earths, ground or otherwise treated	2	- -
	Nonclay refractories	1	- -
	Porcelain electrical supplies	1	- -
	Pottery products not elsewhere classified	1	-
	Steam and other packing; pipe and boiler covering	1	
14	Automobile stampings	1	-
	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	5	196
	Doors, window sash, frames, molding, and trim (made of metal)	1	- -
	Enameling, japanning, and lacquering	1	- -
	Files	1	- -
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	1	-
	Heating and cooking apparatus, except electric, not elsewhere classified	2	- -
	Saws	3	127
	Steam and hot-water heating apparatus (including hot-water furnaces)	2	- -
	Steel barrels, kegs, and drums	1	- -
	Steel castings	2	- - -
	Steel works and rolling mills	1	- - -
	Tin cans and other tinware not elsewhere classified	1	- - -
15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	9	726
	Collapsible tubes	1	-
	Engraving on metal (except for printing purposes)	1	- -
	Gold and silver leaf and foil	1	-
	Jewelry (precious metals)	2	
	Secondary smelting and refining, gold, silver, and platinum	2	-
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	2	-
	Silverware and plated ware	21	4,727
	Watchcases	2	- - -
16	Automotive electrical equipment	1	- - -
	Batteries, storage and primary (dry and wet)	5	688
	Electrical measuring instruments	2	- -
	Insulated wire and cable	8	4,736
	Radios, radio tubes, and phonographs	6	698
	X-ray and therapeutic apparatus and electronic tubes	2	- -
17	Agricultural machinery (except tractors)	1	-
	Blowers; exhaust and ventilating fans	1	- - - -
	Cars and trucks, industrial	2	- - -
	Elevators, escalators, and conveyors	1	
	Internal-combustion engines	4	268
	Measuring and dispensing pumps	1	-
	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	4	614
	Paper-mill, pulp-mill, and paper-products machinery	2	
	Pumping equipment and air compressors	3	219
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	2	- - -

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE BRIDGEPORT-NEW HAVEN-WATERBURY AND HARTFORD INDUSTRIAL AREAS, AND FOR BRIDGEPORT, HARTFORD, AND NEW HAVEN: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	STATE OF CONNECTICUT—Continued		
17	Scales and balances	1	
	Woodworking machinery	2	
19	Aircraft and parts, including aircraft engines	8	5,397
	Motorcycles, bicycles, and parts	1	
	Shipbuilding and ship repairing	10	
20	Artists' materials	1	
	Brooms	1	
	Brushes	7	415
	Carbon paper and inked ribbons	2	
	Costume jewelry and costume novelties (jewelry other than fine jewelry)	1	
	Dental equipment and supplies	1	
	Dolls (except rubber)	2	
	Jewelry cases and instrument cases	5	738
	Lamp shades	5	102
	Musical instruments, parts, and materials not elsewhere classified	2	
	Organs	2	
	Pens, mechanical pencils, and pen points	2	
	Photographic apparatus and materials and projection equipment (except lenses)	3	216
	Piano and organ parts and materials	1	
	Professional and scientific instruments (except surgical and dental)	4	416
	Surgical and medical instruments	1	
	BRIDGEPORT-NEW HAVEN-WATERBURY INDUSTRIAL AREA		
1	Biscuit, crackers, and pretzels	1	
	Candy and other confectionery products	8	430
	Canned and dried fruits and vegetables (including canned soups)	1	
	Cheese	1	
	Condensed and evaporated milk	1	
	Cured fish	1	
	Custom slaughtering, wholesale	1	
	Flour and other grain-mill products	1	
	Food preparations, not elsewhere classified	2	
	Liquors, rectified or blended	7	25
	Meat packing, wholesale	2	
	Poultry dressing and packing, wholesale	2	
	Prepared feeds (including mineral) for animals and fowls	3	21
	Salad dressings	1	
	Vinegar and cider	2	
2	Tobacco (chewing and smoking) and snuff	1	
3	Artificial leather and oilcloth	1	
	Batting, padding, and wadding; upholstery filling	1	
	Cordage and twine	1	
	Cotton broad woven goods	1	
	Cotton narrow fabrics	10	
	Felt goods, wool, hair, and jute (except woven felts and hat bodies and hats)	2	
	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	5	217
	Hat bodies and hats, wool-felt	1	
	Hosiery—seamless	1	
	Knitted cloth	3	
	Knitted outerwear (except knit gloves)—contract factories	3	96
	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	1	
	Lace goods	1	
	Rayon broad woven goods—regular factories or jobbers engaging contractors	2	
	Silk narrow fabrics	2	
	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	2	
4	Belts (apparel), regardless of material	1	
	Children's dresses—made in contract factories	1	
	Children's dresses—made in inside factories or by jobbers engaging contractors	1	
	Clothing, leather and sheep-lined	1	
	Coats, suits, and skirts (except fur coats)—made in contract factories	11	
	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	3	113
	Dress and semidress gloves and mittens: cloth, cloth and leather combined	1	
	Embroideries, other than Schiffli-machine products—contract factories	1	
	Fur coats and other fur garments, accessories, and trimmings	1	
	Handkerchiefs—made in inside factories or by jobbers engaging contractors	1	
	Hat and cap materials; trimmings, etc.	1	
	House dresses, uniforms, and aprons—made in contract factories	4	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	5	
	BRIDGEPORT-NEW HAVEN-WATERBURY INDUSTRIAL AREA—Continued		
4	Housefurnishings (except curtains, draperies, and bedspreads)	8	
	Men's and boys' hats and caps (except felt and straw)	1	
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	12	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	6	
	Men's neckwear—made in contract factories	1	
	Men's neckwear—made in inside factories or by jobbers engaging contractors	3	585
	Millinery	4	265
	Miscellaneous fabricated textile products not elsewhere classified	3	
	Robes, lounging garments, and dressing gowns	3	387
	Suspenders, garters, and other goods made from purchased elastic material	4	294
	Textile bags—not made in textile mills	1	
	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	2	
	Trousers (semidress), wash suits, and washable service apparel	1	
	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	1	
	Women's, children's, and infants' underwear and nightwear of knitted fabrics	2	
6	Cooperage	1	
	Mirror frames and picture frames	2	
	Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets	1	
	Venetian blinds	1	
	Wooden boxes except cigar boxes	3	
	Wood preserving	1	
	Wood products not elsewhere classified	1	
7	Coated and glazed paper	1	
	Wallpaper	1	
8	Bookbinding and related industries	5	
	Books: publishing and printing	1	
	Books: publishing without printing	1	
	Electrotyping and stereotyping, not done in printing establishments	6	
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	6	111
	Newspapers: publishing without printing	2	
	Periodicals: publishing and printing	2	
	Periodicals: publishing without printing	17	14
9	Ammunition	2	
	Chemicals not elsewhere classified	4	569
	Cleaning and polishing preparations, blackings, and dressings	7	10
	Coal-tar products, crude and intermediate	3	12
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	1	
	Drugs and medicines (including drug grinding)	5	480
	Fertilizers	3	52
	Fireworks	3	72
	Glue and gelatin	1	
	Grease and tallow (except lubricating greases)	2	
	Paints, varnishes, and lacquers	10	172
	Perfumes, cosmetics, and other toilet preparations	4	
	Plastic materials	2	
	Vegetable and animal oils, not elsewhere classified	1	
10	Oven coke and coke-oven byproducts	1	
	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	2	
	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	1	
11	Rubber boots and shoes (including rubber-soled footwear with fabric uppers)	1	
	Rubber products not elsewhere classified	15	
	Tires and inner tubes	2	
12	Boot and shoe cut stock and findings	1	
	Footwear (except rubber)	1	
	Industrial leather belting and packing leather	2	
	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	1	
13	Abrasive wheels, stone, paper, cloth, and related products	5	
	Asbestos products (except steam packing and pipe and boiler covering)	2	
	Brick and hollow structural tile	4	
	Clay refractories, including refractory cement (clay)	2	
	Gypsum products	1	
	Minerals and earths, ground or otherwise treated	1	

See footnote at end of table.

TABLE 12. INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE BRIDGEPORT-NEW HAVEN-WATERBURY AND HARTFORD INDUSTRIAL AREAS, AND FOR BRIDGEPORT, HARTFORD, AND NEW HAVEN: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	BRIDGEPORT-NEW HAVEN-WATERBURY INDUSTRIAL AREA—Continued		
13	Mirrors and other glass products made of purchased glass	8	
	Nonclay refractories	1	
	Pottery products not elsewhere classified	1	
14	Automobile stampings	1	
	Bolts, nuts, washers, and rivets made in plants not operated in connection with rolling mills	4	
	Cold-rolled steel sheets and strip and cold finished steel bars made in plants not operated in connection with hot rolling mills	1	
	Doors, window sash, frames, molding, and trim (made of metal)	1	
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semi-vitreous china sanitary ware)	6	431
	Enameling, japanning, and lacquering	1	
	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	10	
	Firearms	5	
	Forgings, iron and steel—made in plants not operated in connection with rolling mills	3	
	Heating and cooking apparatus, except electric, not elsewhere classified	2	
	Malleable-iron castings	3	
	Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills	3	
	Power boilers and associated products	7	
	Saws	2	
	Steam and hot-water heating apparatus (including hot-water furnaces)	1	
	Steam fittings, regardless of material	3	
	Steel barrels, kegs, and drums	1	
	Steel castings	1	
	Steel works and rolling mills	1	
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	2	
	Tin cans and other tinware not elsewhere classified	1	
15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	5	713
	Jewelry (precious metals)	2	
	Secondary smelting and refining, gold, silver, and platinum	2	
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	2	
	Silverware and plated ware	19	
	Watchcases	2	
16	Automotive electrical equipment	1	
	Batteries, storage and primary (dry and wet)	4	
	Communication equipment	6	
	Electrical appliances	5	1,472
	Electrical measuring instruments	1	
	Electrical products not elsewhere classified	2	
	Insulated wire and cable	7	
	Radios, radio tubes, and phonographs	5	
	X-ray and therapeutic apparatus and electronic tubes	1	
17	Cars and trucks, industrial	1	
	Elevators, escalators, and conveyors	1	
	Food-products machinery	3	
	Internal-combustion engines	2	
	Machine tools	13	
	Measuring and dispensing pumps	1	
	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	3	
	Office and store machines not elsewhere classified	3	
	Printing-trades machinery and equipment	1	
	Pumping equipment and air compressors	3	219
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	1	
	Scales and balances	1	
	Sewing machines, domestic and industrial	2	
	Special-industry machinery, not elsewhere classified	7	
	Textile machinery	2	
	Woodworking machinery	1	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	9	794
19	Aircraft and parts, including aircraft engines	4	990
	Boat building and boat repairing	7	
20	Artists' materials	1	
	Brooms	1	
	Brushes	3	
	Buttons	4	531
	Carbon paper and inked ribbons	2	
	Costume jewelry and costume novelties (jewelry other than fine jewelry)	1	
	BRIDGEPORT-NEW HAVEN-WATERBURY INDUSTRIAL AREA—Continued		
20	Dolls (except rubber)	2	
	Fabricated plastic products, not elsewhere classified	10	1,198
	Hand stamps, stencils, and brands	2	
	Jewelry cases and instrument cases	4	
	Lamp shades	4	
	Musical instruments, parts, and materials not elsewhere classified	1	
	Needles, pins, hooks and eyes, and slide and snap fasteners	6	1,365
	Organs	1	
	Pens, mechanical pencils, and pen points	2	
	Photographic apparatus and materials and projection equipment (except lenses)	3	216
	Professional and scientific instruments (except surgical and dental)	3	
	Sporting and athletic goods not elsewhere classified	2	
	Surgical and medical instruments	1	
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	3	124
	HARTFORD INDUSTRIAL AREA		
1	Candy and other confectionery products	2	
	Canned and dried fruits and vegetables (including canned soups)	1	
	Cheese	1	
	Flour and other grain-mill products	1	
	Food preparations, not elsewhere classified	3	
	Liquors, rectified or blended	3	80
	Macaroni, spaghetti, vermicelli, and noodles	4	8
	Meat packing, wholesale	2	
	Pickled fruits and vegetables and vegetable sauces and seasonings	2	
	Prepared feeds (including mineral) for animals and fowls	1	
	Vinegar and cider	1	
2	Cigars	6	
3	Carpets and rugs, wool	1	
	Cotton thread	1	
	Dyeing and finishing cotton, rayon, silk, and linen textiles	1	
	Jute goods (except felt)	1	
	Knitted cloth	1	
	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	4	
	Knitted underwear	1	
	Processed waste and recovered wool fibers—contract factories	1	
	Silk broad woven goods—regular factories or jobbers engaging contractors	1	
	Silk yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	1	
4	Children's coats—made in contract factories	1	
	Coats, suits, and skirts (except fur coats)—made in contract factories	1	
	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	2	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	1	
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	2	
	Men's neckwear—made in inside factories or by jobbers engaging contractors	2	
	Millinery	1	
	Suspenders, garters, and other goods made from purchased elastic material	1	
	Women's and misses' dresses (except house dresses)—made in contract factories	4	
	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	1	
5	Planing mills not operated in conjunction with sawmills	7	83
	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	1	
6	Caskets, coffins, burial cases, and other morticians' goods	1	
	Cigar boxes: wooden, part wooden	1	
	Mattresses and bedsprings	8	
	Mirror frames and picture frames	2	
	Partitions, shelving, cabinet work, and office and store fixtures	2	
	Venetian blinds	2	
	Window shades	1	
	Wood products not elsewhere classified	3	28
7	Coated and glazed paper	1	
	Envelopes	1	

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE BRIDGEPORT-NEW HAVEN-WATERBURY AND HARTFORD INDUSTRIAL AREAS, AND FOR BRIDGEPORT, HARTFORD, AND NEW HAVEN: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	HARTFORD INDUSTRIAL AREA—Continued		
8	Bookbinding and related industries	2	
	Books: printing without publishing	4	
	Books: publishing without printing	1	
	Electrotyping and stereotyping, not done in printing establishments	2	
	Engraving (steel, copperplate, and wood); plate printing	5	
	Greeting cards (except hand-painted)	1	
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	4	80
	Periodicals: publishing and printing	2	
	Periodicals: publishing without printing	3	
	Photoengraving, not done in printing establishments (including preparation of plates)	8	
9	Cleaning and polishing preparations, blackings, and dressings	6	139
	Explosives	1	
	Fertilizers	2	
	Paints, varnishes, and lacquers	2	
	Plastic materials	1	
	Rayon and allied products	1	
	Soap and glycerin	2	
10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	2	
12	Industrial leather belting and packing leather	1	
	Leather goods not elsewhere classified	1	
	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	1	
	Saddlery, harness, and whips	3	15
	Small leather goods	1	
13	Concrete products	3	41
	Porcelain electrical supplies	1	
14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	1	
	Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills	2	
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semi-vitreous china sanitary ware)	3	184
	Files	1	
	Firearms	1	
	Forgings, iron and steel—made in plants not operated in connection with rolling mills	4	122
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	1	
	Gray-iron and semisteel castings	5	
	Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills	1	
	Oil burners, domestic and industrial	3	
	Power boilers and associated products	1	
	Saws	1	
	Stamped and pressed metal products (except automobile stampings)	2	
	Steam and hot-water heating apparatus (including hot-water furnaces)	1	
	Steam fittings, regardless of material	3	386
	Steel castings	1	
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	5	
	Wirework not elsewhere classified	8	1,132
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	1	
	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	4	13
	Clocks, watches, and materials and parts (except watch-cases)	3	
	Electroplating, plating, and polishing	3	
	Engraving on metal (except for printing purposes)	1	
	Gold and silver leaf and foil	1	
	Lighting fixtures	2	
	Nonferrous-metal foundries (except aluminum)	4	47
	Nonferrous-metal products not elsewhere classified	1	
	Sheet-metal work not specifically classified	4	
	Silverware and plated ware	1	
16	Communication equipment	1	
	Electrical appliances	2	
	Electrical measuring instruments	1	
	Electrical products not elsewhere classified	1	
	Wiring devices and supplies	5	1,716
17	Blowers: exhaust and ventilating fans	1	
	Cars and trucks, industrial	1	
	Food-products machinery	1	
	Industrial machinery, not elsewhere classified	2	
	Internal-combustion engines	1	
	Machine-shop products, not elsewhere classified	8	
	HARTFORD INDUSTRIAL AREA—Continued		
17	Machine-shop repairs	4	
	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	1	
	Metalworking machinery and equipment, not elsewhere classified	1	
	Office and store machines not elsewhere classified	3	8,589
	Printing-trades machinery and equipment	1	
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	1	
	Sewing machines, domestic and industrial	1	
	Special-industry machinery not elsewhere classified	2	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	3	66
19	Aircraft and parts, including aircraft engines	4	4,407
20	Brushes	3	419
	Dental equipment and supplies	1	
	Fabricated plastic products, not elsewhere classified	1	
	Games and toys (except dolls and children's vehicles)	2	
	Hand stamps, stencils, and brands	5	
	Jewelry cases and instrument cases	1	
	Miscellaneous fabricated products not elsewhere classified	2	
	Needles, pins, hooks and eyes, and slide and snap fasteners	3	
	Organs	1	
	Signs, advertising displays, and advertising novelties	4	
	Sporting and athletic goods not elsewhere classified	5	212
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	1	
	CITY OF BRIDGEPORT		
1	Custom slaughtering, wholesale	1	
	Malt liquors	1	
	Poultry dressing and packing, wholesale	2	
2	Cigars	2	
3	Cotton narrow fabrics	5	274
	Knitted cloth	1	
	Rayon narrow fabrics	2	
	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	1	
4	Canvas products (except bags)	1	
	Clothing, leather and sheep-lined	1	
	House dresses, uniforms, and aprons—made in contract factories	2	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	1	
	Housefurnishings (except curtains, draperies, and bedspreads)	1	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	1	
	Miscellaneous fabricated textile products not elsewhere classified	1	
	Suspenders, garters, and other goods made from purchased elastic material	2	
	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	2	
	Women's and misses' blouses and waists—made in contract factories	1	
	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics	3	570
	Women's, children's, and infants' underwear and nightwear of knitted fabrics	2	
	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	3	522
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	1	
6	Household furniture, except upholstered	2	
	Mattresses and bedsprings	3	93
	Partitions, shelving, cabinet work, and office and store fixtures	1	
	Upholstered household furniture	2	
	Wooden boxes except cigar boxes	1	
7	Converted paper products not elsewhere classified	1	
8	Bookbinding and related industries	2	
	Books: printing without publishing	3	283
	Electrotyping and stereotyping, not done in printing establishments	1	
	Engraving (steel, copperplate, and wood); plate printing	2	

See footnote at end of table.

TABLE 12. INDUSTRIES IN "OTHER INDUSTRIES" GROUPS: NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE BRIDGEPORT-NEW HAVEN-WATERBURY AND HARTFORD INDUSTRIAL AREAS, AND FOR BRIDGEPORT, HARTFORD, AND NEW HAVEN: 1939—Continued

Group No.[1]	Title	Number of establishments	Wage earners
	CITY OF BRIDGEPORT—Continued		
8	Lithographing and photolithographing (including preparation of stones or plates and dry transfers)	2	
	Machine and hand typesetting (including advertisement typesetting)	2	
	Periodicals: publishing without printing	1	
9	Ammunition	1	
	Cleaning and polishing preparations, blackings, and dressings	2	-
	Drugs and medicines (including drug grinding)	1	
	Fertilizers	1	
	Insecticides, fungicides, and related industrial and household chemical compounds	2	
	Paints, varnishes, and lacquers	2	
	Vegetable and animal oils, not elsewhere classified	1	
12	Footwear (except rubber)	1	..
13	Abrasive wheels, stones, paper, cloth, and related products	1	-
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	2	-
14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	1	
	Forgings, iron and steel—made in plants not operated in connection with rolling mills	1	-
	Hardware not elsewhere classified	5	714
	Heating and cooking apparatus, except electric, not elsewhere classified	1	
	Oil burners, domestic and industrial	1	..
	Power boilers and associated products	1	
	Screw-machine products and wood screws	1	
	Steam and hot-water heating apparatus (including hot-water furnaces)	1	..
	Steam fittings, regardless of material	3	..
	Steel barrels, kegs, and drums	1	..
	Steel works and rolling mills	1	..
	Tools (except edge tools, machine tools, files, and saws)	5	272
	Wire-drawn from purchased rods	1	..
	Wirework not elsewhere classified	5	190
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	2	..
	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	2	..
	Electroplating, plating, and polishing	4	36
	Nonferrous-metal products, not elsewhere classified	1	..
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	1	
16	Batteries, storage and primary (dry and wet)	1	..
	Electrical appliances	1	
	Electrical products not elsewhere classified	1	
	Insulated wire and cable	1	
	Radios, radio tubes, and phonographs	4	
	Wiring devices and supplies	4	
17	Internal-combustion engines	1	..
	Machine-shop repairs	1	..
	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	2	..
	Mechanical power-transmission equipment	1	..
	Metalworking machinery and equipment, not elsewhere classified	3	100
	Office and store machines not elsewhere classified	1	
	Scales and balances	1	
	Sewing machines, domestic and industrial	1	..
	Special-industry machinery, not elsewhere classified	1	..
	Textile machinery	1	..
	Woodworking machinery	1	..
18	Motor vehicles, motor-vehicle bodies, parts and accessories	4	596
20	Brushes	1	..
	Carbon paper and inked ribbons	2	..
	Dolls (except rubber)	2	..
	Fabricated plastic products, not elsewhere classified	3	439
	Games and toys (except dolls and children's vehicles)	2	
	Hand stamps, stencils, and brands	2	
	Jewelry cases and instrument cases	1	..
	Pens, mechanical pencils, and pen points	1	
	Photographic apparatus and materials and projection equipment (except lenses)	2	
	Professional and scientific instruments (except surgical and dental)	1	
	Signs, advertising displays, and advertising novelties	3	21
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	1	
	CITY OF HARTFORD		
1	Food preparations, not elsewhere classified	3	
	Ice cream and ices	4	45
	Ice, manufactured	4	13
	CITY OF HARTFORD—Continued		
1	Liquors, rectified or blended	3	80
	Macaroni, spaghetti, vermicelli, and noodles	2	..
	Malt liquors	2	
	Meat packing, wholesale	2	
	Pickled fruits and vegetables and vegetable sauces and seasonings	1	
3	Cotton thread	1	..
	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	1	
4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	1	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	1	
	Men's neckwear—made in inside factories or by jobbers engaging contractors	1	
	Millinery	1	
	Suspenders, garters, and other goods made from purchased elastic material	1	
	Women's and misses' dresses (except house dresses)—made in contract factories	4	
	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	6	
5	Planing mills not operated in conjunction with sawmills	4	70
6	Caskets, coffins, burial cases, and other morticians' goods	1	
	Cigar boxes: wooden, part wooden	1	
	Mattresses and bedsprings	7	37
	Mirror frames and picture frames	2	
	Partitions, shelving, cabinet work, and office and store fixtures	1	
	Window and door screens and weather strip	2	
	Window shades	1	
	Wooden boxes except cigar boxes	2	
	Wood products not elsewhere classified	1	
7	Envelopes	1	
8	Bookbinding and related industries	2	
	Books: printing without publishing	3	40
	Books: publishing without printing	1	
	Electrotyping and stereotyping, not done in printing establishments	2	..
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	3	
	Machine and hand typesetting (including advertisement typesetting)	4	
	Newspapers: publishing and printing	2	
	Periodicals: publishing and printing	1	
	Periodicals: publishing without printing	1	
	Photoengraving, not done in printing establishments (including preparation of plates)	6	43
9	Cleaning and polishing preparations, blackings, and dressings	3	4
	Insecticides, fungicides, and related industrial and household chemical compounds	1	..
	Paints, varnishes, and lacquers	1	..
	Soap and glycerin	1	..
10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	1	
12	Industrial leather belting and packing leather	1	
	Saddlery, harness, and whips	3	15
	Small leather goods	1	
13	Brick and hollow structural tile	3	47
	Concrete products	1	
	Monuments, tombstones, cut stone, and stone products not elsewhere classified	2	..
	Porcelain electrical supplies	1	
14	Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills	1	
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	1	
	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	2	
	Files	1	
	Firearms	1	..
	Forgings, iron and steel—made in plants not operated in connection with rolling mills	1	
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	1	
	Gray-iron and semisteel castings	2	
	Hardware not elsewhere classified	1	
	Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills	1	
	Oil burners, domestic and industrial	2	

See footnote at end of table

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE BRIDGEPORT-NEW HAVEN-WATERBURY AND HARTFORD INDUSTRIAL AREAS, AND FOR BRIDGEPORT, HARTFORD, AND NEW HAVEN: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	CITY OF HARTFORD—Continued		
14	Screw-machine products and wood screws	3	652
	Steam and hot-water heating apparatus (including hot-water furnaces)	1	
	Steam fittings, regardless of material	1	
	Steel castings	1	
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	4	100
	Tools (except edge tools, machine tools, files, and saws)	2	
	Wirework not elsewhere classified	3	56
15	Engraving on metal (except for printing purposes)	1	
	Gold and silver leaf and foil	1	
	Nonferrous-metal foundries (except aluminum)	2	
	Nonferrous-metal products not elsewhere classified	1	
	Sheet-metal work not specifically classified	4	
16	Communication equipment	1	
	Electrical appliances	1	
	Wiring devices and supplies	3	
17	Industrial machinery, not elsewhere classified	1	
	Internal-combustion engines	1	
	Machine-shop repairs	3	15
	Machine tools	3	346
	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	1	
	Mechanical power-transmission equipment	1	
	Metalworking machinery and equipment, not elsewhere classified	1	
	Office and store machines not elsewhere classified	2	
	Printing-trades machinery and equipment	1	
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	1	
	Sewing machines, domestic and industrial	1	
	Special-industry machinery, not elsewhere classified	2	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	2	
20	Brushes	3	419
	Dental equipment and supplies	1	
	Fabricated plastic products, not elsewhere classified	1	
	Hand stamps, stencils, and brands	3	10
	Jewelry cases and instrument cases	1	
	Models and patterns (except paper patterns)	5	
	Needles, pins, hooks and eyes, and slide and snap fasteners	1	
	Organs	1	
	Signs, advertising displays, and advertising novelties	4	
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	1	
	CITY OF NEW HAVEN		
1	Biscuit, crackers, and pretzels	1	
	Candy and other confectionery products	3	117
	Canned fish, crustacea, and mollusks	1	
	Condensed and evaporated milk	1	
	Food preparations, not elsewhere classified	1	
	Ice cream and ices	3	47
	Liquors, rectified or blended	2	
	Macaroni, spaghetti, vermicelli, and noodles	3	
	Malt liquors	1	
	Meat packing, wholesale	1	
	Salad dressings	1	
2	Tobacco (chewing and smoking) and snuff	1	
3	Dyeing and finishing cotton, rayon, silk, and linen textiles	3	179
4	Children's dresses—made in contract factories	1	
	Coats, suits, and skirts (except fur coats)—made in contract factories	1	
	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	1	
	Dress and semidress gloves and mittens: cloth, cloth and leather combined	1	
	Embroideries, other than Schiffli-machine products—contract factories	1	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	3	
	Housefurnishings (except curtains, draperies, and bedspreads)	2	
	Men's and boys' hats and caps (except felt and straw)	1	
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in contract factories	2	
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	4	666
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	3	
	Men's neckwear—made in inside factories or by jobbers engaging contractors	3	585
	CITY OF NEW HAVEN—Continued		
4	Textile bags—not made in textile mills	1	
	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	1	
	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	1	
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	1	
5	Planing mills not operated in conjunction with sawmills	1	
6	Caskets, coffins, burial cases, and other morticians' goods	2	
	Cooperage	1	
	Household furniture, except upholstered	3	35
	Mirror frames and picture frames	1	
	Partitions, shelving, cabinet work, and office and store fixtures	1	
	Venetian blinds	1	
	Window shades	2	
	Wood preserving	1	
	Wood products not elsewhere classified	1	
7	Converted paper products not elsewhere classified	1	
	Paper and paperboard mills	3	
8	Books: printing without publishing	2	
	Books: publishing without printing	1	
	Engraving (steel, copperplate, and wood); plate printing	3	
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	1	
	Machine and hand typesetting (including advertisement typesetting)	2	
	Newspapers: publishing and printing	4	166
	Newspapers: publishing without printing	1	
	Periodicals: publishing and printing	1	
	Periodicals: publishing without printing	8	11
9	Ammunition	1	
	Chemicals not elsewhere classified	1	
	Cleaning and polishing preparations, blackings, and dressings	2	
	Coal-tar products, crude and intermediate	1	
	Insecticides, fungicides, and related industrial and household chemical compounds	1	
	Paints, varnishes, and lacquers	2	
	Perfumes, cosmetics, and other toilet preparations	2	
10	Oven coke and coke-oven byproducts	1	
11	Rubber products not elsewhere classified	6	1,071
12	Industrial leather belting and packing leather	1	
13	Clay refractories, including refractory cement (clay)	1	
	Concrete products	3	50
	Gypsum products	1	
	Mirrors and other glass products made of purchased glass	2	
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	4	22
14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	1	
	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	3	273
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	1	
	Enameling, japanning, and lacquering	1	
	Firearms	5	
	Gray-iron and semisteel castings	1	
	Hardware not elsewhere classified	5	1,366
	Malleable-iron castings	2	
	Oil burners, domestic and industrial	1	
	Power boilers and associated products	4	77
	Saws	2	
	Screw-machine products and wood screws	1	
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	1	
	Tools (except edge tools, machine tools, files, and saws)	4	
	Wire drawn from purchased rods	1	
	Wirework not elsewhere classified	4	173
15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	1	
	Clocks, watches, and materials and parts (except watchcases)	1	
	Electroplating, plating, and polishing	1	
	Jewelry (precious metals)	1	
	Lighting fixtures	1	
	Nonferrous-metal foundries (except aluminum)	3	63
	Nonferrous-metal products not elsewhere classified	2	
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	1	

See footnote at end of table.

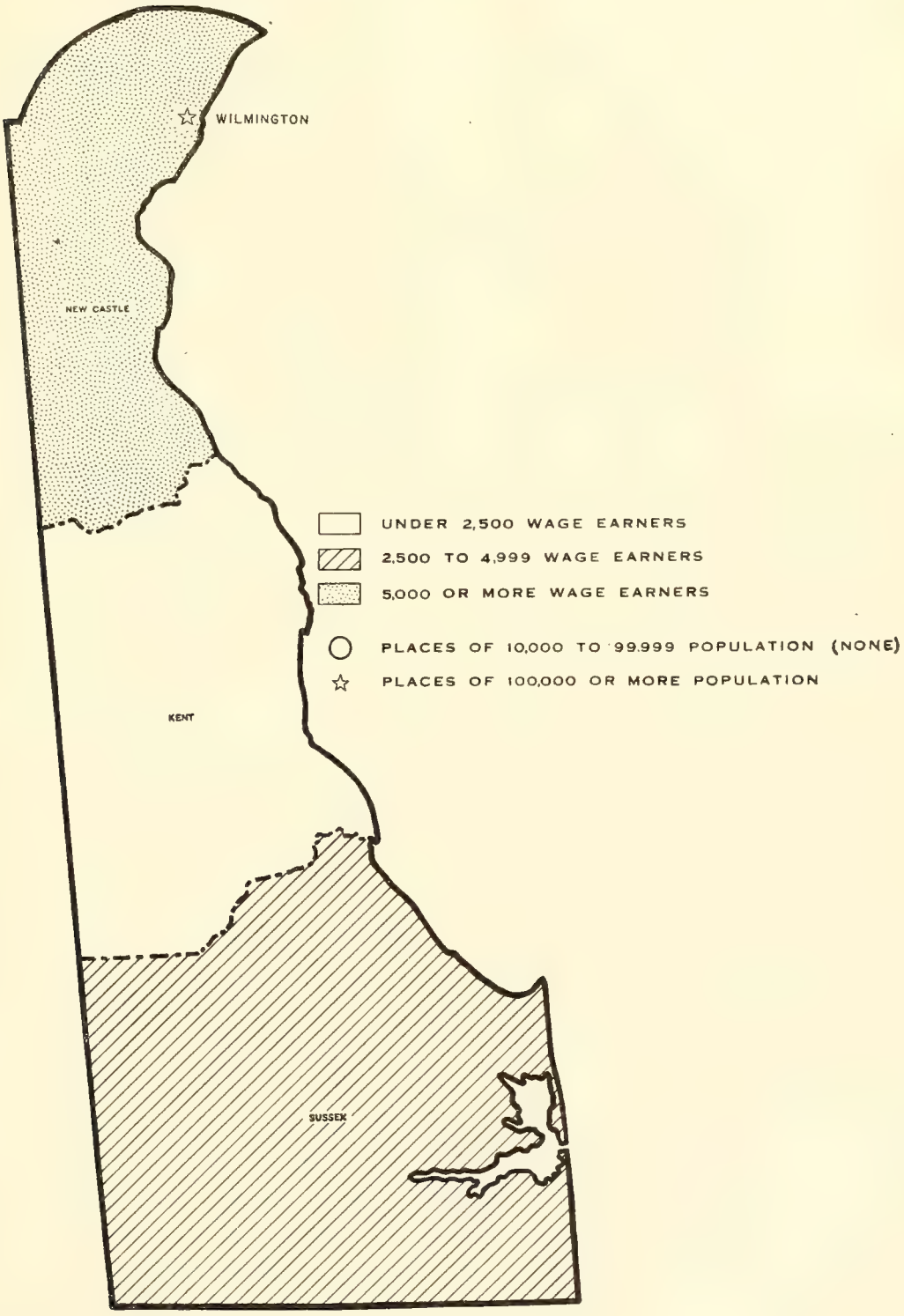
TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE BRIDGEPORT-NEW HAVEN-WATERBURY AND HARTFORD INDUSTRIAL AREAS, AND FOR BRIDGEPORT, HARTFORD, AND NEW HAVEN: 1939—Continued

Group No.[1]	INDUSTRY	Number of establishments	Wage earners
	CITY OF NEW HAVEN—Continued		
15	Sheet-metal work not specifically classified	1	
16	Automotive electrical equipment	1	
	Batteries, storage and primary (dry and wet)	1	
	Electrical appliances	2	
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	1	
	Insulated wire and cable	2	
	Wiring devices and supplies	1	
17	Elevators, escalators, and conveyors	1	
	Food-products machinery	1	
	Industrial machinery, not elsewhere classified	2	
	Machine-shop products, not elsewhere classified	2	
	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	3	314
	Machine tools	1	
	Mechanical power-transmission equipment	1	
	Metalworking machinery and equipment, not elsewhere classified	1	
	CITY OF NEW HAVEN—Continued		
17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	1	
	Sewing machines, domestic and industrial	1	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	3	
19	Aircraft and parts, including aircraft engines	2	
	Boat building and boat repairing	1	
20	Brushes	1	
	Games and toys (except dolls and children's vehicles)	3	526
	Jewelry cases and instrument cases	1	
	Miscellaneous fabricated products not elsewhere classified	1	
	Signs, advertising displays, and advertising novelties	4	35
	Sporting and athletic goods not elsewhere classified	2	
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	2	

[1] For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and of industry groups, sec. 27.

DELAWARE

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939



Prepared by the Bureau of the Census, Department of Commerce

DELAWARE

Table 1.—SUMMARY FOR THE STATE: 1939, 1937, AND 1929

Census year	Number of establishments	Proprietors and firm members	Number of persons employed in manufacturing [1]	Salaries and wages [1]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2]	Value of products [2]	Value added by manufacture [3]
1939	429	270	22,748	$28,052,646	$59,570,473	$114,753,652	$55,183,179
1937	359	173	23,731	29,320,368	65,979,756	124,383,887	58,404,131
1929	450	271	24,241	33,144,713	78,045,065	142,141,353	64,096,288

[1] Figure for 1939 does not include data for employees of manufacturing establishments (except salaried officers of corporations) who were engaged in distribution, construction, and other nonmanufacturing work. For detail, see table 8. It is not known to what extent data for such nonmanufacturing employees were included in figures reported for earlier years. See General Explanations—Persons engaged—general classification.

[2] The aggregates for cost of materials, etc., and value of products include large amounts of duplication due to the use of the products of some industries as materials by others. See General Explanations—Duplication in cost of materials and value of products.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See General Explanations—Value added by manufacture.

Table 2.—SUMMARY FOR COUNTIES AND FOR WILMINGTON: 1939

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
The State	266,505	[5] 429	20,392	$21,959,627	$59,570,473	$114,753,652	$55,183,179
Counties [5]							
Kent	34,441	59	1,427	874,678	3,150,627	5,852,919	2,702,292
New Castle	179,562	241	15,633	19,110,601	50,742,099	98,445,431	47,703,332
Sussex	52,502	129	3,333	1,974,348	5,677,747	10,455,302	4,777,555
Wilmington [6]	112,504	159	10,605	12,587,053	30,228,631	57,678,025	27,449,394

[1] Not including salaried officers and employees nor nonmanufacturing wage earners. The figure for each county and for Wilmington is an average of the numbers reported for the several months of the year. In calculating it, equal weight must be given to full-time and to part-time wage earners (not reported separately by the manufacturers), and for this reason it exceeds the number that would have been required to perform the work done in the industries if all wage earners had been continuously employed throughout the year. The quotient obtained by dividing the amount of wages by the average number of wage earners cannot, therefore, be accepted as representing the average wage received by full-time wage earners. Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several counties do not add exactly to the average for the State. In making comparisons between the figures for 1939 and those for earlier years, the possibility that the proportion of part-time employment varied from year to year should be taken into account.

[2] Profits and losses cannot be calculated from the census figures because no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, and advertising.

[3] See General Explanations—Duplication in cost of materials and value of products.

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See General Explanations—Value added by manufacture.

[5] For numbers of establishments by "Industry groups," see table 10.

[6] Wilmington is the only place in Delaware having 10,000 inhabitants or more.

Table 3.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, BY SEX: 1939 AND 1929

[The 1939 questionnaire, for the first time, called for data on the *total* number of employees in manufacturing establishments, including those engaged wholly or chiefly in distribution, construction, and other nonmanufacturing activities. It is not known to what extent data for such employees were included in the figures reported for earlier years. This table presents detailed figures for employees receiving pay at any time within the *normal* pay-roll period ended nearest Oct. 14, 1939, and for such employees on the pay roll on Dec. 14, 1929, or on the nearest *representative* date. The total for "Wage earners engaged in manufacturing" is not identical with the average for the year (given in other tables), and differs from the number reported for October 1939 or for December 1929, because for both years some manufacturers gave wage-earner figures for months other than those specified. See General Explanations—Persons engaged—general classification]

Class and sex	1939 (Oct. 14) [1]	1929 (Dec. 14) [1]
All classes, aggregate [2]	28,162	24,240
Male	20,312	18,924
Female	7,850	5,316
Salaried officers and employees, total	3,636	2,765
Male	2,820	2,168
Female	816	597
Salaried officers of corporations, total	305	269
Male	275	250
Female	30	19
All other employees (except wage earners in manufacturing), total	3,331	2,496
Male	2,545	1,918
Female	786	578
Salaried officers and employees—Continued.		
All other employees, etc.—Continued.		
Engaged in manufacturing:		
Male	1,558	(1)
Female	493	
Engaged in distribution:		
Male	744	
Female	289	
Engaged in construction:		
Male	222	
Engaged in other work:		
Male	21	
Female	4	
Wage earners engaged in manufacturing, total	24,526	21,475
Male	17,492	16,756
Female	7,034	4,719

[1] See headnote. [2] Figures do not include data for 270 proprietors and firm members for 1939 and 271 for 1929, which were not reported by sex for 1939. [3] No data.

Table 4.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS: 1939, 1937, AND 1929

[The figures for 1939 relate to wage earners engaged in manufacturing only. It is not known to what extent the figures for earlier years include data for nonmanufacturing wage earners. See headnote to table 3]

Census year	Average number employed during year [1]	Number receiving pay during normal pay-roll period ended nearest 15th of month— January	February	March	April	May	June	July	August	September	October	November	December
1939	20,392	18,072	18,518	19,024	19,087	19,036	19,814	19,110	22,718	23,692	22,768	21,407	21,462
1937	21,052	18,424	19,128	19,918	20,806	21,393	22,416	21,662	26,137	26,183	21,502	18,022	17,003
1929	21,476	19,703	19,795	20,094	20,308	21,010	21,431	21,669	23,939	25,779	23,642	20,368	19,978

[1] See General Explanations—Wage earners and wages.

TABLE 5.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY NUMBER OF WAGE EARNERS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS	VALUE ADDED BY MANUFACTURE [2]
	1939	1929	1939	1929	1939	1939
All establishments	429	450	20,392	21,476	$114,753,652	$55,183,179
No wage earners	14	7			187,145	66,505
1 to 5	153	197	457	589	4,097,254	1,764,172
6 to 20	110	120	1,102	1,287	6,573,845	2,931,268
21 to 50	62	47	2,068	1,536	10,162,207	4,639,239
51 to 100	38	30	2,782	2,257	15,117,357	6,470,382
101 to 250	34	31	5,104	5,470	34,917,518	18,945,821
251 to 500	12	10	3,944	3,921	15,603,173	7,908,388
501 to 1,000	5	5	[3] 4,935	6,416	28,095,153	12,457,404
1,001 to 2,500	1	3				

[1] See headnotes to tables 3 and 4. [2] See GENERAL EXPLANATIONS—Value added by manufacture. [3] Combined to avoid disclosing data for individual establishments.

TABLE 6.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY VALUE OF PRODUCTS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
All establishments	429	450	20,392	21,476	$114,753,652	$142,141,353	$55,183,179	$64,096,288
$5,000 to $19,999	137	158	562	521	1,505,639	1,891,709	841,362	1,017,301
$20,000 to $49,999	101	99	1,100	849	3,272,532	3,225,824	1,707,030	1,675,774
$50,000 to $99,999	55	62	1,221	1,016	3,962,924	4,205,060	1,957,700	2,043,817
$100,000 to $249,999	58	44	2,089	1,215	9,460,936	6,227,152	4,827,542	3,025,261
$250,000 to $499,999	24	25	2,244	1,799	8,516,254	8,924,712	3,471,079	4,245,722
$500,000 to $999,999	24	27	3,253	2,980	17,572,130	19,487,313	8,622,139	9,247,925
$1,000,000 to $2,499,999	22	22	4,840	5,529	33,629,135	37,039,080	16,564,757	19,168,833
$2,500,000 to $4,999,999	6	8	[3] 5,083	4,269	[3] 36,834,102	25,907,448	[3] 17,191,570	11,481,705
$5,000,000 and over	2	5		3,298		35,233,055		12,189,950

[1] See headnotes to tables 3 and 4. [2] See GENERAL EXPLANATIONS—Value added by manufacture. [3] Combined to avoid disclosing data for individual establishments.

TABLE 7.—ESTABLISHMENTS CLASSIFIED AS UNDER CORPORATE OR OTHER FORM OF OWNERSHIP (OR CONTROL) AND AS UNDER CENTRAL-ADMINISTRATIVE-OFFICE OR INDEPENDENT OPERATION: 1939 AND 1929

TYPE OF OWNERSHIP OR CONTROL, AND OF OPERATION	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
Total	429	450	20,392	21,476	$114,753,652	$142,141,353	$55,183,179	$64,096,288
TYPE OF OPERATION								
1939 [3]								
Corporate ownership or control:								
Central-administrative-office (plural-unit)	102	(3)	11,161	(3)	69,542,267	(3)	33,349,639	(3)
Independent (single-unit)	140	(3)	6,517	(3)	36,736,553	(3)	18,052,614	(3)
Noncorporate ownership:								
Central-administrative-office (plural-unit)	25	(3)	1,074	(3)	3,298,169	(3)	1,380,070	(3)
Independent (single-unit)	162	(3)	1,640	(3)	5,176,663	(3)	2,400,856	(3)
1939 AND 1929 [3]								
Central-administrative-office (plural-unit), corporate and noncorporate	127	95	12,235	11,340	72,840,436	74,890,986	34,729,709	36,125,506
Independent (single-unit), corporate and noncorporate	302	355	8,157	10,136	41,913,216	67,250,367	20,453,470	27,970,782
TYPE OF OWNERSHIP OR CONTROL								
Corporate	242	207	17,678	19,296	106,278,820	132,085,508	51,402,253	59,212,815
Noncorporate, total	187	243	2,714	2,180	8,474,832	10,055,845	3,780,926	4,883,473
Individual	123	(4)	1,552	(4)	4,249,543	(4)	1,980,620	(4)
Partnership	62	[5]						
Cooperative	2		1,162		4,225,289		1,800,306	
Other								

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Because of changes in the questionnaire, no comparable figures for 1929 can be given for the first section of this table. For this reason, the items have been regrouped under "1939 and 1929" to present comparable figures so far as this can be done.
[4] No data.
[5] Figures for 1939 combined to avoid disclosing data for individual establishments; no data for 1929.

TABLE 8.—GENERAL STATISTICS FOR

This table presents separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establish
are given, however, reported larger numbers of wage earners or

	Group	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1]: Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
1		All industries, total	129	270	24,928	305	2,651	20,392	1,033	222	25
2	6	Baskets for fruits and vegetables	3	1	180	2	36	143	7	2	
3	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	34	32	490	16	20	403	44		7
4	20	Buttons	7	8	216		4	212			
5	1	Canned and dried fruits and vegetables (including canned soups)	29	17	1,072	18	61	984	2	6	1
6	4	Children's dresses—made in contract factories	3	5	123		3	120			
7	13	Concrete products	17	15	144	4	6	107	25	1	1
8	9	Fertilizers	10		118	13	19	70	16		
9	7	Fiber cans, tubes, and similar products	7		512	7	52	437	16		
10	1	Flour and other grain mill products	20	27	97	2	13	68	9	5	
11	8	General commercial (job) printing	16	14	163	7	15	139	2		
12	3	Hosiery—full-fashioned	13	7	610	10	15	582	1	1	1
13	1	Ice cream and ices	12	10	167	3	10	44	108	2	
14	1	Ice, manufactured	13	4	91	6	9	46	27	3	
15	12	Leather: tanned, curried, and finished—contract factories	4	1	237	6	12	219			
16	12	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	7	5	2,422	7	85	2,330			
17	17	Machine-shop repairs	3	2	11	1	2	8			
18	1	Meat packing, wholesale	6	3	406	10	34	259	99		4
19	4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in contract factories	3	3	215		2	213			
20	4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	4	3	753	2	34	690	24	2	1
21	18	Motor vehicles, motor-vehicle bodies, parts and accessories	3	1	19	5		14			
22	8	Newspapers—publishing and printing	13	7	410	9	100	219	82		
23	1	Nonalcoholic beverages	11	6	121	9	10	45	57		
24	7	Paper and paperboard mills	6		377	3	24	341	2	7	
25	8	Periodicals—publishing without printing	4		21	2	7	6	6		
26	1	Pickled fruits and vegetables and vegetable sauces and seasonings	3		173		12	157		2	2
27	5	Planing mills not operated in conjunction with saw mills	4		27	1	4	22			
28	1	Poultry dressing and packing, wholesale	6	4	502	7	19	466	10		
29	1	Prepared feeds (including mineral) for animals and fowls	6	9	74	1	9	48	16		
30	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	4	3	18		2	8	8		
31	5	Saw mills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	21	24	191	2	5	182	2		
32	19	Shipbuilding and ship repairing	6	3	663	6	84	558	2	13	
33	14	Stamped and pressed metal products (except automobile stampings)	4	5	143		4	133	6		
34	14	Tools (except edge tools, machine tools, files, and saws)	4	7	77	4	6	67			
35	4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	3		190		6	184			
36	6	Wooden boxes (except cigar boxes)	5	4	121	3	6	112			
37	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	4	4	253	5	9	239			
38		Other industries [6]	155	76	14,356	155	1,431	11,874	698	184	14
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]									
39	1	Food and kindred products	33	23	934	22	80	575	247	4	6
40	3	Textile-mill products and other fiber manufactures	10	5	2,124	13	247	1,796	68		
41	4	Apparel and other finished products made from fabrics and similar materials	19	18	1,297	14	58	1,206	17	1	1
42	5	Lumber and timber basic products	2	6	1,092	14	86	962	28	2	
	6	Furniture and finished lumber products	11								
43	8	Printing, publishing, and allied industries	6	6	168	4	31	91	41		1
44	9	Chemicals and allied products	19	4	2,457	13	255	2,025	32	130	2
45	10	Products of petroleum and coal	3		85	2	8	61	12	2	
46	12	Leather and leather products	3	4	77	1	9	63	4		
47	13	Stone, clay, and glass products	6	3	94	3	6	84	1		
48	14	Iron and steel and their products, except machinery	15	6	2,254	21	244	1,910	75	4	
49	15	Nonferrous metals and their products	5		193	9	18	160	4	2	
50	17	Machinery (except electrical)	9		1,019	17	102	873	16	9	2
51	19	Transportation equipment except automobiles	3		862	5	131	719	4	3	
52	20	Miscellaneous industries	6	1	958	8	85	807	58		
53	2	Tobacco manufactures	1		742	9	71	542	91	27	2
	7	Paper and allied products	1								
	11	Rubber products	3								

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.

[2] Figures do not include data for personnel of central-administrative offices.

[3] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

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ments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures larger values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
30,210,159	1,948,761	4,144,258	21,959,627	1,871,993	231,972	53,548	59,570,473	55,485,729	2,590,467	1,146,534	347,743	114,753,652	55,183,179	1
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	2
658,174	68,838	39,300	489,095	47,839	----	13,102	1,088,336	1,034,393	30,864	23,079	----	2,392,993	1,304,657	3
179,139	----	5,926	173,213	----	----	----	91,000	86,273	466	4,261	----	375,716	284,716	4
633,779	60,200	56,092	497,094	3,500	3,935	12,958	2,056,862	1,995,565	31,837	14,150	15,310	3,328,233	1,271,371	5
(5)	----	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	6
130,517	17,400	12,816	70,067	27,538	1,916	780	398,456	386,663	3,954	7,839	----	744,026	345,570	7
92,992	26,750	18,719	31,464	15,019	1,040	----	479,221	472,827	505	3,460	2,429	720,351	241,130	8
698,423	40,988	95,625	530,524	31,286	----	----	782,435	653,612	107,151	21,672	----	1,894,309	1,111,874	9
83,572	2,016	16,637	56,557	7,076	1,286	----	678,990	668,254	5,809	4,927	----	856,400	177,470	10
198,399	34,220	22,633	137,716	3,830	----	----	180,047	163,193	3,208	6,709	6,937	505,241	325,194	11
634,109	32,169	26,766	569,484	1,305	3,620	765	1,057,349	1,025,503	5,310	20,265	6,271	2,023,276	965,927	12
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	13
92,924	15,640	15,227	41,861	17,406	2,700	----	97,623	20,708	16,900	60,015	----	510,220	412,597	14
271,788	18,040	29,600	224,148	----	----	----	118,406	94,790	18,316	5,300	----	478,702	360,296	15
2,865,690	77,370	257,074	2,531,246	----	----	----	7,663,910	7,493,783	135,575	29,435	5,117	11,306,016	3,642,106	16
14,148	2,000	2,702	9,446	----	----	----	11,591	10,470	504	617	----	39,504	27,913	17
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	18
(5)	----	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	19
453,197	10,820	36,914	365,310	36,890	3,071	192	920,537	857,134	3,246	9,611	50,546	1,633,653	713,116	20
24,397	8,680	----	15,717	----	----	----	29,678	28,341	701	636	----	65,121	35,443	21
747,554	51,916	202,707	361,670	131,261	----	----	304,523	275,132	4,741	20,530	4,120	1,577,226	1,272,703	22
174,964	33,910	16,256	45,087	79,711	----	----	278,271	268,216	4,666	5,089	300	718,156	439,885	23
441,218	25,053	60,369	335,129	8,000	12,667	----	1,298,451	1,049,857	134,494	114,100	----	2,355,354	1,056,903	24
18,607	3,483	4,027	5,751	5,346	----	----	37,528	1,660	----	258	35,610	78,931	41,403	25
(5)	----	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	26
36,926	2,600	8,332	25,994	----	----	----	37,575	35,629	435	1,511	----	89,341	51,766	27
434,233	38,820	35,181	332,041	28,191	----	----	2,007,881	1,988,201	14,166	5,514	----	2,801,318	793,437	28
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	29
11,414	----	2,313	5,445	3,656	----	----	78,775	74,452	1,266	3,057	----	123,231	44,456	30
94,705	7,692	3,646	82,660	707	----	----	78,063	77,073	900	90	----	217,907	139,844	31
1,033,981	36,119	166,264	805,990	5,903	19,705	----	1,296,218	1,251,550	17,071	27,597	----	2,416,836	1,120,618	32
(5)	----	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	33
112,924	26,675	8,953	77,296	----	----	----	62,913	45,774	3,741	3,398	10,000	294,005	231,092	34
124,909	----	10,845	114,064	----	----	----	325,546	323,007	86	2,453	----	607,474	281,928	35
74,770	3,916	7,210	63,644	----	----	----	143,857	143,552	----	305	----	285,486	141,629	36
(5)	(5)	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	37
19,872,706	1,303,446	2,982,124	13,961,914	1,417,529	181,942	25,751	37,966,431	34,960,117	2,044,555	750,656	211,103	76,314,566	38,348,135	38
1,217,223	122,427	135,887	521,988	410,947	7,827	18,147	5,607,219	5,507,126	51,278	48,815	----	8,244,726	2,637,507	39
2,732,288	139,077	473,545	1,920,853	198,813	----	----	3,087,592	2,849,719	207,115	30,758	----	8,110,677	5,023,085	40
1,131,758	99,446	130,386	852,701	42,862	5,730	633	1,104,975	1,022,499	12,869	17,037	52,570	2,506,625	1,401,650	41
1,169,030	177,040	147,130	800,816	42,044	2,000	----	2,564,643	2,454,327	56,976	53,340	----	4,378,969	1,814,326	42
306,423	51,200	38,975	156,049	57,699	----	2,500	216,431	164,172	2,105	5,082	45,072	711,528	495,097	43
3,753,080	67,538	642,530	2,876,877	77,524	87,571	1,040	8,353,061	7,432,503	689,463	231,095	----	20,350,136	11,997,075	44
142,130	23,302	18,995	78,626	16,190	5,017	----	1,276,954	1,211,352	56,195	9,407	----	1,499,990	223,036	45
91,716	1,989	16,994	69,942	2,791	----	----	521,969	518,232	1,806	1,931	----	955,904	433,935	46
93,920	4,680	11,100	77,412	728	----	----	46,750	14,602	27,805	4,343	----	236,327	189,577	47
3,283,039	190,471	499,349	2,409,277	178,222	5,720	----	7,524,168	6,589,982	700,349	196,542	37,295	12,619,290	5,095,122	48
309,765	71,523	33,032	197,410	6,705	1,095	----	451,035	343,466	67,853	25,473	14,243	1,020,105	569,070	49
2,162,837	197,530	209,576	1,664,221	74,644	14,866	2,000	2,414,520	2,274,770	38,166	40,199	61,385	5,165,381	2,750,861	50
1,291,700	30,860	267,175	986,512	4,206	2,947	----	1,531,072	1,462,552	45,838	22,144	538	2,780,567	1,249,495	51
1,250,007	60,500	217,611	831,742	140,154	----	----	1,316,807	1,233,649	70,138	13,020	----	3,581,211	2,264,404	52
937,790	65,863	139,839	517,488	164,000	49,169	1,431	1,949,235	1,881,166	16,599	51,470	----	4,153,130	2,203,895	53

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[6] For numbers of establishments and of wage earners in individual industries, see table 11.

TABLE 9.—GENERAL STATISTICS FOR WILMINGTON, BY INDUSTRIES: 1939

[This table presents separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures are given, however, reported larger numbers of wage earners or larger values of products than some of those shown separately. No data for nonmanufacturing personnel except salaried officers of corporations, are included in this table]

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work [3]	Value of products [3]	Value added by manufacture [3]
	All industries, total	179	73	169	1,175	10,605	$1,321,603	$2,383,664	$12,587,053	$30,228,631	$57,678,025	$27,449,394
1	Bread and other bakery products (except biscuit, crackers, and pretzels) [6]	24	22	10	18	442	64,160	37,695	412,053	941,205	2,115,734	1,174,529
13	Concrete products	3	2	2	2	43	10,100	4,968	26,924	301,257	510,656	209,399
8	General commercial (job) printing [6]	16	11	7	15	139	34,220	22,633	137,716	180,047	505,241	325,194
1	Ice cream and ices	4	3	3	8	34	(4)	(4)	(4)	(4)	(4)	(4)
1	Ice, manufactured	3		4	3	16	(4)	(4)	(4)	(4)	(4)	(4)
12	Leather tanned, curried, and finished regular factories or jobbers engaging contractors	7	5	7	85	2,330	77,370	257,074	2,531,246	7,663,910	11,306,016	3,642,106
1	Meat packing, wholesale	3		10	34	253	(4)	(4)	(4)	(4)	(4)	(4)
18	Motor vehicles, motor-vehicle bodies, parts and accessories	3	1	5	.....	14	8,680		15,717	29,678	65,121	35,443
1	Nonalcoholic beverages	6	2	5	8	32	(4)	(4)	(4)	(4)	(4)	(4)
8	Periodicals, publishing without printing	4	...	2	7	6	3,483	4,027	5,751	37,528	78,931	41,403
19	Shipbuilding and ship repairing [6]	6		6	84	558	36,119	166,264	805,990	1,296,218	2,416,836	1,120,618
14	Tools (except edge tools, machine tools, files, and saws)	4	7	4	6	67	26,675	8,953	77,296	62,913	294,005	231,092
	Other industries [5]	98	28	126	962	7,130	1,060,796	1,886,210	8,567,902	19,760,312	40,472,894	20,712,582
	OTHER INDUSTRIES, BY GROUPS [5]											
4	Food and kindred products	22	5	30	75	437	152,967	133,648	189,804	4,994,438	7,805,330	2,810,892
3	Textile-mill products and other fiber manufactures	6	3	9	226	1,543	128,759	434,645	1,661,405	2,447,173	6,464,593	4,017,420
4	Apparel and other finished products made from fabrics and similar materials	10	2	14	76	1,112	89,566	141,920	853,103	1,293,948	2,817,709	1,523,761
8	Printing, publishing, and allied industries	7	5	7	117	261	83,900	224,515	455,586	468,796	2,037,380	1,568,584
9	Chemicals and allied products	7		5	21	152	37,250	44,231	195,730	1,189,875	2,022,991	833,116
12	Leather and leather products	5	1	7	20	233	20,029	43,174	241,291	608,833	1,318,724	709,891
14	Iron and steel and their products, except machinery	9	4	11	90	749	93,877	171,771	854,285	2,108,368	4,189,308	2,080,940
15	Nonferrous metals and their products	5	..	9	18	160	71,523	33,032	197,410	451,035	1,020,105	569,070
17	Machinery (except electrical)	10	1	18	93	843	199,530	194,094	1,643,794	2,318,520	5,031,735	2,713,215
6	Furniture and finished lumber products	5	3	5	42	312						
5	Lumber and timber basic products	1										
7	Paper and allied products	2										
10	Products of petroleum and coal	1					183,395	464,880	1,975,494	3,879,326	7,765,019	3,885,693
11	Rubber products	2	1	11	184	1,328						
13	Stone, clay, and glass products	2										
19	Transportation equipment except automobiles	2										
20	Miscellaneous industries	2										

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] Figures do not include data for personnel of central-administrative offices.

[2] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

[4] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.

[5] For numbers of establishments and of wage earners in individual industries, see table 11.

[6] To avoid disclosing exact or approximate data for individual establishments, data for two establishments located outside Wilmington have been included in the figures for the industry to which this footnote is indexed. Data for these establishments are not, however, included in the total for the city.

TABLE 10.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939

COUNTY	Total	INDUSTRY GROUP 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
The State	429	150	1	23	26	27	16	14	39	29	3	3	14	23	19	5	..	12	3	9	13
Kent	59	32	..	3	5	7	1	.....	3	3	.....	1	.....	3	.....	.....	.....	1	..	..	..
New Castle	241	70	1	11	12	4	6	13	29	17	3	2	14	13	18	5	.....	10	3	7	3
Sussex	129	48	..	9	9	16	9	1	7	9	..	.....	...	7	1	.....		1	.....	2	10

TABLE 11.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE AND FOR WILMINGTON: 1939

[In order to avoid disclosing data for individual establishments, wage-earner figures for industries represented by fewer than three establishments are withheld]

Group No.[1]	TITLE	Number of establishments	Wage earners
	STATE OF DELAWARE		
1	Candy and other confectionery products	2	-------
	Cheese	1	-------
	Creamery butter	1	-------
	Ice cream and ices	12	44
	Malt liquors	2	-------
	Meat packing, wholesale	6	259
	Pickled fruits and vegetables and vegetable sauces and seasonings	3	157
	Prepared feeds (including mineral) for animals and fowls	6	48
2	Tobacco (chewing and smoking) and snuff	1	-------
3	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	1	-------
	Cordage and twine	1	-------
	Cotton broad woven goods	2	-------
	Dyeing and finishing cotton, rayon, silk, and linen textiles	1	-------
	Hosiery—seamless	1	-------
	Jute goods (except felt)	1	-------
	Linoleum, asphalted-felt-base and other hard-surface floor coverings, not elsewhere classified	1	-------
	Processed waste and recovered wool fibers—contract factories	1	-------
	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	1	-------
4	Children's and infants' wear not elsewhere classified—made in contract factories	1	-------
	Children's dresses—made in contract factories	3	120
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in contract factories	3	213
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	1	-------
	Men's and boys' underwear—made in contract factories	1	-------
	Miscellaneous fabricated textile products not elsewhere classified	2	-------
	Women's and misses' blouses and waists—made in contract factories	1	-------
	Women's and misses' dresses (except house dresses)—made in contract factories	1	-------
	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics	2	-------
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	4	239
5	Logging camps and logging contractors (not operating sawmills)	2	-------
6	Baskets for fruits and vegetables	3	443
	Cork products	2	-------
	Excelsior	1	-------
	Mattresses and bedsprings	2	-------
	Upholstered household furniture	1	-------
	Wood preserving	1	-------
	Wood products not elsewhere classified	1	-------
7	Paperboard containers and boxes not elsewhere classified	1	-------
8	Bookbinding and related industries	1	-------
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	1	-------
	Newspapers: publishing without printing	2	-------
	Periodicals: publishing and printing	1	-------
	Photoengraving, not done in printing establishments (including preparation of plates)	1	-------
9	Chemicals not elsewhere classified	2	-------
	Cleaning and polishing preparations, blackings, and dressings	1	-------
	Colors and pigments	2	-------
	Drugs and medicines (including drug grinding)	2	-------
	Fireworks	1	-------
	Fish and other marine oils	1	-------
	Grease and tallow (except lubricating greases)	2	-------
	Insecticides, fungicides, and related industrial and household chemical compounds	2	-------
	Paints, varnishes, and lacquers	1	-------
	Plastic materials	1	-------
	Rayon and allied products	1	-------
	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	1	-------
	Vegetable and animal oils, not elsewhere classified	2	-------
10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	1	-------
	Petroleum refining	1	-------
	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	1	-------
11	Rubber products not elsewhere classified	3	463
	STATE OF DELAWARE—Continued		
12	Boot and shoe cut stock and findings	1	-------
	Industrial leather belting and packing leather	2	-------
13	Brick and hollow structural tile	4	68
	Minerals and earths, ground or otherwise treated	1	-------
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	1	-------
14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	1	-------
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	2	-------
	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	2	-------
	Gray-iron and semisteel castings	1	-------
	Malleable-iron castings	1	-------
	Power boilers and associated products	1	-------
	Stamped and pressed metal products (except automobile stampings)	4	133
	Steel castings	2	-------
	Steel works and rolling mills	1	-------
15	Electroplating, plating, and polishing	1	-------
	Nonferrous-metal foundries (except aluminum)	1	-------
	Nonferrous-metal products not elsewhere classified	1	-------
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	1	-------
	Sheet-metal work not specifically classified	1	-------
17	Industrial machinery, not elsewhere classified	2	-------
	Machine-shop products, not elsewhere classified	2	-------
	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	1	-------
	Paper-mill, pulp-mill, and paper-products machinery	1	-------
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	1	-------
	Special-industry machinery, not elsewhere classified	2	-------
19	Aircraft and parts, including aircraft engines	1	-------
	Cars and car equipment—railroad, street, and rapid-transit	2	-------
20	Brushes	2	-------
	Dental equipment and supplies	1	-------
	Fabricated plastic products, not elsewhere classified	2	-------
	Signs, advertising displays, and advertising novelties	1	-------
	CITY OF WILMINGTON		
1	Candy and other confectionery products	2	-------
	Ice cream and ices	4	34
	Ice, manufactured	3	16
	Malt liquors	2	-------
	Meat packing, wholesale	3	253
	Nonalcoholic beverages	6	32
	Prepared feeds (including mineral) for animals and fowls	1	-------
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	1	-------
3	Cordage and twine	1	-------
	Dyeing and finishing cotton, rayon, silk, and linen textiles	1	-------
	Hosiery—full-fashioned	1	-------
	Hosiery—seamless	1	-------
	Linoleum, asphalted-felt-base and other hard-surface floor coverings, not elsewhere classified	1	-------
	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	1	-------
4	Children's and infants' wear not elsewhere classified—made in contract factories	1	-------
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	2	-------
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	1	-------
	Miscellaneous fabricated textile products not elsewhere classified	1	-------
	Women's and misses' blouses and waists—made in contract factories	1	-------
	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	2	-------
	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics	1	-------
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	1	-------

See footnote at end of table.

TABLE 11.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE AND FOR WILMINGTON: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	CITY OF WILMINGTON—Continued		
5	Planing mills not operated in conjunction with sawmills	1	
6	Cork products	2	
	Mattresses and bedsprings	2	
	Wooden boxes except cigar boxes	1	
7	Fiber cans, tubes, and similar products	1	
	Paperboard containers and boxes not elsewhere classified	1	
8	Bookbinding and related industries	1	
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	1	
	Newspapers: publishing and printing	2	
	Newspapers publishing without printing	1	
	Periodicals publishing and printing	1	
	Photoengraving, not done in printing establishments (including preparation of plates)	1	
9	Drugs and medicines (including drug grinding)	1	
	Fertilizers	1	
	Grease and tallow (except lubricating greases)	1	
	Paints, varnishes, and lacquers	1	
	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	1	
	Vegetable and animal oils, not elsewhere classified	2	
10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	1	
11	Rubber products not elsewhere classified	2	
12	Industrial leather belting and packing leather	2	
	Leather: tanned, curried, and finished—contract factories	3	173
	CITY OF WILMINGTON—Continued		
13	Brick and hollow structural tile	1	
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	1	
14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	1	
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	2	
	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	2	
	Gray-iron and semisteel castings	1	
	Malleable-iron castings	1	
	Stamped and pressed metal products (except automobile stampings)	2	
15	Electroplating, plating, and polishing	1	
	Nonferrous-metal foundries (except aluminum)	1	
	Nonferrous-metal products not elsewhere classified	1	
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	1	
	Sheet-metal work not specifically classified	1	
17	Industrial machinery, not elsewhere classified	2	
	Machine-shop products, not elsewhere classified	2	
	Machine-shop repairs	2	
	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	1	
	Paper-mill, pulp-mill, and paper-products machinery	1	
	Special industry machinery, not elsewhere classified	2	
19	Cars and car equipment—railroad, street, and rapid-transit	2	
20	Fabricated plastic products, not elsewhere classified	1	
	Signs, advertising displays, and advertising novelties	1	

[1] For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and of industry groups, sec. 27.

DISTRICT OF COLUMBIA

(COEXTENSIVE WITH THE CITY OF WASHINGTON)

TABLE 1.—SUMMARY: 1939, 1937, AND 1929

CENSUS YEAR	Number of establishments	Proprietors and firm members	Number of persons employed in manufacturing [1]	Salaries and wages [1]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2]	Value of products [2]	Value added by manufacture [3]
1939	497	285	11,449	$20,320,149	$35,558,454	$79,875,299	$44,316,845
1937	469	263	13,757	22,369,644	31,451,162	74,107,967	42,656,805
1929	535	322	12,258	22,387,990	30,483,733	77,753,874	47,270,141

[1] Figure for 1939 does not include data for employees of manufacturing establishments (except salaried officers of corporations) who were engaged in distribution, construction, and other nonmanufacturing work. For detail, see table 8. It is not known to what extent data for such nonmanufacturing employees were included in figures reported for earlier years. See GENERAL EXPLANATIONS—Persons engaged—general classification.

[2] The aggregates for cost of materials, etc., and value of products include large amounts of duplication due to the use of the products of some industries as materials by others. See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 2.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, BY SEX: 1939 AND 1929

[The 1939 questionnaire, for the first time, called for data on the *total* number of employees in manufacturing establishments, including those engaged wholly or chiefly in distribution, construction, and other nonmanufacturing activities. It is not known to what extent data for such employees were included in the figures reported for earlier years. This table presents detailed figures for employees receiving pay at any time within the *normal* pay-roll period ended nearest Oct. 14, 1939, and for such employees on the pay roll on Dec. 14, 1929, or on the nearest *representative* date. The total for "Wage earners engaged in manufacturing" is not identical with the average for the year (given in other tables), and differs from the number reported for October 1939 or for December 1929, because for both years some manufacturers gave wage-earner figures for months other than those specified. See GENERAL EXPLANATIONS—Persons engaged—general classification]

CLASS AND SEX	1939 (Oct. 14) [1]	1929 (Dec. 14) [1]
All classes, aggregate [2]	14,911	12,317
Male	11,719	9,348
Female	3,192	2,969
Salaried officers and employees, total	6,876	4,056
Male	4,682	2,529
Female	2,194	1,527
Salaried officers of corporations, total	338	396
Male	302	361
Female	36	35
All other employees (except wage earners in manufacturing), total	6,538	3,660
Male	4,380	2,168
Female	2,158	1,492
Salaried officers of corporations—Continued.		
All other employees, etc.—Continued.		
Engaged in manufacturing:		
Male	1,819	(3)
Female	1,415	
Engaged in distribution:		
Male	2,436	
Female	727	
Engaged in construction:		
Male	28	
Engaged in other work:		
Male	97	
Female	16	
Wage earners engaged in manufacturing, total	8,035	8,261
Male	7,037	6,819
Female	998	1,442

[1] See headnote.

[2] Figures do not include data for 285 proprietors and firm members for 1939 and 322 for 1929, which were not reported by sex, for 1939.

[3] No data.

TABLE 3.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS: 1939, 1937, AND 1929

[The figures for 1939 relate to wage earners engaged in manufacturing only. It is not known to what extent the figures for earlier years include data for nonmanufacturing wage earners. See headnote to table 2]

CENSUS YEAR	Average number employed during year [1]	NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH—											
		January	February	March	April	May	June	July	August	September	October	November	December
1939	7,877	7,633	7,665	7,782	7,862	7,831	7,887	7,799	7,887	7,976	8,029	8,004	8,168
1937	8,714	8,629	8,652	8,778	8,917	8,899	8,884	8,743	8,552	8,690	8,728	8,546	8,551
1929	8,202	8,029	8,018	8,081	8,290	8,312	8,271	8,150	8,161	8,244	8,300	8,266	8,303

[1] See GENERAL EXPLANATIONS—Wage earners and wages.

TABLE 4.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY NUMBER OF WAGE EARNERS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS	VALUE ADDED BY MANUFACTURE [2]
	1939	1929	1939	1929	1939	1939
All establishments	497	535	7,877	8,202	$79,875,299	$44,316,845
No wage earners	92	95			11,956,797	6,579,133
1 to 5	188	217	521	635	4,258,070	2,421,072
6 to 20	145	130	1,499	1,416	13,074,448	7,394,319
21 to 50	38	59	1,211	1,790	11,880,389	5,579,599
51 to 100	18	16	1,284	1,087	12,501,518	6,276,912
101 to 250	11	15	1,580	2,231	11,848,487	6,109,611
251 to 500	5	3	1,782	[3] 1,043	14,355,590	9,956,199
501 to 1,000						

[1] See headnotes to tables 2 and 3.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Combined to avoid disclosing data for individual establishments.

TABLE 5.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY VALUE OF PRODUCTS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
All establishments	497	535	7,877	8,202	$79,875,299	$77,753,874	$44,316,845	$47,270,141
$5,000 to $19,999	158	197	298	377	1,862,300	2,332,681	1,015,556	1,569,741
$20,000 to $49,999	136	126	628	665	4,176,550	4,032,094	2,397,406	2,700,490
$50,000 to $99,999	83	77	815	725	6,074,448	5,434,798	3,685,901	3,964,650
$100,000 to $249,999	57	78	954	1,610	8,812,596	12,106,728	5,026,920	7,409,629
$250,000 to $499,999	30	28	1,107	954	11,147,216	9,332,291	6,422,701	6,381,956
$500,000 to $999,999	14	16	1,076	1,661	9,503,290	12,041,263	4,123,165	7,138,291
$1,000,000 to $2,499,999	15	8	2,033	1,236	21,019,301	12,731,359	11,980,464	7,328,475
$2,500,000 to $4,999,999	3	[3] 5	966	974	17,279,598	19,742,660	9,664,732	10,776,909
$5,000,000 and over	1							

[1] See headnotes to tables 2 and 3.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Combined to avoid disclosing data for individual establishments.

TABLE 6.—ESTABLISHMENTS CLASSIFIED AS UNDER CORPORATE OR OTHER FORM OF OWNERSHIP (OR CONTROL) AND AS UNDER CENTRAL-ADMINISTRATIVE-OFFICE OR INDEPENDENT OPERATION: 1939 AND 1929

TYPE OF OWNERSHIP OR CONTROL, AND OF OPERATION	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
Total	497	535	7,877	8,202	$79,875,299	$77,753,874	$44,316,845	$47,270,141
TYPE OF OPERATION								
1939 [3]								
Corporate ownership or control:								
Central-administrative-office (plural-unit)	52	(3)	2,071	(3)	22,716,114	(3)	13,087,473	(3)
Independent (single-unit)	208	(3)	4,068	(3)	42,123,602	(3)	22,319,408	(3)
Noncorporate ownership:								
Central-administrative-office (plural-unit)	4	(3)	43	(3)	647,493	(3)	303,197	(3)
Independent (single-unit)	233	(3)	1,695	(3)	14,388,090	(3)	8,606,767	(3)
1939 AND 1929 [3]								
Central-administrative-office (plural unit), corporate and noncorporate	56	33	2,114	1,335	23,363,607	14,229,886	13,390,670	8,896,720
Independent (single-unit), corporate and noncorporate	441	502	5,763	6,867	56,511,692	63,523,988	30,926,175	38,373,421
TYPE OF OWNERSHIP OR CONTROL								
Corporate	260	253	6,139	6,301	64,839,716	65,828,687	35,406,881	40,274,302
Noncorporate, total	237	282	1,738	1,901	15,035,583	11,925,187	8,909,964	6,995,839
Individual	151	(4)	1,168	(4)	8,665,827	(4)	5,363,590	(4)
Partnership	58	[5]	562		4,913,308		2,891,907	
Cooperative	1							
Other	27	(4)	8	(4)	1,456,448	(4)	654,467	(4)

[1] See headnotes to tables 2 and 3.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Because of changes in the questionnaire, no comparable figures for 1929 can be given for the first section of this table. For this reason, the items have been regrouped under "1939 and 1929" to present comparable figures so far as this can be done.
[4] No data.
[5] Figures for 1939 combined to avoid disclosing data for individual establishments; no data for 1929.

TABLE 7.—GENERAL STATISTICS

[This table presents separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments, are given, however, reported larger numbers of wage earners or

	Group No.	INDUSTRY	Number of establishments	Proprietors and firm members	PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS[1]						
					Total[2]	Salaried officers of corporations[2]	Manufacturing		Distribution	Construction	Other
							Salaried employees[2]	Wage earners (average for year)[3]			
1		All industries, total	497	285	14,753	338	3,234	7,877	3,163	28	113
2	8	Bookbinding and related industries	7	4	75	1	13	58	3		
3	8	Books: printing without publishing	4	5	30	2	3	23	2		
4	8	Books: publishing without printing	9	4	48		32		16		
5	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	88	79	2,056	23	112	1,672	169	9	71
6	1	Candy and other confectionery products	6	3	134	1	5	119	8		1
7	4	Canvas products (except bags)	6	6	99	2	9	41	47		
8	6	Caskets, coffins, burial cases, and other morticians' goods	3	2	10	2	2	5	1		
9	13	Concrete products	9	1	341	13	23	291	12		2
10	9	Drugs and medicines (including drug grinding)	5		80	13	7	46	12		2
11	15	Electroplating, plating, and polishing	3	3	24		1	21	2		
12	8	Electrotyping and stereotyping, not done in printing establishments	3	1	42	5	2	29	6		
13	8	Engraving (steel, copperplate, and wood); plate printing	9	7	84	3	17	56	8		
14	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	13	10	387	10	41	247	79		10
15	1	Food preparations, not elsewhere classified	3	1	101	5	7	54	33		2
16	8	General commercial (job) printing	63	48	1,279	34	92	1,064	89		
17	20	Hand stamps, stencils, and brands	3	1	23	2	3	18			
18	1	Ice cream and ices	12	1	581	12	41	175	348		5
19	1	Ice, manufactured	8		266	5	17	118	112		14
20	9	Insecticides, fungicides, and related industrial and household chemical compounds	4		18	3		5	10		
21	15	Jewelry (precious metals)	3	3	13	2	1	9	1		
22	8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	14	6	264	22	20	197	25		
23	8	Machine and hand typesetting (including advertisement typesetting)	5	4	63	2	3	52	6		
24	17	Machine-shop repairs	7	6	41	5	3	33			
25	6	Mattresses and bedsprings	6	6	101	3	11	78	9		
26	8	Newspapers: publishing and printing	5	5	3,063	6	975	1,177	905		
27	8	Newspapers: publishing without printing	3	2	35	1	30	1	3		
28	1	Nonalcoholic beverages	13	4	436	17	35	142	241	1	
29	9	Paints, varnishes, and lacquers	3	3	8	1	1	5	1		
30	8	Periodicals: publishing and printing	13	5	702	18	130	358	196		
31	8	Periodicals: publishing without printing	81	8	1,922	42	1,387	31	462		
32	8	Photoengraving, not done in printing establishments (including preparation of plates)	7	1	122	13	15	78	16		
33	5	Planing mills not operated in conjunction with sawmills	4		84	7	10	52	15		
34	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	7	3	415	6	29	302	75	1	2
35	20	Signs, advertising displays, and advertising novelties	6	9	47	3	4	34	6		
36	20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	4	2	63	4	16	31	12		
37		Other industries[6]	74	49	2,038	65	167	1,490	292	17	7
		OTHER INDUSTRIES, BY INDUSTRY GROUPS[6]									
38	1	Food and kindred products	21	15	701	16	45	476	154	6	4
39	4	Apparel and other finished products made from fabrics and similar materials	4	4	45	3	4	33	5		
40	6	Furniture and finished lumber products	4	3	32		7	18	7		
41	7	Paper and allied products	7	1	565	11	44	468	37	4	1
42	9	Chemicals and allied products	3	1	53	4	12	18	18		1
43	13	Stone, clay, and glass products	10	10	267	7	8	235	17		
44	16	Electrical machinery	4		62	8	3	37	6	7	1
45	17	Machinery (except electrical)	4	1	63	4	9	39	11		
46	20	Miscellaneous industries	7	7	90	4	20	54	12		
47	8	Printing, publishing, and allied industries	3	1	42	5	2	29	6		
	10	Products of petroleum and coal	1								
	12	Leather and leather products	1								
	15	Nonferrous metals and their products	2	6	118	3	13	83	19		
	18	Automobiles and automobile equipment	2								
	19	Transportation equipment except automobiles	1								

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.
[2] Figures do not include data for personnel of central-administrative offices.
[3] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

BY INDUSTRIES: 1939

and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures larger values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
25,453,827	1,775,704	6,772,165	11,772,280	4,897,967	49,041	186,670	35,558,454	29,008,076	542,387	542,515	5,465,476	79,875,299	44,316,845	1
89,796	1,300	17,322	67,968	3,206	----------	----------	49,161	42,110	276	1,331	5,444	219,907	170,746	2
55,409	18,200	3,136	30,073	4,000	----------	----------	42,301	37,553	450	608	3,690	138,518	96,217	3
74,748	----------	46,556	----------	28,192	----------	----------	136,841	13,413	----------	----------	123,428	257,674	120,833	4
3,487,507	101,096	242,486	2,819,555	200,608	15,946	107,816	4,778,443	4,548,419	144,777	85,247	----------	11,567,426	6,788,983	5
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	6
111,219	7,065	9,939	45,644	48,571	----------	----------	139,123	136,178	1,795	1,150	----------	307,662	168,539	7
17,402	7,600	2,330	5,897	1,575	----------	----------	20,263	20,029	96	138	----------	59,755	39,492	8
539,993	86,310	45,220	381,947	24,116	----------	2,400	2,662,589	2,529,390	6,954	15,874	110,371	4,227,669	1,565,080	9
136,166	62,572	10,038	42,576	20,707	----------	273	312,251	308,784	1,632	599	1,236	632,433	320,182	10
31,898	----------	2,600	26,538	2,760	----------	----------	10,683	8,109	1,314	718	542	60,089	49,406	11
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	12
123,753	20,143	25,433	66,226	11,951	----------	----------	98,737	89,438	406	2,163	6,730	311,886	213,149	13
610,887	41,260	82,815	348,626	107,242	----------	30,944	1,060,615	1,048,290	2,736	9,519	70	1,845,035	784,420	14
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	15
2,173,175	188,654	223,860	1,567,194	193,467	----------	----------	1,681,115	1,464,456	16,774	34,631	165,254	5,181,691	3,500,576	16
40,278	6,500	7,064	26,714	----------	----------	----------	52,313	49,515	1,218	639	941	107,556	55,243	17
856,294	56,400	86,331	246,212	460,422	----------	6,929	1,701,095	1,596,254	26,572	78,269	----------	3,633,453	1,932,358	18
421,232	36,020	32,896	164,797	163,458	----------	24,061	183,364	60,001	14,625	168,738	----------	1,018,341	834,977	19
31,470	16,685	2,045	4,637	8,028	----------	75	65,701	65,283	188	230	----------	152,995	87,294	20
24,452	7,770	1,560	14,342	780	----------	----------	16,700	16,700	----------	----------	----------	64,484	47,784	21
488,520	119,732	39,448	295,943	33,397	----------	----------	277,251	237,523	3,322	7,307	29,099	1,028,706	751,455	22
99,236	4,680	4,358	83,498	6,700	----------	----------	85,401	80,645	1,164	2,329	1,263	312,708	227,307	23
68,161	11,020	4,414	52,727	----------	----------	----------	48,418	46,180	907	1,331	----------	180,393	131,975	24
109,466	10,900	13,839	72,796	11,931	----------	----------	247,416	243,241	1,581	2,594	----------	364,710	117,294	25
6,273,407	129,168	2,373,583	2,408,426	1,362,230	----------	----------	3,564,377	2,881,872	25,937	67,183	589,385	11,959,345	8,394,968	26
43,591	1,300	39,101	190	3,000	----------	----------	58,637	2,814	----------	----------	55,823	136,529	77,892	27
716,173	70,640	73,010	135,843	431,638	3,042	2,000	1,122,887	1,102,836	9,886	10,165	----------	2,906,069	1,783,182	28
9,114	2,800	1,000	3,614	1,700	----------	----------	74,212	72,956	125	1,131	----------	102,065	27,853	29
1,030,938	80,685	297,773	412,532	239,948	----------	----------	493,452	439,114	7,387	13,379	33,572	2,150,285	1,656,833	30
3,720,479	260,812	2,610,189	26,208	823,270	----------	----------	5,461,690	1,173,489	7,390	1,052	4,279,759	12,239,289	6,777,599	31
344,463	63,255	39,471	206,777	34,960	----------	----------	85,527	59,954	650	3,869	21,054	537,813	452,286	32
146,315	25,030	24,115	78,808	18,362	----------	----------	197,099	192,769	188	3,767	375	374,836	177,737	33
556,829	26,822	63,039	325,823	137,580	1,550	2,015	4,945,917	4,916,335	13,909	15,673	----------	6,161,259	1,215,342	34
80,675	14,931	6,900	47,265	11,579	----------	----------	62,811	61,078	823	875	35	204,710	141,899	35
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	36
2,940,781	296,354	340,294	1,762,884	502,589	28,503	10,157	5,822,064	5,463,348	249,305	72,006	37,405	11,430,008	5,607,944	37
1,118,600	83,511	108,473	615,069	295,763	9,508	6,276	3,047,103	2,916,487	103,452	27,164	----------	4,982,312	1,935,209	38
67,749	2,712	8,029	48,512	8,496	----------	----------	80,889	66,402	----------	2,424	12,063	182,630	101,741	39
40,640	----------	10,297	24,077	6,266	----------	----------	73,279	70,131	800	2,348	----------	176,038	102,759	40
665,179	47,724	99,877	452,223	55,986	8,671	698	1,602,206	1,559,727	32,367	10,112	----------	3,267,082	1,664,876	41
94,745	24,000	19,352	26,393	24,158	----------	842	208,183	198,717	5,590	3,876	----------	388,597	180,414	42
338,909	25,620	19,088	276,992	17,199	----------	----------	235,421	121,660	95,446	16,905	1,410	834,788	599,367	43
89,892	30,614	6,480	37,703	2,430	10,324	2,341	132,524	123,192	1,420	1,412	6,500	261,627	129,103	44
111,958	15,675	14,286	53,092	28,905	----------	----------	100,484	83,370	1,821	1,010	14,283	351,864	251,380	45
143,169	18,637	28,945	77,048	18,539	----------	----------	104,964	100,852	1,232	1,439	1,441	361,402	256,438	46
269,940	47,851	25,467	151,775	44,847	----------	----------	237,011	222,810	7,177	5,316	1,708	623,668	386,657	47

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[6] For numbers of establishments and of wage earners in individual industries, see table 9.

TABLE 8.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS: 1939

	Total	INDUSTRY GROUP																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
District of Columbia	497	149			10	4	13	7	223	15	1	.	1	19	13	8	4	11	2	1	16

TABLE 9.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS: 1939

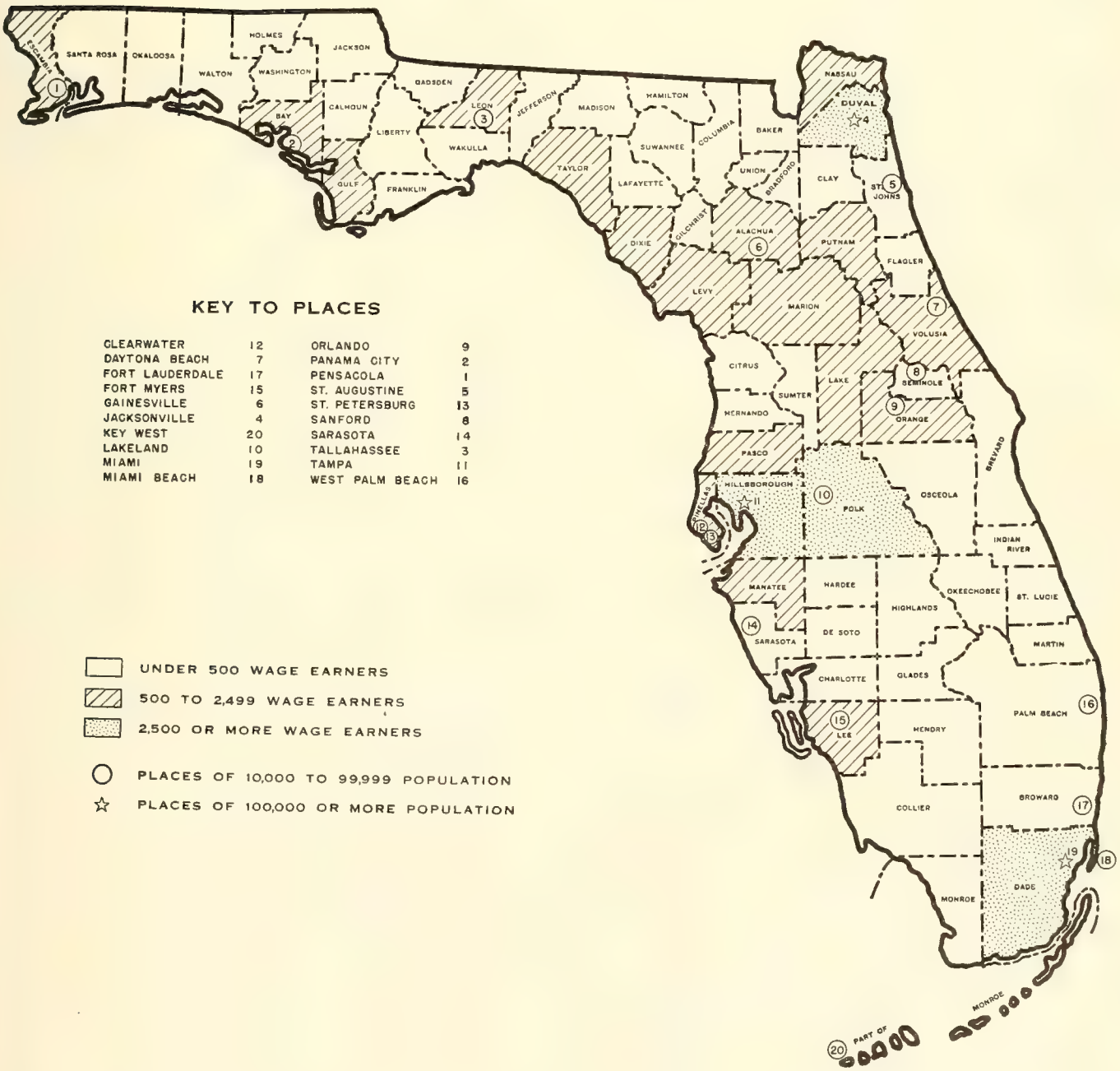
[In order to avoid disclosing data for individual establishments, wage-earner figures for industries represented by fewer than three establishments are withheld]

Group No.[1]	TITLE	Number of establishments	Wage earners
	DISTRICT OF COLUMBIA		
1	Baking powder, yeast, and other leavening compounds	1	....
	Candy and other confectionery products	6	119
	Cheese	2	.....
	Cured fish	1	.....
	Flavoring extracts and flavoring sirups, not elsewhere classified	1	.....
	Flour and other grain-mill products	1	.....
	Food preparations, not elsewhere classified	3	54
	Macaroni, spaghetti, vermicelli, and noodles	1	.....
	Malt liquors	1	.....
	Meat packing, wholesale	2	.....
	Prepared feeds (including mineral) for animals and fowls	1	.....
	Salad dressings	1	..
4	Corsets and allied garments	1	.
	Men's and boys' suits, coats, and overcoats (except work clothing) — made in inside factories or by jobbers engaging contractors	1	.....
	Miscellaneous fabricated textile products not elsewhere classified	1	.....
	Women's and misses' dresses (except house dresses) — made in inside factories or by jobbers engaging contractors	1	.....
6	Partitions, shelving, cabinet work, and office and store fixtures	1	.....
	Window shades	3	12
7	Converted paper products not elsewhere classified	1	.....
	Die-cut paper and paperboard, and converted cardboard	1	.....
	Envelopes	1	.....
	Fiber cans, tubes, and similar products	1	.....
	Paper and paperboard mills	1	.....
	Paperboard containers and boxes not elsewhere classified	2	.....
8	Electrotyping and stereotyping, not done in printing establishments	3	29
	DISTRICT OF COLUMBIA—Continued		
9	Chemicals not elsewhere classified	1	.....
	Grease and tallow (except lubricating greases)	1	.....
	Printing ink	1	.....
10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	1	.....
12	Suitcases, brief cases, bags, trunks, and other luggage	1	.....
13	Brick and hollow structural tile	1	.....
	Clay products (except pottery) not elsewhere classified	2	.....
	Mineral wool	1	.....
	Mirrors and other glass products made of purchased glass	1	.....
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	2	.....
	Pottery products not elsewhere classified	1	.....
	Statuary and art goods (except stone and concrete)—factory production	2	.....
15	Sheet-metal work not specifically classified	2	.....
16	Batteries, storage and primary (dry and wet)	1	.....
	Communication equipment	1	.....
	Electrical products not elsewhere classified	1	.....
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	1	.....
17	Machine-shop products, not elsewhere classified	2	.....
	Printing-trades machinery and equipment	1	.....
	Scales and balances	1	.....
18	Motor vehicles, motor-vehicle bodies, parts and accessories	2	.....
19	Boat building and boat repairing	1	.....
20	Models and patterns (except paper patterns)	1	.....
	Professional and scientific instruments (except surgical and dental)	2	.....
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	4	31

[1] For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and of industry groups, sec. 27.

FLORIDA

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939



Prepared by the Bureau of the Census, Department of Commerce

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FLORIDA

Table 1.—SUMMARY FOR THE STATE: 1939, 1937, AND 1929

CENSUS YEAR	Number of establishments	Proprietors and firm members	Number of persons employed in manufacturing [1]	Salaries and wages [1]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2]	Value of products [2]	Value added by manufacture [3]
1939	2,083	1,335	58,662	$49,659,322	$123,522,671	$241,538,534	$118,015,863
1937	1,835	1,116	58,902	48,504,325	113,137,975	217,044,982	103,907,007
1929	2,135	1,405	66,902	61,494,591	87,222,775	212,021,913	124,799,138

[1] Figure for 1939 does not include data for employees of manufacturing establishments (except salaried officers of corporations) who were engaged in distribution, construction, and other nonmanufacturing work. For detail, see table 8. It is not known to what extent data for such nonmanufacturing employees were included in figures reported for earlier years. See General Explanations—Persons engaged—general classification.

[2] The aggregates for cost of materials, etc., and value of products include large amounts of duplication due to the use of the products of some industries as materials by others. See General Explanations—Duplication in cost of materials and value of products.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See General Explanations—Value added by manufacture.

Table 2.—SUMMARY FOR COUNTIES AND PLACES: 1939

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2] [3]	Value of products [2] [3]	Value added by manufacture [4]
The State	1,897,414	[5] 2,083	52,732	$37,883,204	$123,522,671	$241,538,534	$118,015,863
COUNTIES [5]							
Alachua	38,607	54	820	406,168	1,934,648	3,168,143	1,233,495
Baker	6,510	10	79	29,475	229,430	322,445	93,015
Bay [6]	20,686	22	1,268				
Bradford	8,717	12	48	15,694	99,093	180,509	81,416
Brevard	16,142	15	88	71,590	119,530	329,357	209,827
Broward	39,794	31	275	228,896	785,808	1,594,307	808,499
Calhoun	8,218	8	216	106,897	196,062	437,870	241,808
Charlotte	3,663	4	14	11,144	20,570	58,495	37,925
Citrus	5,846	7	92	51,828	114,738	281,041	166,303
Clay	6,468	8	53	25,833	134,291	237,636	103,345
Collier	5,102	9	397	229,237	320,842	761,973	441,131
Columbia	16,859	18	273	117,555	247,129	521,629	274,500
Dade	267,739	321	3,545	3,631,492	9,469,530	22,995,202	13,525,672
De Soto	7,792	12	382	210,389	910,907	1,441,694	530,787
Dixie [6]	7,018	8	1,529				
Duval	210,143	249	7,711	6,271,335	28,126,651	53,144,698	25,018,047
Escambia	74,667	76	2,166	1,540,952	5,589,772	11,023,148	5,433,376
Flagler	3,008	7	22	4,073	64,478	92,786	28,308
Franklin	5,991	9	400	248,544	199,728	674,974	475,246
Gadsden	31,450	24	479	195,856	685,756	1,432,113	746,357
Gilchrist	4,250	6	17	7,607	71,572	134,912	63,340
Glades [6]	2,745	2					
Gulf [6]	6,951	14	1,055				
Hamilton	9,778	15	298	160,720	464,596	853,992	389,396
Hardee	10,158	5	60	23,454	45,920	107,411	61,491
Hendry [6]	5,237	4	336				
Hernando	5,641	10	122	47,465	129,283	257,195	127,912
Highlands	9,246	13	301	178,690	441,893	944,980	503,087
Hillsborough	180,148	263	12,301	9,511,138	27,235,846	51,278,432	24,042,586
Holmes	15,447	13	331	135,135	291,746	511,239	219,493
Indian River	8,957	8	22	20,837	43,993	110,253	66,260
Jackson	34,428	12	190	67,642	378,230	674,694	296,464
Jefferson	12,032	12	181	81,892	206,078	426,708	220,630
Lafayette	4,405	3	41	14,258	46,948	75,491	28,543
Lake	27,255	30	881	471,766	871,721	1,923,138	1,051,417
Lee	17,488	16	536	280,789	243,492	929,655	686,163
Leon	31,646	30	769	456,451	1,089,243	2,464,202	1,374,959
Levy	12,550	27	749	386,079	452,274	1,380,533	928,259
Liberty	3,752	4	108	44,488	220,128	292,623	72,495
Madison	16,190	17	330	134,623	258,244	549,508	291,264
Manatee	26,098	22	827	415,771	1,305,366	2,467,234	1,161,868
Marion	31,243	39	735	382,112	1,208,161	2,446,929	1,238,768
Martin	6,295	8	61	32,398	40,847	135,146	94,299
Monroe	14,078	14	46	31,107	108,456	281,495	173,039
Nassau	10,826	21	515	386,846	1,098,353	2,093,949	995,596
Okaloosa	12,900	8	366	151,494	283,232	626,745	343,513
Okeechobee	3,000	3	31	7,095	32,393	51,111	18,718
Orange	70,074	71	1,124	842,257	2,964,323	5,991,166	3,026,843
Osceola	10,119	12	444	371,217	366,691	1,019,873	653,182
Palm Beach	79,989	64	430	455,606	1,077,494	2,835,201	1,757,707
Pasco	13,981	8	951	594,932	948,682	1,904,736	956,054
Pinellas	91,852	77	720	713,162	1,746,256	4,638,478	2,892,222
Polk	86,665	92	3,750	2,128,841	9,112,532	15,099,725	5,987,193
Putnam	18,698	26	850	526,915	825,209	2,589,462	1,764,253
St. Johns	20,012	16	138	121,249	315,813	656,902	341,089

See footnotes at end of table.

TABLE 2.—SUMMARY FOR COUNTIES AND PLACES: 1939—Continued

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
COUNTIES [5]—continued							
St. Lucie	11,871	16	231	$212,676	$669,551	$1,403,332	$733,781
Santa Rosa	16,085	10	142	83,716	238,085	392,807	154,722
Sarasota	16,106	24	125	99,937	201,247	558,909	357,662
Seminole	22,304	16	250	162,698	792,407	1,487,537	695,130
Sumter	11,041	11	239	98,328	276,178	548,998	272,820
Suwannee	17,073	17	118	60,222	219,007	414,203	195,196
Taylor	11,565	16	1,271	875,063	1,274,341	3,716,032	2,441,691
Union [6]	7,094	2					
Volusia	53,710	59	621	467,223	1,020,905	2,450,784	1,429,879
Wakulla	5,463	5	49	22,705	55,391	179,264	123,873
Walton	14,246	10	158	90,996	208,548	382,021	173,473
Washington	12,302	8	48	20,769	66,383	110,535	44,152
Undistributed [7]		52	4,194	3,107,877	15,326,650	25,442,974	10,116,324
PLACES HAVING 10,000 OR MORE INHABITANTS							
Clearwater	10,136	12	94	64,182	238,372	532,385	294,013
Daytona Beach	22,584	24	252	284,490	626,722	1,616,829	990,107
Fort Lauderdale	17,996	19	175	155,190	450,744	1,035,230	584,486
Fort Myers [8]	10,604	14	96				
Gainesville	13,757	21	289	179,911	1,183,486	1,756,470	572,984
Jacksonville	173,065	232	7,551	6,205,279	27,959,441	52,803,545	24,844,104
Key West	12,927	14	46	31,107	108,456	281,495	173,039
Lakeland	22,068	25	402	298,419	1,192,307	2,458,543	1,266,236
Miami	172,172	241	2,756	2,917,874	7,316,381	18,543,629	11,227,248
Miami Beach	28,012	15	91	142,392	265,134	675,077	409,943
Orlando	36,736	44	462	446,862	1,751,336	3,735,453	1,984,117
Panama City [8]	11,610	14	179				
Pensacola	37,449	41	838	760,937	2,534,681	5,895,846	3,361,165
St. Augustine	12,090	10	104	100,515	227,828	521,347	293,519
St. Petersburg	60,812	50	499	542,930	1,187,932	3,330,288	2,142,356
Sanford	10,217	7	36	35,733	254,289	462,910	208,621
Sarasota	11,141	18	81	74,051	150,509	452,219	301,710
Tallahassee	16,240	20	582	382,098	749,108	1,962,143	1,213,035
Tampa	108,391	221	11,148	8,723,574	22,829,422	44,482,856	21,653,434
West Palm Beach	33,693	39	311	351,287	884,604	2,248,699	1,364,095

[1] Not including salaried officers and employees nor nonmanufacturing wage earners. The figure for each county or place is an average of the numbers reported for the several months of the year. In calculating it, equal weight must be given to full-time and to part-time wage earners (not reported separately by the manufacturers), and for this reason it exceeds the number that would have been required to perform the work done in the industries if all wage earners had been continuously employed throughout the year. The quotient obtained by dividing the amount of wages by the average number of wage earners cannot, therefore, be accepted as representing the average wage received by full-time wage earners. Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several counties do not add exactly to the average for the State. In making comparisons between the figures for 1939 and those for earlier years, the possibility that the proportion of part-time employment varied from year to year should be taken into account.

[2] Profits and losses cannot be calculated from the census figures because no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, and advertising.

[3] See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

[5] For numbers of establishments by "Industry groups," see table 10.

[6] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Undistributed" figures.

[7] The "Undistributed" figure for number of establishments and a part of the "Undistributed" figure for number of wage earners are included above in the items for the respective counties. The sums of the figures in these two columns are, therefore, larger than the corresponding State totals.

[8] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments.

TABLE 3.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, BY SEX: 1939 AND 1929

[The 1939 questionnaire, for the first time, called for data on the *total* number of employees in manufacturing establishments, including those engaged wholly or chiefly in distribution, construction, and other nonmanufacturing activities. It is not known to what extent data for such employees were included in the figures reported for earlier years. This table presents detailed figures for employees receiving pay at any time within the *normal* pay-roll period ended nearest Oct. 14, 1939, and for such employees on the pay roll on Dec. 14, 1929, or on the nearest *representative* date. The total for "Wage earners engaged in manufacturing" is not identical with the average for the year (given in other tables), and differs from the number reported for October 1939 or for December 1929, because for both years some manufacturers gave wage-earner figures for months other than those specified. See GENERAL EXPLANATIONS—Persons engaged—general classification]

CLASS AND SEX	1939 (Oct. 14) [1]	1929 (Dec. 14) [1]
All classes, aggregate [2]	71,561	66,768
Male	54,871	57,502
Female	16,690	9,266
Salaried officers and employees, total	11,822	5,964
Male	10,098	5,080
Female	1,724	884
Salaried officers of corporations, total	1,188	1,055
Male	1,104	978
Female	84	77
All other employees (except wage earners in manufacturing), total	10,634	4,909
Male	8,994	4,102
Female	1,640	807

CLASS AND SEX	1939 (Oct. 14) [1]	1929 (Dec. 14) [1]
Salaried officers and employees—Continued.		
All other employees, etc.—Continued.		
Engaged in manufacturing:		
Male	3,712	
Female	1,030	
Engaged in distribution:		
Male	4,409	
Female	583	(3)
Engaged in construction:		
Male	541	
Engaged in other work:		
Male	332	
Female	27	
Wage earners engaged in manufacturing, total	59,739	60,804
Male	44,773	52,422
Female	14,966	8,382

[1] See headnote.

[2] Figures do not include data for 1,335 proprietors and firm members for 1939 and 1,405 for 1929, which were not reported by sex for 1939.

[3] No data.

TABLE 4.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS: 1939, 1937, AND 1929

[The figures for 1939 relate to wage earners engaged in manufacturing only. It is not known to what extent the figures for earlier years include data for nonmanufacturing wage earners. See headnote to table 3]

CENSUS YEAR	Average number employed during year [1]	NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH—											
		January	February	March	April	May	June	July	August	September	October	November	December
1939	52,732	54,435	54,855	56,227	54,791	51,491	49,474	47,610	48,005	49,772	51,860	55,160	59,109
1937	52,005	56,814	57,065	57,454	54,736	52,589	48,995	46,482	47,028	48,309	49,010	51,172	54,410
1929	60,938	60,011	60,604	61,277	60,249	59,447	58,364	58,668	59,114	60,770	63,007	65,001	64,746

[1] See GENERAL EXPLANATIONS—Wage earners and wages.

TABLE 5.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY NUMBER OF WAGE EARNERS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS	VALUE ADDED BY MANUFACTURE [2]
	1939	1929	1939	1929	1939	1939
All establishments	2,083	2,135	52,732	60,938	$241,538,534	$118,015,863
No wage earners	45	24			535,138	323,242
1 to 5	1,052	1,076	2,708	5,205	22,731,309	11,839,364
6 to 20	571	499	6,096	5,589	38,621,794	17,758,764
21 to 50	207	325	6,526	10,829	32,903,042	14,864,135
51 to 100	106	100	7,498	7,138	37,313,661	17,474,478
101 to 250	60	70	9,235	10,758	45,479,795	22,826,475
251 to 500	30	28	10,678	9,460	28,623,386	14,060,879
501 to 1,000	11	9	[3] 9,991	11,959	35,330,409	18,868,526
1,001 to 2,500	1	4				

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Combined to avoid disclosing data for individual establishments.

TABLE 6.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY VALUE OF PRODUCTS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
All establishments	2,083	2,135	52,732	60,938	$241,538,534	$212,021,913	$118,015,863	$124,799,138
$5,000 to $19,999	848	940	2,853	5,561	9,649,229	11,047,403	5,311,558	7,246,586
$20,000 to $49,999	558	613	4,535	9,429	17,477,801	19,153,657	9,712,933	12,347,274
$50,000 to $99,999	289	234	5,394	5,341	20,858,074	15,940,650	10,918,153	9,940,090
$100,000 to $249,999	201	185	7,376	8,947	31,154,613	29,734,299	14,968,176	18,184,268
$250,000 to $499,999	88	83	7,425	7,391	30,516,492	29,212,039	15,279,765	16,783,241
$500,000 to $999,999	61	50	11,158	10,064	44,283,839	36,241,969	21,181,598	21,104,840
$1,000,000 to $2,499,999	29	23	8,208	7,767	45,040,399	33,320,932	21,567,341	19,491,961
$2,500,000 to $4,999,999	7	4	[3] 5,783	2,998	[3] 42,558,087	13,250,024	[3] 19,076,339	7,026,816
$5,000,000 and over	2	3		3,440		24,120,940		12,674,062

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Combined to avoid disclosing data for individual establishments.

TABLE 7.—ESTABLISHMENTS CLASSIFIED AS UNDER CORPORATE OR OTHER FORM OF OWNERSHIP (OR CONTROL) AND AS UNDER CENTRAL-ADMINISTRATIVE-OFFICE OR INDEPENDENT OPERATION: 1939 AND 1929

TYPE OF OWNERSHIP OR CONTROL, AND OF OPERATION	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
Total	2,083	2,135	52,732	60,938	$241,538,534	$212,021,913	$118,015,863	$124,799,138
TYPE OF OPERATION								
1939 [3]								
Corporate ownership or control:								
Central-administrative-office (plural-unit)	398	(3)	20,254	(3)	114,213,303	(3)	52,088,769	(3)
Independent (single-unit)	687	(3)	21,473	(3)	93,125,279	(3)	48,297,459	(3)
Noncorporate ownership:								
Central-administrative-office (plural-unit)	69	(3)	2,534	(3)	6,760,627	(3)	3,622,250	(3)
Independent (single-unit)	929	(3)	8,471	(3)	27,439,325	(3)	14,007,385	(3)
1939 AND 1929 [3]								
Central-administrative-office (plural-unit), corporate and noncorporate	467	279	22,788	20,050	120,973,930	85,505,170	55,711,019	46,669,545
Independent (single-unit), corporate and noncorporate	1,616	1,856	29,944	40,888	120,564,604	126,516,743	62,304,844	78,129,593
TYPE OF OWNERSHIP OR CONTROL								
Corporate	1,085	878	41,727	42,219	207,338,582	175,227,702	100,386,228	101,698,283
Noncorporate, total	998	1,257	11,005	18,719	34,199,952	36,794,211	17,629,635	23,100,855
Individual	706	(4)	5,605	(4)	17,273,575	(4)	9,124,305	(4)
Partnership	279	(4)	4,453	(4)	13,787,273	(4)	7,225,035	(4)
Cooperative	11	[5]	947	----	3,139,104	----	1,280,295	----
Other	2							

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Because of changes in the questionnaire, no comparable figures for 1929 can be given for the first section of this table. For this reason, the items have been regrouped under "1939 and 1929" to present comparable figures so far as this can be done.
[4] No data.
[5] Figures for 1939 combined to avoid disclosing data for individual establishments; no data for 1929.

TABLE 8.—GENERAL STATISTICS FOR THE

[This table presents separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments, given, however, reported larger numbers of wage earners or larger

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [3]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
1		All industries, total	2,083	1,335	64,554	1,188	4,742	52,732	4,992	541	359
2	17	Agricultural machinery (except tractors)	3	2	16	2	2	9	3		
3	18	Automobile trailers (for attachment to passenger cars)	3	2	12	1	3	7	1		
4	6	Baskets for fruits and vegetables	7	4	356	6	10	336	4		
5	16	Batteries, storage and primary (dry and wet)	6	5	33	1	5	24	3		
6	3	Batting, padding, and wadding; upholstery filling	6	3	100	2	9	84	5		
7	19	Boat building and boat repairing	20	16	203	7	15	177	4		
8	8	Bookbinding and related industries	4	4	24		4	18	2		
9	8	Books: printing without publishing	3		30	1	5	24			
10	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	181	177	2,956	43	177	2,461	242	11	22
11	13	Brick and hollow structural tile	3	4	165	2	3	160			
12	20	Brooms	4	3	135	3	4	126	2		
13	1	Candy and other confectionery products	9	10	97	2	10	78	7		
14	1	Canned and dried fruits and vegetables (including canned soups)	50	31	4,845	38	178	4,333	144	84	68
15	1	Canned fish, crustacea, and mollusks	4	1	162	4	3	154	1		
16	4	Canvas products (except bags)	7		88	12	7	48	21		
17	6	Caskets, coffins, burial cases, and other morticians' goods	9	4	106	5	9	77	13		2
18	9	Chemicals not elsewhere classified	5	1	126		14	106	3	2	1
19	6	Cigar boxes: wooden, part wooden	5		718	13	12	688	4	1	
20	2	Cigars	45	38	10,246	42	317	9,729	141	1	16
21	9	Cleaning and polishing preparations, blackings, and dressings	4	2	18	3		10	5		
22	4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	4	4	49	2	3	39	4		1
23	9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	5		48		7	38	3		
24	13	Concrete products	63	46	826	33	66	658	66	3	
25	6	Cooperage	14	13	110	5	12	84	9		
26	9	Drugs and medicines (including drug grinding)	5	1	64	4	10	22	28		
27	15	Electroplating, plating, and polishing	3	5	11			10	1		
28	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	8	6	128	11	23	90	4		
29	20	Feathers, plumes, and artificial flowers	4	5	44	2	1	36	5		
30	9	Fertilizers	58	8	1,845	56	163	1,356	245	17	8
31	9	Fish and other marine oils, cake, and meal	4	1	72	2	8	59	1	2	
32	1	Flavoring extracts and flavoring sirups, not elsewhere classified	5	2	35	4	7	20	4		
33	1	Food preparations, not elsewhere classified	10	13	59		4	53	2		
34	8	General commercial (job) printing	112	95	817	50	98	616	53		
35	14	Gray-iron and semisteel castings	9	6	110	6	4	99	1		
36	9	Gum naval stores (processing but not gathering or warehousing)	189	162	548	34	208	278	17	11	
37	3	Hosiery—full-fashioned	4		219	7	10	202			
38	6	Household furniture, except upholstered	19	9	460	18	28	379	35		
39	1	Ice cream and ices	44	16	761	33	78	260	324	12	54
40	1	Ice, manufactured	149	41	1,669	55	127	554	910	14	9
41	9	Insecticides, fungicides, and related industrial and household chemical compounds	15	3	191	14	19	109	49		
42	13	Lime	9	4	244	10	18	209	7		
43	5	Logging camps and logging contractors (not operating sawmills)	26	26	977		19	952	6		
44	1	Macaroni, spaghetti, vermicelli, and noodles	3	4	26	1	2	15	8		
45	8	Machine and hand typesetting (including advertisement typesetting)	4	4	18		2	15	1		
46	17	Machine-shop products, not elsewhere classified	8	7	149	11	13	99	26		
47	17	Machine-shop repairs	27	26	243	14	22	203	4		
48	1	Malt liquors	7		474	6	32	205	211		20
49	6	Mattresses and bedsprings	24	20	324	10	38	228	48		
50	1	Meat packing, wholesale	12	3	591	14	45	313	212	2	5
51	13	Minerals and earths, ground or otherwise treated	3		83	3	6	72	2		
52	13	Mirrors and other glass products made of purchased glass	4		22	3	5	14			
53	20	Miscellaneous fabricated products not elsewhere classified	6	2	243	7	12	219	3	2	
54	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	8	2	87	9	9	62	6	1	
55	18	Motor vehicles, motor-vehicle bodies, parts and accessories	3		59	5	2	48	4		
56	8	Newspapers: publishing and printing	116	65	3,024	84	913	1,398	629		
57	8	Newspapers: publishing without printing	6	5	19	1	14	1	3		
58	1	Nonalcoholic beverages	122	76	1,404	84	112	494	688	3	23
59	9	Paints, varnishes, and lacquers	14	2	74	10	17	30	12		5
60	7	Paper and paperboard mills	3		1,076	1	90	940	8	34	3
61	7	Paperboard containers and boxes not elsewhere classified	5		117	7	8	96	4	2	
62	6	Partitions, shelving, cabinet work, and office and store fixtures	5	4	32	1	4	27			
63	8	Periodicals: publishing and printing	7	2	101	3	28	62	8		
64	8	Periodicals: publishing without printing	15	3	62	9	42	2	9		
65	8	Photoengraving, not done in printing establishments (including preparation of plates)	9	4	61	14	9	36	2		
66	5	Planing mills not operated in conjunction with sawmills	74	48	1,292	67	123	934	125	4	39
67	14	Power boilers and associated products	3	2	106	4	14	84	4		
68	1	Prepared feeds (including mineral) for animals and fowls	15	5	181	12	20	142	5		2
69	1	Preserves, jams, jellies, and fruit butters	15	6	148	14	13	108	13		
70	7	Pulp mills	5		1,463		109	1,144		206	4
71	1	Salad dressings	5	3	108	2	17	79	10		

See footnotes at end of table.

STATE, BY INDUSTRIES: 1939

and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures are values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
56,911,235	4,568,069	7,208,049	37,883,204	6,474,075	436,384	341,454	123,522,671	117,373,804	2,842,674	2,300,374	1,005,819	241,538,534	118,015,863	1
17,988	3,284	3,231	10,373	1,100	----	----	25,048	24,434	----	614	----	62,979	37,931	2
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	----	(5)	----	(5)	(5)	3
189,474	15,150	14,338	157,586	2,400	----	----	181,783	179,610	200	1,473	500	448,419	266,636	4
31,407	2,600	5,818	21,274	1,715	----	----	67,907	62,393	1,497	4,017	----	169,387	101,480	5
69,316	12,910	9,160	42,020	5,226	----	----	247,688	244,038	1,546	2,104	----	344,001	96,313	6
223,253	27,029	21,193	172,231	2,800	----	----	241,411	233,874	150	4,437	2,950	664,509	423,098	7
16,895	----	2,649	12,846	1,400	----	----	9,807	9,039	154	414	200	56,999	47,192	8
33,926	2,180	9,229	22,517	----	----	----	24,519	22,816	171	1,532	----	82,055	57,536	9
3,201,451	172,226	290,150	2,499,211	205,509	17,491	16,864	6,466,186	6,113,954	179,666	172,366	200	14,164,075	7,697,889	10
(5)	(5)	(5)	(5)	----	----	----	(5)	(5)	(5)	----	----	(5)	(5)	11
89,516	6,000	4,680	75,710	3,126	----	----	119,918	118,736	100	1,082	----	334,756	214,838	12
57,746	2,500	13,214	34,741	7,291	----	----	196,671	190,213	2,919	3,539	----	353,914	157,243	13
2,640,877	142,050	171,753	2,131,636	107,877	38,117	49,444	9,833,805	9,666,136	97,939	69,355	375	15,187,750	5,353,945	14
56,202	15,000	5,211	34,431	1,560	----	----	141,599	132,302	8,199	1,098	----	264,270	122,671	15
104,310	29,738	9,558	48,670	16,344	----	----	122,576	120,867	500	1,209	----	250,635	128,059	16
127,509	13,998	13,160	64,190	34,484	----	1,677	164,382	160,516	1,250	2,616	----	351,747	187,365	17
137,311	----	29,216	96,001	9,979	2,000	115	317,113	278,059	31,863	7,191	----	771,830	454,717	18
542,236	107,195	22,810	400,564	10,140	1,527	----	459,477	448,721	2,810	7,946	----	1,207,861	748,384	19
7,942,574	283,171	577,938	6,759,596	294,951	1,560	25,358	11,994,980	11,699,963	7,210	55,921	231,886	26,239,778	14,244,798	20
18,944	9,532	----	4,736	4,676	----	----	34,985	34,436	385	164	----	74,037	39,052	21
50,903	4,615	2,184	40,202	3,562	----	340	82,930	81,585	379	966	----	185,734	102,804	22
64,585	----	17,642	40,820	6,123	----	----	105,865	80,033	105	25,727	----	414,234	308,369	23
735,896	81,722	88,314	487,942	71,259	6,659	----	1,533,066	1,492,205	17,564	23,199	98	3,145,557	1,612,491	24
47,102	6,050	6,798	32,495	1,759	----	----	210,692	210,120	306	266	----	289,216	78,524	25
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	26
14,403	----	----	13,363	1,040	----	----	5,554	3,830	310	1,414	----	36,000	30,446	27
183,895	42,851	42,581	86,738	11,725	----	----	383,890	374,666	1,934	4,091	3,199	668,922	285,032	28
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	29
1,895,150	215,133	305,859	934,807	412,407	20,110	6,834	10,511,131	10,323,521	48,041	139,569	----	15,034,507	4,523,376	30
56,435	2,400	13,296	38,339	2,000	400	----	194,767	187,183	6,288	1,296	----	301,340	106,573	31
52,647	24,025	10,248	11,539	6,835	----	----	79,485	76,593	2,104	788	----	217,352	137,867	32
25,113	----	3,000	19,622	2,491	----	----	96,751	91,729	3,960	1,062	----	175,996	79,245	33
1,083,551	151,816	129,880	735,804	66,051	----	----	1,411,869	1,337,503	4,694	38,672	31,000	3,613,227	2,201,358	34
127,103	15,142	6,672	102,016	3,273	----	----	81,645	67,330	10,653	3,662	----	266,636	184,991	35
296,293	56,902	118,475	103,972	14,846	2,098	----	3,876,319	3,820,251	50,422	1,769	3,877	4,922,154	1,045,835	36
184,527	18,381	20,587	145,559	----	----	----	244,305	237,126	1,280	5,147	752	481,512	237,207	37
468,905	72,828	54,825	287,909	53,343	----	----	529,635	516,682	483	11,915	555	1,292,589	762,954	38
938,955	152,810	103,552	206,193	405,468	15,904	55,028	1,938,137	1,779,391	23,351	135,395	----	3,430,262	1,492,125	39
1,840,709	156,903	196,699	522,960	933,496	11,285	19,366	1,061,111	233,614	219,367	608,130	----	5,304,504	4,243,393	40
227,760	39,850	38,969	72,248	76,693	----	----	594,036	578,082	3,664	9,648	2,642	1,065,728	471,692	41
170,579	24,600	23,916	111,823	10,240	----	----	108,714	60,941	38,137	6,986	2,650	442,172	333,458	42
462,013	----	33,472	421,941	6,600	----	----	520,632	386,549	46,800	----	87,283	1,207,079	686,447	43
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	44
18,366	----	872	15,994	1,500	----	----	4,162	2,859	94	1,159	50	37,154	32,992	45
214,022	37,437	20,032	109,113	47,440	----	----	409,886	403,845	2,412	3,629	----	792,574	382,688	46
294,312	46,569	26,497	216,797	4,449	----	----	245,450	229,989	4,305	8,650	2,506	759,854	514,404	47
605,418	34,218	68,507	240,418	241,665	----	20,610	748,161	677,272	29,874	41,015	----	2,701,738	1,953,577	48
271,188	19,598	61,487	146,823	43,280	----	----	587,988	578,648	600	8,740	----	1,152,274	564,286	49
653,205	49,250	70,856	288,338	235,701	4,160	4,900	5,653,061	5,583,653	26,909	42,499	----	6,631,757	978,696	50
45,493	7,650	8,079	29,224	540	----	----	23,963	11,371	5,655	2,913	4,024	106,199	82,236	51
18,864	2,560	3,660	12,644	----	----	----	20,874	19,900	450	524	----	46,733	25,859	52
152,617	11,520	15,268	121,658	2,650	1,521	----	205,995	182,310	18,703	4,982	----	403,822	197,827	53
87,067	19,480	12,980	47,858	4,749	2,000	----	61,650	53,793	128	7,729	----	180,271	118,621	54
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	55
5,188,714	554,869	1,492,384	2,134,853	1,006,608	----	----	2,438,447	2,163,719	32,902	155,278	86,548	11,967,913	9,529,466	56
22,218	868	15,619	105	5,626	----	----	22,093	1,000	----	47	21,046	73,281	51,188	57
1,840,211	351,909	175,313	388,960	889,279	2,227	32,523	4,121,191	3,994,926	27,810	92,799	5,656	9,270,755	5,149,564	58
88,915	24,223	19,708	29,444	13,380	----	2,160	286,952	284,026	352	2,574	----	503,033	216,081	59
1,485,453	22,500	196,555	1,186,856	10,171	66,000	3,371	7,335,010	6,854,666	462,512	17,832	----	14,125,130	6,790,120	60
82,299	7,611	12,262	53,724	7,173	1,529	----	469,734	467,574	----	2,160	----	700,499	230,765	61
50,858	2,104	7,141	41,613	----	----	----	52,713	51,692	----	1,021	----	130,430	77,717	62
117,566	4,100	28,764	74,562	10,140	----	----	42,142	38,392	742	3,008	----	311,357	269,215	63
85,635	28,950	44,144	800	11,741	----	----	89,684	5,772	100	260	83,552	275,017	185,333	64
149,924	49,972	20,007	76,181	3,764	----	----	43,348	34,130	2,090	3,629	3,499	292,745	249,397	65
1,428,521	217,848	181,850	834,195	165,439	4,600	24,589	2,401,626	2,334,855	2,931	63,740	100	4,518,789	2,117,163	66
121,045	17,162	20,402	75,811	7,670	----	----	128,910	120,431	6,866	1,613	----	333,975	205,065	67
144,813	22,515	27,212	91,791	3,123	----	172	894,572	849,025	17,527	28,020	----	1,326,496	431,924	68
121,342	25,803	12,035	67,784	15,720	----	----	271,714	262,952	5,166	3,596	----	455,178	183,464	69
1,534,882	----	175,836	1,271,007	----	81,761	6,278	5,152,352	4,601,655	530,202	20,495	----	9,145,526	3,993,174	70
77,870	2,950	19,659	38,483	16,778	----	----	545,512	542,328	2,132	1,052	----	806,161	260,649	71

TABLE 8.—GENERAL STATISTICS FOR THE

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [3]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
1	1	Sausages, prepared meats, and other meat products not made in meat-packing establishments	18	9	243	6	21	163	50	----	3
2	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and planing mills	196	171	13,935	90	602	12,992	159	35	57
3	15	Sheet-metal work not specifically classified	15	7	122	8	17	83	14	----	----
4	19	Shipbuilding and ship repairing	20	10	1,651	24	156	1,463	8	----	----
5	20	Signs, advertising displays, and advertising novelties	18	11	152	8	13	109	20	2	----
6	20	Sporting and athletic goods not elsewhere classified	5	1	65	7	7	44	7	----	----
7	14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	4	1	77	6	10	50	11	----	----
8	14	Tin cans and other tinware not elsewhere classified	5	1	212	----	45	157	8	2	----
9	6	Upholstered household furniture	3	----	100	5	4	79	12	----	----
10	6	Venetian blinds	7	4	145	8	17	99	11	----	10
11	6	Window shades	3	3	13	----	----	11	2	----	----
12	14	Wirework not elsewhere classified	3	1	33	5	1	27	----	----	----
13	4	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	5	2	66	7	5	51	3	----	----
14	6	Wooden boxes except cigar boxes	14	6	2,493	19	83	2,371	20	----	----
15	9	Wood naval stores	7	----	647	9	68	510	5	55	----
16	6	Wood preserving	6	----	424	3	32	378	6	----	5
17	6	Wood products not elsewhere classified	3	2	18	----	1	17	----	----	----
18	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	4	4	216	3	5	202	6	----	----
19		Other industries [6]	114	56	3,324	71	304	2,616	294	37	2
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]									
20	1	Food and kindred products	18	9	572	5	73	459	33	2	----
21	4	Apparel and other finished products made from fabrics and similar materials	11	11	466	7	24	424	10	----	1
22	6	Furniture and finished lumber products	10	5	191	8	10	159	14	----	----
23	8	Printing, publishing, and allied industries	5	3	36	4	4	24	3	----	1
24	9	Chemicals and allied products	14	3	195	7	26	122	39	1	----
25	12	Leather and leather products	3	1	42	4	6	21	11	----	----
26	13	Stone, clay, and glass products	9	6	906	2	63	726	83	32	----
27	15	Nonferrous metals and their products	6	2	31	5	----	23	3	----	----
28	16	Electrical machinery	3	2	12	1	3	7	1	----	----
29	17	Machinery (except electrical)	8	2	272	10	30	154	78	----	----
30	18	Automobiles and automobile equipment	6	2	71	6	5	55	5	----	----
31	20	Miscellaneous industries	10	8	68	7	3	53	5	----	----
32	10	Products of petroleum and coal	1	2	461	5	57	388	9	2	----
	14	Iron and steel and their products, except machinery	9								
	19	Transportation equipment except automobiles	1								

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.
[2] Figures do not include data for personnel of central-administrative offices.
[3] Each of the averages in the "Wage earners" column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
234,085	34,375	21,932	131,432	45,129	----------	1,217	1,843,240	1,810,295	11,965	20,322	658	2,177,270	334,030	1
8,590,459	478,170	930,818	6,793,018	261,808	73,599	53,046	8,755,617	8,206,962	118,505	25,922	404,228	24,005,674	15,250,057	2
151,384	27,233	19,287	82,127	22,737	----------	----------	579,953	576,121	291	3,541	----------	894,348	314,395	3
2,040,301	88,460	199,889	1,742,470	9,482	----------	----------	2,552,132	2,494,045	12,245	43,802	2,040	5,685,753	3,133,621	4
221,849	25,327	19,692	155,145	19,085	2,600	----------	154,093	145,662	1,857	4,072	2,502	508,237	354,144	5
56,031	17,359	5,519	27,521	5,632	----------	----------	49,785	48,529	160	1,096	----------	118,677	68,892	6
102,918	12,735	11,209	55,818	23,156	----------	----------	130,158	128,104	60	361	1,633	283,541	153,383	7
(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	8
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	----------	(5)	----------	(5)	(5)	9
145,190	20,606	19,113	76,826	20,281	----------	8,364	198,079	196,163	2	1,914	----------	416,586	218,507	10
(5)	----------	----------	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	11
24,078	5,200	1,040	17,838	----------	----------	----------	74,211	71,160	880	913	1,258	125,892	51,681	12
54,200	11,260	9,532	29,688	3,720	----------	----------	54,014	51,709	26	1,079	1,200	109,755	55,741	13
1,545,727	71,895	128,454	1,298,314	47,064	----------	----------	3,091,469	3,068,813	1,050	21,606	----------	6,185,762	3,094,293	14
679,866	29,360	124,537	476,214	10,467	39,288	----------	1,570,066	1,331,955	167,536	70,575	----------	3,337,557	1,767,491	15
365,339	16,279	51,405	275,737	13,610	----------	8,308	2,612,083	2,514,384	75,597	12,325	9,777	3,403,510	791,427	16
21,059	----------	1,925	19,134	----------	----------	----------	9,656	9,138	----------	518	----------	40,270	30,614	17
122,954	13,302	8,888	95,822	4,942	----------	----------	327,710	324,593	595	2,522	----------	454,542	126,832	18
3,227,518	244,251	497,403	2,006,439	438,587	39,948	890	15,042,826	14,366,347	455,042	214,062	7,375	23,218,776	8,175,950	19
518,009	27,440	125,726	326,258	36,585	2,000	----------	6,374,576	6,322,305	38,145	14,126	----------	8,166,214	1,791,638	20
246,114	24,180	20,128	191,270	10,286	----------	250	625,836	619,152	723	5,961	----------	1,062,682	436,846	21
179,517	16,485	12,918	123,329	26,785	----------	----------	273,280	267,790	376	5,114	----------	612,006	338,726	22
47,205	15,107	5,120	21,578	4,760	----------	640	46,740	44,684	204	952	900	119,981	73,241	23
220,585	38,490	35,171	92,909	53,322	693	----------	696,032	668,256	10,510	11,649	5,617	1,132,128	436,096	24
16,063	2,032	2,123	10,477	1,431	----------	----------	38,134	37,794	50	290	----------	74,877	36,743	25
847,609	3,680	118,202	548,977	142,186	34,564	----------	1,655,458	1,134,466	384,664	136,328	----------	3,983,272	2,327,814	26
27,263	6,432	----------	20,016	815	----------	----------	56,099	51,065	3,740	536	758	105,462	49,363	27
9,880	1,944	2,036	5,607	293	----------	----------	46,133	45,544	----------	489	100	74,490	28,357	28
374,858	47,929	51,813	156,688	118,428	----------	----------	469,672	458,453	2,644	8,575	----------	967,194	497,522	29
80,135	17,600	9,483	48,430	4,622	----------	----------	89,736	87,799	91	1,846	----------	194,038	104,302	30
73,578	28,922	2,849	30,217	11,590	----------	----------	103,751	100,042	2,902	807	----------	239,871	136,120	31
586,702	14,010	111,834	430,683	27,484	2,691	----------	4,567,379	4,528,997	10,993	27,389	----------	6,486,561	1,919,182	32

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[6] For numbers of establishments and of wage earners in individual industries, see table 11.

TABLE 9.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939

[This table presents, for each city in the State having 100,000 or more inhabitants, separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures are given, however, reported larger numbers of wage earners or larger values of products than some of those shown separately. No data for nonmanufacturing personnel, except salaried officers of corporations, are included in this table]

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
		JACKSONVILLE										
	All industries, total	232	99	200	797	7,551	$856,040	$1,381,232	$6,205,279	$27,959,441	$52,803,545	$24,844,104
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	21	14	8	46	703	35,270	83,444	722,520	1,854,773	4,207,830	2,353,057
1	Candy and other confectionery products	3	3		2	26		(4)	(4)	(4)	(4)	(4)
2	Cigars	4	2	7	69	2,468	(4)	(4)	(4)	(4)	(4)	(4)
9	Compressed and liquefied gases (not made in petroleum refineries or in natural-gasoline plants)	3			4	27		(4)	(4)	(4)	(4)	(4)
13	Concrete products	5	2	3	5	60	4,524	9,852	40,322	71,116	164,231	93,115
6	Cooperage	3	3	1	3	14	100	2,220	5,280	65,077	90,981	25,904
9	Drugs and medicines (including drug grinding)	3		4	9	17	(4)	(4)	(4)	(4)	(4)	(4)
9	Fertilizers	7		9	36	456	54,365	62,924	292,785	3,497,082	4,973,188	1,476,106
1	Food preparations, not elsewhere classified	3	2		1	16		(4)	(4)	(4)	(4)	(4)
8	General commercial (job) printing	28	27	8	32	165	21,309	39,333	190,321	263,738	794,825	531,087
1	Ice cream and ices	4		5	17	40	20,127	18,744	39,525	362,910	668,150	305,240
1	Ice, manufactured	7		3	15	56	12,472	22,269	45,508	99,954	548,122	448,168
9	Insecticides, fungicides, and related industrial and household chemical compounds	5	1	5	11	59	(4)	(4)	(4)	(4)	(4)	(4)
17	Machine-shop repairs	3	4	2	4	56	20,000	4,400	69,711	81,968	235,281	153,313
1	Meat packing, wholesale	3		4	11	147	(4)	(4)	(4)	(4)	(4)	(4)
8	Newspapers: publishing and printing	4		6	168	187	(4)	(4)	(4)	(4)	(4)	(4)
1	Nonalcoholic beverages	6	1	6	14	60	12,674	21,299	40,690	642,672	1,386,006	743,334
8	Periodicals: publishing without printing	5	1	6	11		20,850	13,475		32,033	109,497	77,464
5	Planing mills not operated in conjunction with sawmills	11	2	23	31	202	72,857	53,828	151,793	652,065	1,202,983	550,918
1	Prepared feeds (including mineral) for animals and fowls	3	1	4	6	53	9,920	9,137	26,659	224,785	346,872	122,087
5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	4	5	3	10	156	12,200	14,606	81,078	240,724	415,835	175,111
15	Sheet-metal work not specifically classified	6	1	7	8	49	24,400	8,232	41,664	311,502	495,557	184,055
19	Shipbuilding and ship repairing	3		9	28	263	(4)	(4)	(4)	(4)	(4)	(4)
20	Signs, advertising displays, and advertising novelties	5	2	2	3	25	4,133	2,267	28,638	38,819	122,704	83,885
	Other industries [5]	114	36	110	556	5,456	530,839	1,015,202	4,428,785	19,520,223	37,041,483	17,521,260
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	23	7	12	64	456	44,017	110,152	325,951	7,091,776	8,814,793	1,723,017
4	Apparel and other finished products made from fabrics and similar materials	5	5	6	8	144	20,827	10,914	73,655	377,553	503,361	125,808
6	Furniture and finished lumber products	12	2	10	41	434	61,485	64,044	320,953	1,421,424	2,184,610	763,186
8	Printing, publishing, and allied industries	14	9	10	178	236	53,625	316,119	388,819	573,719	2,252,486	1,678,767
9	Chemicals and allied products	21	3	13	71	347	57,843	124,951	277,304	2,226,377	3,689,340	1,462,963
14	Iron and steel and their products, except machinery	6	3	8	23	136	41,045	45,082	122,905	545,196	968,033	422,837
19	Transportation equipment except automobiles	6		9	37	459	37,700	72,502	485,742	600,833	1,347,971	747,138
20	Miscellaneous industries	5	3	5	6	185	16,400	5,279	114,060	193,198	531,054	337,856
2	Tobacco manufactures	4	2	7	69	2,468						
7	Paper and allied products	3		7	25	285						
13	Stone, clay, and glass products	4	1	1	23	118						
17	Machinery (except electrical)	4		11	4	75	197,897	266,159	2,319,396	6,490,147	16,749,835	10,259,688
3	Textile-mill products and other fiber manufactures	2										
10	Products of petroleum and coal	1										
15	Nonferrous metals and their products	2	1	11	7	113						
18	Automobiles and automobile equipment	2										

See footnotes at end of table.

TABLE 9.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
		MIAMI										
	All industries, total	241	117	191	570	2,756	$724,638	$883,742	$2,917,874	$7,316,381	$18,543,629	$11,227,248
19	Boat building and boat repairing	7	5	6	12	135	24,529	19,193	132,844	167,023	521,398	354,375
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	26	21	5	28	422	30,247	44,867	430,660	1,002,932	2,216,646	1,213,714
4	Canvas products (except bags)	5	-------	9	4	38	(4)	(4)	(4)	(4)	(4)	(4)
13	Concrete products	15	14	7	20	188	11,371	30,823	146,009	267,298	603,624	336,326
15	Electroplating, plating, and polishing	3	5	-------	-------	10	-------	-------	13,363	5,554	36,000	30,446
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	3	1	4	4	32	6,256	5,500	27,886	23,804	80,778	56,974
9	Fertilizers	3	-------	-------	8	31	-------	(4)	(4)	(4)	(4)	(4)
8	General commercial (job) printing	17	12	11	12	88	37,581	15,866	139,019	163,199	486,657	323,458
6	Household furniture, except upholstered	8	3	9	11	202	47,386	23,365	158,697	305,759	777,765	472,006
1	Ice cream and ices	8	-------	8	24	63	32,406	28,742	44,480	382,837	753,223	370,386
1	Ice, manufactured	10	1	6	6	50	19,400	11,500	55,930	148,066	797,515	649,449
17	Machine-shop repairs	6	4	5	4	45	9,605	4,556	54,256	44,808	163,257	118,449
6	Mattresses and bedsprings	8	5	6	26	116	10,443	45,289	71,861	291,501	588,532	297,031
8	Newspapers: publishing and printing	6	3	14	223	266	(4)	(4)	(4)	(4)	(4)	(4)
1	Nonalcoholic beverages	13	2	14	22	93	67,612	35,169	93,322	831,226	2,049,191	1,217,965
9	Paints, varnishes, and lacquers	6	1	8	7	12	16,403	8,436	13,399	158,679	289,552	130,873
8	Periodicals: publishing without printing	5	1	1	17	-------	3,600	17,203	-------	21,884	89,544	67,660
8	Photoengraving, not done in printing establishments (including preparation of plates)	3	-------	7	4	15	31,740	12,070	47,994	20,622	152,066	131,444
5	Planing mills not operated in conjunction with sawmills	12	5	10	21	160	37,779	26,578	153,321	706,248	1,099,994	393,746
1	Preserves, jams, jellies, and fruit butters	7	2	9	11	58	16,280	10,681	43,740	178,444	305,165	126,721
20	Signs, advertising displays, and advertising novelties	6	3	3	9	66	15,200	16,385	102,299	85,380	289,115	203,735
6	Venetian blinds	4	1	6	14	85	16,606	15,113	69,358	154,078	334,127	180,049
	Other industries [5]	74	31	66	318	914	290,194	512,406	1,119,436	2,357,039	6,909,480	4,552,441
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	7	3	1	11	63	7,200	19,521	53,903	498,435	736,703	238,268
4	Apparel and other finished products made from fabrics and similar materials	16	9	15	9	126	33,833	8,468	101,448	236,027	488,550	252,523
6	Furniture and finished lumber products	8	5	4	7	63	7,316	9,334	55,095	117,575	280,347	162,772
8	Printing, publishing, and allied industries	11	5	15	238	314	180,421	407,661	592,735	770,497	3,832,811	3,062,314
9	Chemicals and allied products	6	2	-------	10	39	-------	12,362	24,548	311,358	513,321	201,963
13	Stone, clay, and glass products	3	1	3	4	17	8,980	5,400	12,350	16,050	55,110	39,060
14	Iron and steel and their products, except machinery	5	2	9	9	64	11,255	13,162	77,788	112,361	303,247	190,886
15	Nonferrous metals and their products	3	2	-------	-------	6	-------	-------	8,518	11,978	33,243	21,265
20	Miscellaneous industries	6	1	7	5	45	17,932	5,958	28,905	66,632	147,141	80,509
17	Machinery (except electrical)	3	-------	3	3	27						
2	Tobacco manufactures	1										
7	Paper and allied products	1										
12	Leather and leather products	1	1	9	22	150	23,257	30,540	164,146	216,126	519,007	302,881
16	Electrical machinery	1										
19	Transportation equipment except automobiles	2										

See footnotes at end of table.

TABLE 9.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Code	Industry	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electricenergy, and contract work	Value of products	Value added by manufacture [3]
		TAMPA										
	All industries, total	221	163	143	694	11,148	$718,671	$1,169,004	$8,723,574	$22,829,422	$44,482,856	$21,653,434
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	35	56		26	321		35,588	300,212	752,962	1,639,498	886,536
1	Canned and dried fruits and vegetables (including canned soups)	5	3	3	33	662	12,700	35,346	402,808	1,936,777	3,033,391	1,096,614
6	Caskets, coffins, burial cases, and other morticians' goods	3	1	2		21	(4)		(4)	(4)	(4)	(4)
2	Cigars	35	32	33	226	6,931	(4)	(4)	(4)	(4)	(4)	(4)
14	Concrete products	5	3		5	48		4,501	32,884	95,154	170,436	75,282
9	Fertilizers	3		9	15	74	(4)	(4)	(4)	(4)	(4)	(4)
8	General commercial (job) printing	20	14	9	21	174	33,319	33,380	167,093	509,446	1,076,609	567,163
1	Ice cream and ices	5		3	6	37	48,787	9,436	25,514	405,887	631,731	225,844
1	Ice, manufactured	5	4	4	2	24	14,350	4,550	20,947	64,299	294,619	230,320
1	Macaroni, spaghetti, vermicelli, and noodles	3	4	1	2	15	(4)	(4)	(4)	(4)	(4)	(4)
6	Mattresses and bedsprings	3	2	1	2	10	3,600	2,080	10,091	34,872	58,975	24,103
8	Newspapers: publishing and printing	5	3	6	80	161	(4)	(4)	(4)	(4)	(4)	(4)
1	Nonalcoholic beverages	12	5	16	8	66	74,630	5,780	46,158	454,289	986,821	532,532
7	Paperboard containers and boxes not elsewhere classified	3			6	56		(4)	(4)	(4)	(4)	(4)
5	Planing mills not operated in conjunction with sawmills	3	1	3	4	23	9,620	5,798	27,149	57,483	131,433	73,950
1	Prepared feeds (including mineral) for animals and fowls	3			3	18		4,310	19,275	301,817	371,839	70,022
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	5	1	3	5	58	28,975	6,010	52,527	652,915	763,017	110,102
19	Shipbuilding and ship repairing	4	4	6	108	1,008	(4)	(4)	(4)	(4)	(4)	(4)
20	Signs, advertising displays, and advertising novelties	3	3		1	5	(4)	(4)	(4)	(4)	(4)	(4)
14	Tin cans and other tinware not elsewhere classified	3			43	137		(4)	(4)	(4)	(4)	(4)
	Other industries [5]	120	74	101	579	9,707	492,690	1,022,225	7,618,916	17,563,521	35,324,487	17,760,966
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	13	10	5	19	133	23,720	25,371	134,814	613,160	1,530,633	917,473
4	Apparel and other finished products made from fabrics and similar materials	5	5	4	9	181	15,702	14,720	95,703	326,006	471,904	145,898
6	Furniture and finished lumber products	13	2	17	9	681	86,642	17,716	413,933	533,600	1,361,080	827,480
8	Printing, publishing, and allied industries	11	7	9	97	165	82,803	256,204	282,990	353,652	1,719,790	1,366,138
9	Chemicals and allied products	9	2	9	21	104	40,983	38,405	76,446	948,226	1,343,699	395,473
14	Iron and steel and their products, except machinery	8		9	51	169	27,442	95,963	168,615	4,126,243	5,655,158	1,528,915
20	Miscellaneous industries	6	5	3	2	26	4,000	1,566	22,442	42,555	100,647	58,092
2	Tobacco manufactures	35	32	33	226	6,931						
7	Paper and allied products	3			6	56						
13	Stone, clay, and glass products	3	1	3	19	171						
16	Electrical machinery	3	2	1	3	15						
19	Transportation equipment except automobiles	4	4	6	108	1,008	211,398	572,280	6,423,973	10,620,079	23,141,576	12,521,497
5	Lumber and timber basic products	1										
15	Nonferrous metals and their products	2										
17	Machinery (except electrical)	2	4	2	9	67						
18	Automobiles and automobile equipment	2										

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] Figures do not include data for personnel of central-administrative offices.

[2] Each of the averages in the "Wage earners" column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

[4] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.

[5] For numbers of establishments and of wage earners in individual industries, see table 11.

TABLE 10.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939

COUNTY	Total	INDUSTRY GROUP																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
The State	2,083	664	45	10	31	296	123	13	281	315	1		3	96	36	24	9	46	6	41	43
Alachua	54	13		2		11	3		1	18				4	2						
Baker	10					3			1	6											
Bay	22	6		1		1	1	2	3	6				1							1
Bradford	12	3				2			1	6											
Brevard	15	7				4			3									1			
Broward	31	12		1		4	1		6	2				1		1		1		2	
Calhoun	8	2				5				1											
Charlotte	4	2							1											1	
Citrus	7	2				1			1	2				1							
Clay	8	2		1						5											
Collier	9	3				6															
Columbia	18	2				7			2	7											
Dade	321	95	1		19	18	31	1	49	18			1	34	12	7	2	9	1	10	13
De Soto	12	6				1	2		1	2											
Dixie	8	2				3	1			2											
Duval	249	68	4	2	5	18	16	3	48	34	1			10	6	8		7	3	6	10
Escambia	76	24				14	6		4	18			1	4	2			1		2	
Flagler	7						4			3											
Franklin	9	4				1			1	3											
Gadsden	24	10	2			4	3		1	3				1							
Gilchrist	6	2				1				3											
Glades	2	1							1												
Gulf	14	1				2		2	1	8											
Hamilton	15	1				3	1		1	9											
Hardee	5	3					1		1												
Hendry	4	2				2															
Hernando	10	2				7				1											
Highlands	13	4				2	1		4	2											
Hillsborough	263	99	35		5	14	17	3	34	16				10	8	2	5	2	2	4	7
Holmes	13	1				7				5											
Indian River	8	2				3			2									1			
Jackson	12	5				3			1	3											
Jefferson	12	3				5			1	3											
Lafayette	3					1				2											
Lake	30	11				6	2		6	2				1		1		1			
Lee	16	7				3	1		4											1	
Leon	30	9				6	2		4	6				2	1						
Levy	27	4				10	1		1	8			1	1							1
Liberty	4					2				2											
Madison	17	2				6			1	8											
Manatee	22	12				2			2	3				1				1		1	
Marion	39	10		1		7			3	9				8				1			
Martin	8	2				3			1									1		1	
Monroe	14	10				1			1									1		1	
Nassau	21	4				2	1	2	3	8										1	
Okaloosa	8	1			1	3				2										1	
Okeechobee	3	2								1											
Orange	71	21				5	5		18	14				2	1	2		2			1
Osceola	12	3				4			2	3											
Palm Beach	64	24				9	6		14					2	2		1	2		1	3
Pasco	8	2				3	1		1	1											
Pinellas	77	31				8	4		14	1				4	1	1		6		4	3
Polk	92	40	2			9	3		13	15				3	1	1	1	1			3
Putman	26	6		1		7	4		2	5								1			
St. Johns	16	7				1			2	4								1		1	
St. Lucie	16	5				4	1		1	2								2		1	
Santa Rosa	10	2				2	1		1	4											
Sarasota	24	11	1			1			2	2				4		1		1		1	
Seminole	16	5				3	1		3	3								1			
Sumter	11	5		1		2				3											
Suwannee	17	5			1	3	1		2	5											
Taylor	16	3				8			1	4											
Union	2									2											
Volusia	59	24				15			9	4				2				2		2	1
Wakulla	5	1				2				2											
Walton	10	4				3			1	2											
Washington	8	2				3	1			2											

TABLE 11.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE AND FOR JACKSONVILLE, MIAMI, AND TAMPA: 1939

[In order to avoid disclosing data for individual establishments, wage-earner figures for industries represented by fewer than three establishments are withheld]

Group No.[1]	TITLE	Number of establishments	Wage earners
	STATE OF FLORIDA		
1	Biscuit, crackers, and pretzels	2	.....
	Blended and prepared flour made from purchased flour	2	.....
	Cane sugar—except refineries	1	.....
	Condensed and evaporated milk	1	.....
	Cooking and other edible fats and oils, not elsewhere classified	2	.....
	Flour and other grain-mill products	2	.....
	Macaroni, spaghetti, vermicelli, and noodles	3	15
	Poultry dressing and packing, wholesale	2	.....
	Quick-frozen foods	1	.....
	Wines	2	.....
4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	2	.....
	Housefurnishings (except curtains, draperies, and bedspreads)	1	.....
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	1	.....
	Millinery	1	.....
	Textile bags—not made in textile mills	2	.....
	Trousers (semidress), wash suits, and washable service apparel	2	.....
	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	2	.....
6	Matches	1	.....
	Office furniture	1	.....
	Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets	1	.....
	Upholstered household furniture	3	79
	Window and door screens and weather strip	1	.....
	Window shades	3	11
8	Books: publishing without printing	1	.....
	Electrotyping and stereotyping, not made in printing establishments	1	.....
	Engraving (steel, copperplate, and wood); plate printing	2	.....
	Greeting cards (except hand-painted)	1	.....
9	Coal-tar products, crude and intermediate	1	.....
	Cottonseed oil, cake, meal, and linters	1	.....
	Drugs and medicines (including drug grinding)	5	22
	Grease and tallow (except lubricating greases)	1	.....
	Lubricating oils and greases—not made in petroleum refineries	1	.....
	Perfumes, cosmetics, and other toilet preparations	2	.....
	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	2	.....
	Vegetable and animal oils, not elsewhere classified	1	.....
10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	1	.....
12	Footwear (except rubber	2	.....
	Women's pocketbooks, handbags, and purses	1	.....
13	Brick and hollow structural tile	3	160
	Cement	1	.....
	Glass containers	1	.....
	Gypsum products	1	.....
	Statuary and art goods (except stone and concrete)—factory production	1	.....
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	2	.....
14	Heating and cooking apparatus, except electric, not elsewhere classified	1	.....
	Stamped and pressed metal products (except automobile stampings	1	.....
	Steel castings	1	.....
	Tin cans and other tinware not elsewhere classified	5	157
	Tools (except edge tools, machine tools, files, and saws)	1	.....
15	Jewelry (precious metals)	1	.....
	Nonferrous-metal foundries (except aluminum)	1	.....
	Nonferrous-metal products not elsewhere classified	2	.....
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	2	.....
16	Radios, radio tubes, and phonographs	2	.....
	X-ray and therapeutic apparatus and electronic tubes	1	.....
17	Blowers; exhaust and ventilating fans	1	.....
	Food-products machinery	2	.....
	Industrial machinery not elsewhere classified	1	.....
	Office and store machines not elsewhere classified	1	.....
	Pumping equipment and air compressors	2	.....
	Woodworking machinery	1	.....
18	Automobile trailers (for attachment to passenger cars)	3	7
	Motor vehicles, motor-vehicle bodies, parts and accessories	3	48
19	Cars and car equipment—railroad, street, and rapid-transit	1	.....
	STATE OF FLORIDA—Continued		
20	Brushes	1	.....
	Costume jewelry and costume novelties (jewelry other than fine jewelry)	1	.....
	Feathers, plumes, and artificial flowers	4	36
	Hand stamps, stencils, and brands	2	.....
	Surgical and medical instruments	1	.....
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	1	.....
	CITY OF JACKSONVILLE		
1	Blended and prepared flour made from purchased flour	1	.....
	Candy and other confectionery products	3	26
	Cooking and other edible fats and oils, not elsewhere classified	2	.....
	Flavoring extracts and flavoring sirups, not elsewhere classified	1	.....
	Flour and other grain-mill products	1	.....
	Food preparations, not elsewhere classified	3	16
	Malt liquors	1	.....
	Meat packing, wholesale	3	147
	Poultry dressing and packing, wholesale	2	.....
	Salad dressings	4	6
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	2	.....
2	Cigars	4	2,468
3	Batting, padding, and wadding; upholstery filling	1	.....
	Hosiery—full-fashioned	1	.....
4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	1	.....
	Housefurnishings (except curtains, draperies, and bedspreads)	1	.....
	Textile bags—not made in textile mills	2	.....
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	1	.....
6	Baskets for fruits and vegetables	1	.....
	Caskets, coffins, burial cases, and other morticians' goods	2	.....
	Cigar boxes: wooden, part wooden	1	.....
	Matches	1	.....
	Mattresses and bedsprings	2	.....
	Partitions, shelving, cabinet work, and office and store fixtures	1	.....
	Window shades	2	.....
	Wood preserving	2	.....
7	Paper and paperboard mills	1	.....
	Paperboard containers and boxes not elsewhere classified	1	.....
	Pulp mills	1	.....
8	Bookbinding and related industries	3	17
	Books: publishing without printing	1	.....
	Electrotyping and stereotyping, not done in printing establishments	1	.....
	Machine and hand typesetting (including advertisement typesetting)	2	.....
	Newspapers: publishing and printing	4	187
	Periodicals: publishing and printing	1	.....
	Photoengraving, not done in printing establishments (including preparation of plates)	2	.....
9	Chemicals not elsewhere classified	1	.....
	Cleaning and polishing preparations, blackings, and dressings	1	.....
	Coal-tar products, crude and intermediate	1	.....
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	3	27
	Drugs and medicines (including drug grinding)	3	17
	Gum naval stores (processing but not gathering or warehousing)	2	.....
	Insecticides, fungicides, and related industrial and household chemical compounds	5	59
	Paints, varnishes, and lacquers	1	.....
	Perfumes, cosmetics, and other toilet preparations	1	.....
	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	1	.....
	Wood naval stores	2	.....
10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	1	.....
13	Glass containers	1	.....
	Gypsum products	1	.....
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	1	.....
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	1	.....
14	Fabricated structural steel and ornamental metalwork, made in plants not operated in connection with rolling mills	1	.....
	Gray-iron and semisteel castings	1	.....
	Power boilers and associated products	1	.....

See footnote at end of table.

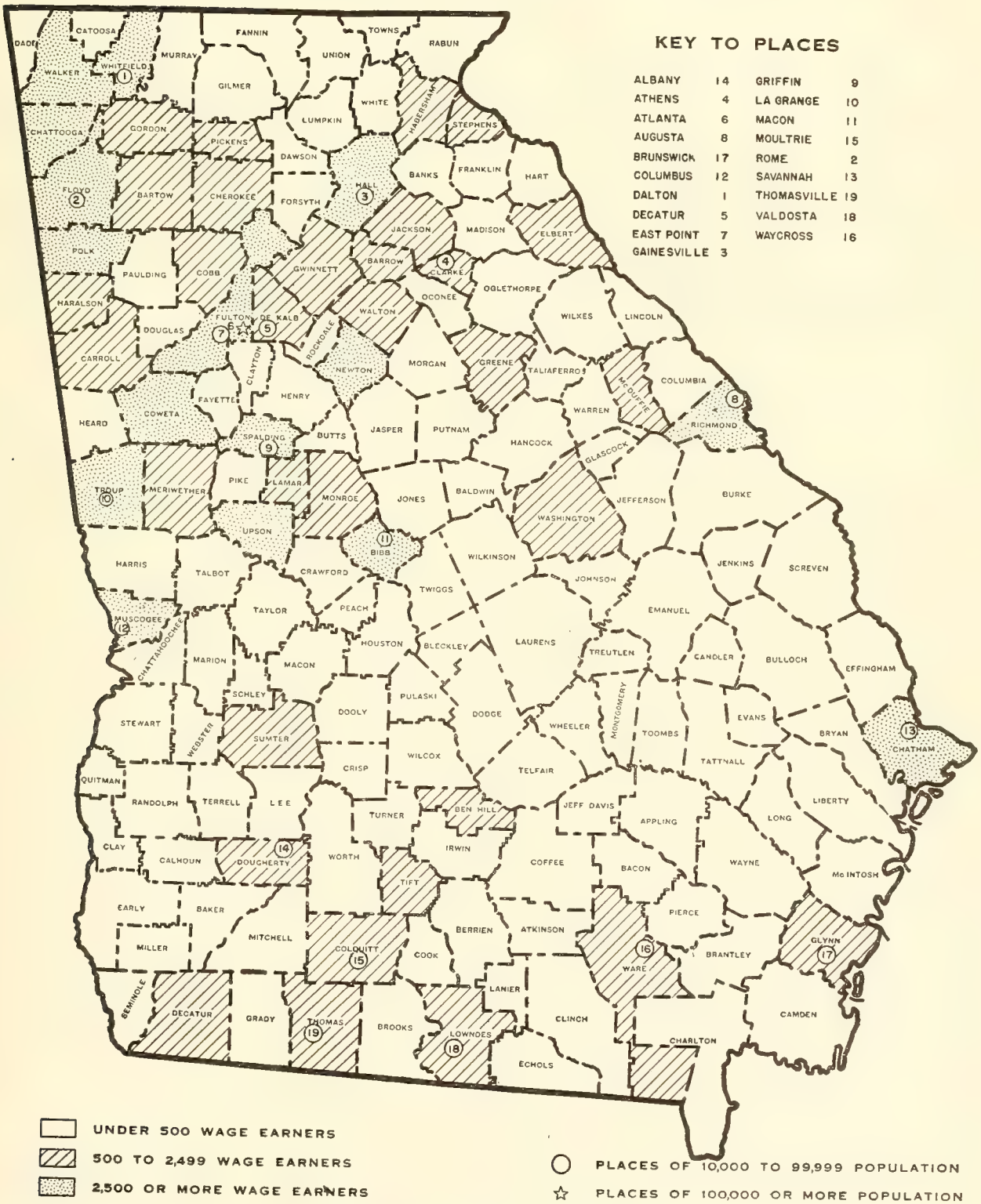
TABLE 11.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE AND FOR JACKSONVILLE, MIAMI, AND TAMPA: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	CITY OF JACKSONVILLE—Continued		
14	Steel castings	1	
	Tin cans and other tinware not elsewhere classified	2	
15	Jewelry (precious metals)	1	
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	1	
17	Agricultural machinery (except tractors)	1	
	Blowers; exhaust and ventilating fans	1	
	Machine-shop products, not elsewhere classified	1	
	Woodworking machinery	1	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	2	
19	Boat building and boat repairing	2	
	Cars and car equipment—railroad, street, and rapid-transit	1	
	Shipbuilding and ship repairing	3	263
20	Brooms	1	
	Feathers, plumes, and artificial flowers	1	
	Hand stamps, stencils, and brands	1	
	Miscellaneous fabricated products not elsewhere classified	1	
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	1	
	CITY OF MIAMI		
1	Candy and other confectionery products	1	
	Flavoring extracts and flavoring sirups, not elsewhere classified	1	
	Food preparations, not elsewhere classified	2	
	Malt liquors	1	
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	2	
2	Cigars	1	
4	Canvas products (except bags)	5	38
	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	3	34
	Millinery	1	
	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	4	28
	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	2	
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	1	
6	Caskets, coffins, burial cases, and other morticians' goods	2	
	Office furniture	1	
	Partitions, shelving, cabinet work, and office and store fixtures	2	
	Window and door screens and weather strip	1	
	Window shades	1	
	Wood preserving	1	
7	Paperboard containers and boxes not elsewhere classified	1	
8	Engraving (steel, copperplate, and wood); plate printing	1	
	Machine and hand typesetting (including advertisement typesetting)	1	
	Newspapers: publishing and printing	6	266
	Newspapers: publishing without printing	1	
	Periodicals: publishing and printing	2	
9	Chemicals not elsewhere classified	1	
	Drugs and medicines (including drug grinding)	1	
	Fertilizers	3	31
	Insecticides, fungicides, and related industrial and household chemical compounds)	1	
12	Women's pocketbooks, handbags, and purses	1	
13	Mirrors and other glass products made of purchased glass	1	
	Monuments, tombstones, cut-stone and stone products not elsewhere classified	1	
	Statuary and art goods (except stone and concrete)—factory production	1	
14	Gray-iron and semisteel castings	1	
	Heating and cooking apparatus, except electric, not elsewhere classified	1	
	Stamped and pressed metal products (except automobile stampings)	1	
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	1	
	Wirework not elsewhere classified	1	
15	Nonferrous-metal products not elsewhere classified	1	
	Sheet-metal work not specifically classified	2	
	CITY OF MIAMI—Continued		
16	Batteries, storage and primary (dry and wet)	1	
17	Industrial machinery, not elsewhere classified	1	
	Machine-shop products, not elsewhere classified	2	
19	Shipbuilding and ship repairing	2	
20	Brooms	1	
	Costume jewelry and costume novelties (jewelry other than fine jewelry)	1	
	Hand stamps, stencils, and brands	1	
	Miscellaneous fabricated products not elsewhere classified	1	
	Sporting and athletic goods not elsewhere classified	2	
	CITY OF TAMPA		
1	Biscuit, crackers, and pretzels	2	
	Blended and prepared flour made from purchased flour	1	
	Condensed and evaporated milk	1	
	Flavoring extracts and flavoring sirups, not elsewhere classified	1	
	Food preparations, not elsewhere classified	2	
	Macaroni, spaghetti, vermicelli, and noodles	3	15
	Malt liquors	2	
	Salad dressings	1	
2	Cigars	35	6,9
4	Canvas products (except bags)	1	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	1	
	Trousers (semidress), wash suits, and washable service apparel	1	
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	2	
5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	1	
6	Caskets, coffins, burial cases, and other morticians' goods	3	21
	Cigar boxes: wooden, part wooden	4	578
	Cooperage	1	
	Household furniture, except upholstered	2	
	Partitions, shelving, cabinet work, and office and store fixtures	1	
	Upholstered household furniture	1	
	Wood products not elsewhere classified	1	
7	Paperboard containers and boxes not elsewhere classified	3	56
8	Bookbinding and related industries	1	
	Newspapers: publishing and printing	5	161
	Newspapers: publishing without printing	2	
	Periodicals: publishing without printing	2	
	Photoengraving, not done in printing establishments (including preparation of plates)	1	
9	Cleaning and polishing preparations, blackings, and dressings	1	
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	2	
	Fertilizers	3	74
	Paints, varnishes, and lacquers	2	
	Perfumes, cosmetics, and other toilet preparations	1	
13	Cement	1	
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	2	
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	2	
	Power boilers and associated products	1	
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	2	
	Tin cans and other tinware not elsewhere classified	3	137
15	Nonferrous-metal foundries (except aluminum)	1	
	Sheet-metal work not specifically classified	1	
16	Batteries, storage and primary (dry and wet)	2	
	X-ray and therapeutic apparatus and electronic tubes	1	
17	Machine-shop repairs	2	
18	Automobile trailers (for attachment to passenger cars)	2	
19	Shipbuilding and ship repairing	4	1,008
20	Brooms	1	
	Miscellaneous fabricated products not elsewhere classified	1	
	Signs, advertising displays, and advertising novelties	3	5
	Surgical and medical instruments	1	

[1] For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and of industry groups, sec. 27.

GEORGIA

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939



Prepared by the Bureau of the Census, Department of Commerce

GEORGIA

Table 1.—SUMMARY FOR THE STATE: 1939, 1937, AND 1929

CENSUS YEAR	Number of establishments	Proprietors and firm members	Number of persons employed in manufacturing [1]	Salaries and wages [1]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2]	Value of products [2]	Value added by manufacture [3]
1939	3,150	2,221	170,165	$132,188,496	$394,086,519	$677,402,657	$283,316,138
1937	2,875	1,890	172,045	134,130,150	439,145,132	708,652,241	269,507,109
1929	4,090	3,334	162,424	128,469,001	410,897,433	690,446,164	279,548,731

[1] Figure for 1939 does not include data for employees of manufacturing establishments (except salaried officers of corporations) who were engaged in distribution, construction, and other nonmanufacturing work. For detail, see table 8. It is not known to what extent data for such nonmanufacturing employees were included in figures reported for earlier years. See General Explanations—Persons engaged—general classification.

[2] The aggregates for cost of materials, etc., and value of products include large amounts of duplication due to the use of the products of some industries as materials by others. See General Explanations—Duplication in cost of materials and value of products.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See General Explanations—Value added by manufacture.

Table 2.—SUMMARY FOR COUNTIES AND PLACES: 1939

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
The State	3,123,723	[5] 3,150	157,804	$108,083,478	$394,086,519	$677,402,657	$283,316,138
COUNTIES [5]							
Appling	14,497	22	32	11,500	230,373	335,007	104,634
Atkinson	7,093	15	13	3,509	189,942	229,954	40,012
Bacon	8,096	6	8	2,955	51,945	89,870	37,925
Baker [6]	7,344	2					
Baldwin	24,190	16	357	165,057	689,831	1,117,989	428,158
Banks [7]	8,733						
Barrow	13,064	15	1,603	873,535	3,398,813	5,462,920	2,064,107
Bartow	25,283	25	1,731	1,207,090	3,188,563	5,535,564	2,347,001
Ben Hill	14,523	14	663	415,303	889,213	1,590,086	700,873
Berrien	15,370	13	55	24,403	129,790	304,100	174,310
Bibb	83,783	101	6,248	3,810,593	17,216,838	28,328,262	11,111,424
Bleckley [6]	9,655	6	290				
Brantley	6,871	12	12	2,473	137,081	189,868	52,787
Brooks	20,497	19	301	148,696	405,437	780,997	375,560
Bryan	6,288	13	55	22,277	124,557	208,137	83,580
Bulloch	26,010	31	104	52,868	424,288	670,068	245,780
Burke	26,520	14	249	136,248	353,969	605,594	251,625
Butts [6]	9,182	5	388				
Calhoun	10,438	8	131	39,342	508,392	706,130	197,738
Camden	5,910	15	147	51,116	228,533	353,627	125,094
Candler	9,103	5	32	9,227	40,593	74,281	33,688
Carroll	34,156	23	2,123	1,139,551	2,494,030	4,294,940	1,800,910
Catoosa [6]	12,199	3	92				
Charlton	5,256	11	66	30,082	104,171	186,984	82,813
Chatham	117,970	146	6,129	4,684,464	47,460,376	66,056,616	18,596,240
Chattahoochee	15,138	5	41	16,863	77,105	141,300	64,195
Chattooga	18,532	16	3,564	2,356,265	5,529,518	9,137,813	3,608,295
Cherokee [6]	20,126	18	1,405				
Clarke	28,398	36	2,184	1,396,756	4,241,350	7,185,964	2,944,614
Clay	7,064	6	60	22,239	65,127	119,658	54,531
Clayton	11,655	5	87	53,996	129,441	248,320	118,879
Clinch	6,437	25	226	106,234	413,203	693,618	280,415
Cobb	38,272	27	2,127	1,486,424	2,933,086	6,176,770	3,243,684
Coffee	21,541	28	172	110,546	884,518	1,296,851	412,333
Colquitt	33,012	36	1,180	852,326	5,869,459	8,236,152	2,366,693
Columbia	9,433	10	158	74,213	145,693	318,058	172,365
Cook	11,919	10	39	19,063	142,414	241,881	99,467
Coweta	26,972	27	3,297	2,058,400	5,497,821	9,712,985	4,215,164
Crawford [6]	7,128	6	137				
Crisp	17,540	26	428	216,238	1,010,341	1,695,830	685,489
Dade [6]	5,894	2					
Dawson [6]	4,479	3	26				
Decatur	22,234	25	802	484,178	1,000,884	2,223,543	1,222,659
De Kalb	86,942	30	1,446	1,147,010	2,282,008	4,674,361	2,392,353
Dodge	21,022	20	345	165,336	658,471	990,098	331,627
Dooly	16,886	6	198	82,878	259,155	420,476	161,321
Dougherty	28,565	31	1,218	860,644	5,159,381	7,736,599	2,577,218
Douglas [6]	10,053	5	277				
Early	18,679	11	57	20,502	110,133	180,982	70,849
Echols [6]	2,964	3	4				

See footnotes at end of table.

TABLE 2.—SUMMARY FOR COUNTIES AND PLACES: 1939—Continued

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
COUNTIES [5]—continued							
Effingham	9,646	15	114	$29,967	$112,401	$198,748	$86,347
Elbert	19,618	24	866	822,501	1,674,070	3,372,484	1,698,414
Emanuel	23,517	29	188	72,212	566,043	833,753	267,710
Evans	7,401	12	35	21,831	113,492	227,274	113,782
Fannin [6]	14,752	3	23				
Fayette [6]	8,170	3	47				
Floyd	56,141	57	9,093	7,011,595	13,901,943	28,817,581	14,915,638
Forsyth [7]	11,322						
Franklin	15,612	7	205	90,756	214,661	362,009	147,348
Fulton	392,886	590	24,718	22,145,425	111,987,338	189,156,633	77,169,295
Gilmer	9,001	4	473	219,207	646,869	1,232,705	585,836
Glascock	4,547	4	50	9,540	38,855	70,100	31,245
Glynn	21,920	35	1,337	1,061,692	3,767,988	7,615,001	3,847,013
Gordon	18,445	31	1,976	980,529	2,955,936	5,179,150	2,223,214
Grady	19,654	18	284	123,463	564,779	1,075,142	510,363
Greene	13,709	11	972	505,968	1,277,321	2,440,126	1,162,805
Gwinnett [6]	29,087	14	1,042				
Habersham [6]	14,771	12	551				
Hall	34,822	27	3,080	2,161,856	4,417,345	8,732,944	4,315,599
Hancock	12,764	24	270	83,865	304,431	551,426	246,995
Haralson [6]	14,377	7	1,012				
Harris	11,428	10	144	41,898	135,000	286,402	151,402
Hart [6]	15,512	5	154				
Heard [6]	8,610	2					
Henry	15,119	12	228	131,273	239,702	576,331	336,629
Houston [6]	11,303	8	312				
Irwin	12,936	11	55	31,931	312,602	470,186	157,584
Jackson [6]	20,089	11	1,445				
Jasper	8,772	12	126	24,731	167,497	259,884	92,387
Jeff Davis	8,841	11	16	5,734	126,607	171,768	45,161
Jefferson	20,040	18	286	115,948	484,919	821,140	336,221
Jenkins	11,843	11	130	55,681	155,849	337,016	181,167
Johnson	12,953	7	14	4,459	172,171	213,354	41,183
Jones [6]	8,331	5	217				
Lamar	10,091	7	883	588,284	1,215,896	2,777,570	1,561,674
Lanier	5,632	6	21	9,031	79,139	142,971	63,832
Laurens	33,606	22	368	152,012	847,538	1,481,874	634,336
Lee [6]	7,837	1					
Liberty	8,595	17	264	128,521	317,444	678,632	361,188
Lincoln	7,042	4	46	11,468	24,150	44,050	19,900
Long	4,086	12	41	14,910	78,544	128,670	50,126
Lowndes	31,860	44	894	496,886	3,112,489	4,740,864	1,628,375
Lumpkin [6]	6,223	2					
Macon	15,947	4	186	72,943	225,063	389,045	163,982
Madison [7]	13,431						
Marion	6,954	4	35	12,706	39,231	68,830	29,599
McDuffie	10,878	10	734	421,086	1,250,111	2,442,648	1,192,537
McIntosh	5,292	8	467	108,053	275,249	483,773	208,524
Meriwether [6]	22,055	9	896				
Miller	9,998	4	44	16,524	40,920	79,371	38,451
Mitchell	23,261	18	209	93,999	1,322,351	1,741,079	418,728
Monroe	10,749	18	543	239,726	906,280	1,569,785	663,505
Montgomery	9,668	11	107	61,617	165,555	297,626	132,071
Morgan	12,713	6	92	37,894	219,081	301,302	82,221
Murray	11,137	11	363	144,049	349,031	700,617	351,586
Muscogee	75,494	83	12,496	8,407,960	21,153,736	46,068,578	24,914,842
Newton [6]	18,576	15	2,525				
Oconee [6]	7,576	1					
Oglethorpe [6]	12,430	4	270				
Paulding	12,832	7	290	113,907	229,909	400,701	170,792
Peach	10,378	14	294	146,713	533,182	995,191	462,009
Pickens [6]	9,136	10	646				
Pierce [6]	11,800	10	36				
Pike	10,375	8	259	54,207	221,836	417,147	195,311
Polk	28,467	22	3,932	2,949,253	8,388,032	13,734,464	5,346,432
Pulaski	9,829	10	160	68,319	264,509	465,060	200,551
Putnam	8,514	16	433	263,103	683,269	1,385,569	702,300
Quitman [7]	3,435						
Rabun	7,821	3	25	11,015	12,365	35,716	23,351
Randolph	16,609	15	214	99,175	254,325	587,968	333,643
Richmond	81,863	78	5,814	3,797,377	13,521,476	22,878,199	9,356,723
Rockdale [6]	7,724	5	364				
Schley [6]	5,033	4	88				
Screven	20,353	19	316	135,864	326,688	733,321	406,633
Seminole	8,492	8	52	20,663	166,923	230,440	63,517
Spalding	28,427	38	5,224	3,524,583	5,639,598	12,321,732	6,682,134
Stephens	12,972	15	663	463,988	741,642	1,658,134	916,492
Stewart	10,603	25	248	109,231	516,432	940,160	423,728
Sumter	24,502	30	877	441,422	2,204,978	3,348,500	1,143,522
Talbot	8,141	12	222	72,439	214,532	491,350	276,818
Taliaferro	6,278	10	110	33,336	102,464	156,156	53,692
Tattnall	16,243	13	59	33,180	396,284	504,960	108,676
Taylor	10,768	10	143	53,990	262,781	400,704	137,923
Telfair	15,145	27	71	29,569	341,737	571,750	230,013
Terrell [6]	16,675	14	206				

See footnotes at end of table.

TABLE 2.—SUMMARY FOR COUNTIES AND PLACES: 1939—Continued

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
COUNTIES [5]—continued							
Thomas	31,289	25	759	$348,595	$1,916,932	$3,090,569	$1,173,637
Tift	18,599	23	541	327,402	2,984,734	3,986,074	1,001,340
Toombs	16,952	22	178	70,100	384,919	636,332	251,413
Towns	4,925						
Treutlen	7,632	6	14	4,581	105,450	174,496	69,046
Troup	43,879	38	6,024	4,382,067	12,232,408	20,568,230	8,335,822
Turner	10,846	6	64	21,366	306,029	411,772	105,743
Twiggs [6]	9,117	3	26				
Union [6]	7,680	1					
Upson [6]	25,064	20	4,850				
Walker	31,024	22	3,878	2,959,878	6,584,259	12,407,661	5,823,402
Walton	20,777	15	1,314	855,151	2,050,607	3,605,485	1,554,878
Ware	27,929	35	635	343,071	1,567,999	2,650,974	1,082,975
Warren	10,236	10	124	47,465	182,692	340,624	157,932
Washington	24,230	34	693	281,400	902,420	1,594,650	692,230
Wayne	13,122	23	346	135,765	338,571	656,295	317,724
Webster [7]	4,726	10	158				
Wheeler	8,535	6	10	4,365	94,383	126,516	32,133
White [6]	6,417	2					
Whitfield	26,105	45	5,281	3,120,761	6,921,349	13,776,751	6,855,402
Wilcox	12,755	8	106	48,560	218,160	321,015	102,855
Wilkes	15,084	19	354	142,970	663,427	1,023,845	360,418
Wilkinson	11,025	13	107	43,460	67,897	152,326	84,429
Worth	21,374	13	148	74,653	336,417	508,174	171,757
Undistributed [8]		234	17,681	11,320,403	30,569,434	53,422,951	22,853,517
PLACES HAVING 10,000 OR MORE INHABITANTS							
Albany	19,055	22	314	242,369	846,477	1,897,664	1,051,187
Athens	20,650	30	1,692	1,099,477	3,260,245	5,419,784	2,159,539
Atlanta	302,288	515	20,857	19,408,910	96,510,283	165,729,836	69,219,553
Augusta	65,919	67	4,880	3,227,087	11,966,098	19,459,867	7,493,769
Brunswick	15,035	22	958	696,396	2,319,359	4,873,930	2,554,571
Columbus [9]	53,280	67	9,661				
Dalton [9]	10,448	38	4,607				
Decatur	16,561	7	32	33,887	138,461	240,097	101,636
East Point	12,403	24	1,249	1,032,976	3,815,053	7,765,111	3,950,058
Gainesville [9]	10,243	21	1,488				
Griffin	13,222	26	2,050	1,444,567	2,612,505	5,492,862	2,880,357
La Grange [9]	21,983	24	4,632				
Macon	57,865	84	4,941	3,055,382	13,522,312	22,573,259	9,050,947
Moultrie [9]	10,147	23	398				
Rome	26,282	50	4,036	2,615,031	5,503,789	11,191,737	5,687,948
Savannah	95,996	97	1,362	1,099,706	5,185,204	9,706,571	4,521,367
Thomasville	12,683	16	595	259,694	551,210	1,396,594	845,384
Valdosta	15,595	33	515	281,458	1,890,595	3,112,960	1,222,365
Waycross	16,763	13	480	285,345	1,189,970	2,043,011	853,041

[1] Not including salaried officers and employees nor nonmanufacturing wage earners. The figure for each county or place is an average of the numbers reported for the several months of the year. In calculating it, equal weight must be given to full-time and to part-time wage earners (not reported separately by the manufacturers), and for this reason it exceeds the number that would have been required to perform the work done in the industries if all wage earners had been continuously employed throughout the year. The quotient obtained by dividing the amount of wages by the average number of wage earners cannot, therefore, be accepted as representing the average wage received by full-time wage earners. Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several counties do not add exactly to the average for the State. In making comparisons between the figures for 1939 and those for earlier years, the possibility that the proportion of part-time employment varied from year to year should be taken into account.

[2] Profits and losses cannot be calculated from the census figures because no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, and advertising.

[3] See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

[5] For numbers of establishments by "Industry groups," see table 10.

[6] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Undistributed" figures.

[7] No manufacturing reported.

[8] The "Undistributed" figure for number of establishments and a part of the "Undistributed" figure for number of wage earners are included above in the items for the respective counties. The sums of the figures in these two columns are, therefore, larger than the corresponding State totals.

[9] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments.

Table 3.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, BY SEX: 1939 AND 1929

[The 1939 questionnaire, for the first time, called for data on the *total* number of employees in manufacturing establishments, including those engaged wholly or chiefly in distribution, construction, and other nonmanufacturing activites. It is not known to what extent data for such employees were included in the figures reported for earlier years. This table presents detailed figures for employees receiving pay at any time within the *normal* pay-roll period ended nearest Oct. 14, 1939, and for such employees on the pay roll on Dec. 14, 1929, or on the nearest *representative* date. The total for "Wage earners engaged in manufacturing" is not identical with the average for the year (given in other tables), and differs from the number reported for October 1939 or for December 1929, because for both years some manufacturers gave wage-earner figures for months other than those specified. See General Explanations—Persons engaged—general classification]

Class and sex	1939 (Oct. 14) [1]	1929 (Dec. 14) [1]
All classes, aggregate [2]	193,442	162,211
Male	130,254	123,498
Female	63,188	38,713
Salaried officers and employees, total	21,357	12,226
Male	17,837	10,074
Female	3,520	2,152
Salaried officers of corporations, total	1,947	1,961
Male	1,822	1,882
Female	125	79
All other employees (except wage earners in manufacturing), total	19,410	10,265
Male	16,015	8,192
Female	3,395	2,073
Salaried officers and employees—Continued.		
All other employees, etc.—Continued.		
Engaged in manufacturing:		
Male	8,017	(3)
Female	2,397	
Engaged in distribution:		
Male	6,664	
Female	963	
Engaged in construction:		
Male	811	
Engaged in other work:		
Male	523	
Female	35	
Wage earners engaged in manufacturing, total	172,085	149,985
Male	112,417	113,424
Female	59,668	36,561

[1] See headnote.
[2] Figures do not include data for 2,221 proprietors and firm members for 1939 and 3,334 for 1929, which were not reported by sex for 1939.
[3] No data.

Table 4.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS: 1939, 1937, AND 1929

[The figures for 1939 relate to wage earners engaged in manufacturing only. It is not known to what extent the figures for earlier years include data for nonmanufacturing wage earners. See headnote to table 3]

Census year	Average number employed during year [1]	Number receiving pay during normal pay-roll period ended nearest 15th of month—											
		January	February	March	April	May	June	July	August	September	October	November	December
1939	157,804	151,613	152,966	156,846	157,127	152,849	150,957	152,073	156,646	162,045	168,364	167,218	164,940
1937	159,496	155,855	161,082	164,419	165,296	162,441	159,296	158,988	159,272	160,560	159,356	155,554	151,835
1929	150,198	148,789	150,760	153,803	152,816	148,520	149,505	149,238	150,566	151,168	151,283	149,308	146,613

[1] See General Explanations—Wage earners and wages.

TABLE 5.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY NUMBER OF WAGE EARNERS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS	VALUE ADDED BY MANUFACTURE [2]
	1939	1929	1939	1929	1939	1939
All establishments	3,150	4,090	157,804	150,198	$677,402,657	$283,316,138
No wage earners	54	62			1,767,003	1,043,085
1 to 5	1,293	1,961	3,045	9,838	31,201,960	14,356,811
6 to 20	880	898	9,746	10,508	50,505,354	24,120,696
21 to 50	386	618	12,666	20,061	71,811,046	29,510,307
51 to 100	212	256	15,004	18,064	79,413,276	33,511,829
101 to 250	167	176	25,899	27,638	83,656,498	37,030,349
251 to 500	94	76	33,925	25,046	133,135,239	53,688,764
501 to 1,000	45	29	29,661	20,012	136,698,223	47,226,093
1,001 to 2,500	19	14	27,858	19,031	89,214,058	42,828,204

[1] See headnotes to tables 3 and 4.

[2] See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 6.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY VALUE OF PRODUCTS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
All establishments	3,150	4,090	157,804	150,198	$677,402,657	$690,446,164	$283,316,138	$279,548,731
$5,000 to $19,999	1,170	1,984	4,943	12,579	12,757,314	19,712,323	6,448,350	12,601,693
$20,000 to $49,999	669	842	5,561	15,014	20,934,065	26,721,017	10,521,675	16,789,262
$50,000 to $99,999	427	406	7,666	9,512	30,441,776	28,132,103	14,819,983	15,360,062
$100,000 to $249,999	403	383	17,753	16,546	64,316,508	60,527,707	29,689,101	29,296,470
$250,000 to $499,999	204	211	17,611	17,268	73,220,524	75,465,696	30,218,238	33,584,256
$500,000 to $999,999	143	139	28,499	20,371	99,153,911	97,204,233	42,506,164	38,018,298
$1,000,000 to $2,499,999	91	79	36,574	22,166	136,671,637	122,455,736	60,321,720	47,893,045
$2,500,000 to $4,999,999	24	32	19,623	27,119	79,978,306	114,477,770	31,856,442	43,493,928
$5,000,000 and over	19	14	19,574	9,623	159,928,616	145,749,579	56,934,465	42,511,717

[1] See headnotes to tables 3 and 4.

[2] See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 7.—ESTABLISHMENTS CLASSIFIED AS UNDER CORPORATE OR OTHER FORM OF OWNERSHIP (OR CONTROL) AND AS UNDER CENTRAL-ADMINISTRATIVE-OFFICE OR INDEPENDENT OPERATION: 1939 AND 1929

TYPE OF OWNERSHIP OR CONTROL, AND OF OPERATION	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
Total	3,150	4,090	157,804	150,198	$677,402,657	$690,446,164	$283,316,138	$279,548,731
TYPE OF OPERATION								
1939 [3]								
Corporate ownership or control:								
Central-administrative-office (plural-unit)	688	(3)	86,235	(3)	411,202,585	(3)	166,248,733	(3)
Independent (single-unit)	798	(3)	53,071	(3)	203,967,262	(3)	88,472,426	(3)
Noncorporate ownership:								
Central-administrative-office (plural-unit)	157	(3)	2,277	(3)	9,277,994	(3)	3,611,679	(3)
Independent (single-unit)	1,507	(3)	16,221	(3)	52,954,816	(3)	24,983,300	(3)
1939 AND 1929 [3]								
Central-administrative-office (plural-unit), corporate and noncorporate	845	452	88,512	52,077	420,480,579	327,389,872	169,860,412	116,061,826
Independent (single-unit), corporate and noncorporate	2,305	3,638	69,292	98,121	256,922,078	363,056,292	113,455,726	163,486,905
TYPE OF OWNERSHIP OR CONTROL								
Corporate	1,486	1,378	139,306	113,419	615,169,847	614,627,325	254,721,159	238,147,490
Noncorporate, total	1,664	2,712	18,498	36,779	62,232,810	75,818,839	28,594,979	41,401,241
Individual	1,149	(4)	10,122	(4)	33,221,317	(4)	14,540,346	(4)
Partnership	494	(4)	8,051	(4)	27,280,619	(4)	13,264,422	(4)
Cooperative	11	(4)	186	(4)	1,171,249	(4)	384,009	(4)
Other	10	(4)	139	(4)	559,625	(4)	406,202	(4)

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Because of changes in the questionnaire, no comparable figures for 1929 can be given for the first section of this table. For this reason, the items have been regrouped under "1939 and 1929" to present comparable figures so far as this can be done.
[4] No data.

TABLE 8.—GENERAL STATISTICS FOR THE

[This table presents separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establish figures are given, however, reported larger numbers of wage earners

		INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS[1]						
					Total[2]	Salaried officers of corporations[3]	Manufacturing		Distribution	Construction	Other
							Salaried employees[4]	Wage earners (average for year)[3]			
1		All industries, total	3,150	2,221	179,161	1,947	10,414	157,804	7,627	811	558
2	17	Agricultural machinery (except tractors)	7	2	443	11	49	360	17		6
3	6	Baskets for fruits and vegetables	5	5	389	7	14	348	20		
4	1	Blended and prepared flour made from purchased flour	7	3	120	5	7	83	25		
5	8	Bookbinding and related industries	9	3	65	7	6	48	4		
6	8	Books: printing without publishing	5	2	159	6	15	129	8	1	
7	8	Books: publishing without printing	8	3	113	5	77	2	29		
8	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	105	77	2,667	50	151	2,110	290	11	55
9	13	Brick and hollow structural tile	13	2	1,179	20	51	985	94	29	
10	20	Brooms	6	6	67		2	62	3		
11	1	Candy and other confectionery products	29	26	1,473	20	115	1,157	176	5	
12	1	Canned and dried fruits and vegetables (including canned soups)	21	14	1,189	16	85	1,073	12	3	
13	1	Canned fish, crustacea, and mollusks	5	6	808	5	10	793			
14	4	Canvas products (except bags	5	5	67	5	8	40	14		
15	6	Caskets, coffins, burial cases, and other morticians' goods	19	15	377	11	26	314	26		
16	9	Chemicals not elsewhere classified	3	2	86		13	54	17	2	
17	13	Clay refractories, including refractory cement (clay)	3		486		48	437	1		
18	9	Cleaning and polishing preparations, blackings, and dressings	5	2	41	3	3	21	11	3	
19	9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	7		70		10	46	14		
20	13	Concrete products	20	8	352	14	29	289	13	6	1
21	7	Converted paper products not elsewhere classified	4	3	413	6	45	342	20		
22	1	Cooking and other edible fats and oils, not elsewhere classified	4		561	1	60	446	36	13	5
23	6	Cooperage	9	7	120	4	7	104	4	1	
24	3	Cordage and twine	9	3	1,202	12	75	1,111	4		
25	3	Cotton broad woven goods	81		50,896	139	1,650	48,704	135	96	172
26	9	Cottonseed oil, cake, meal, and linters	51	1	2,152	35	233	1,782	69	25	8
27	3	Cotton thread	3		1,253	1	51	1,201			
28	3	Cotton yarn	38		12,577	63	399	11,945	21	80	69
29	1	Creamery butter	6	1	51	5	14	30	2		
30	4	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	50	33	6,746	62	267	6,254	146	11	6
31	1	Custom slaughtering, wholesale	3	2	61	3	6	52			
32	9	Drugs and medicines (including drug grinding)	16		152	26	25	77	23		1
33	3	Dyeing and finishing cotton, rayon, silk, and linen textiles	8		1,435	7	64	1,364			
34	15	Electroplating, plating, and polishing	3	4	44		1	38	5		
35	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	8	12	229	7	18	163	38		3
36	9	Fertilizers	133	62	2,931	83	277	2,281	253	24	13
37	1	Flavoring extracts and flavoring sirups, not elsewhere classified	10	1	364	9	27	116	200	3	9
38	1	Flour and other grain-mill products	39	21	447	17	47	315	48	20	
39	1	Food preparations, not elsewhere classified	12	7	433	14	32	323	64		
40	12	Footwear (except rubber)	5		1,589	3	49	1,527	10		
41	8	General commercial (job) printing	108	100	1,163	40	140	888	95		
42	14	Gray-iron and semisteel castings	17	10	663	12	48	582	17	1	3
43	9	Gum naval stores (processing but not gathering or warehousing)	438	542	1,056	23	474	547	10	2	
44	20	Hand stamps, stencils, and brands	3	3	17	2		13	2		
45	3	Hosiery—full-fashioned	13		2,208	18	116	2,008	56	10	
46	3	Hosiery—seamless	28	8	6,946	53	208	6,630	42	10	3
47	4	House dresses, uniforms, and aprons made in inside factories or by jobbers engaging contractors	5	2	427	9	25	383	10		
48	4	Housefurnishings (except curtains, draperies, and bedspreads)	3	1	159	2	9	141	7		
49	6	Household furniture, except upholstered	22	12	1,932	32	88	1,748	58	2	4
50	1	Ice cream and ices	34	20	521	19	52	211	197	8	34
51	1	Ice, manufactured	153	82	1,610	48	127	463	962	8	2
52	17	Industrial machinery, not elsewhere classified	9	6	205	11	18	158	18		
53	9	Insecticides, fungicides, and related industrial and household chemical compounds	11	6	146	12	10	71	53		
54	3	Knitted cloth	4	3	132	5	9	112	4	2	
55	3	Knitted underwear	7		1,053	13	56	982		2	
56	8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	4		204	13	20	142	29		
57	5	Logging camps and logging contractors (not operating sawmills)	27	27	320		4	316			
58	8	Machine and hand typesetting (including advertisement typesetting)	4	3	50	2	3	45			
59	17	Machine-shop products, not elsewhere classified	17	9	577	21	62	485	8		1
60	17	Machine-shop repairs	23	27	145	3	15	126	1		
61	6	Mattresses and bedsprings	13	8	1,091	13	86	932	60		
62	1	Meat packing, wholesale	16	6	2,175	12	172	1,643	333	12	3
63	4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	8	2	1,549	3	41	1,503	2		
64	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	7	5	1,102	5	48	974	75		
65	4	Men's neckwear—made in inside factories or by jobbers engaging contractors	3	4	92		1	76	12		3
66	4	Millinery	5	1	548	10	40	463	27	2	6
67	13	Minerals and earths, ground or otherwise treated	12		396	15	42	337	2		
68	4	Miscellaneous fabricated textile products not elsewhere classified	3	2	114	2	3	107	2		
69	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	44	33	1,821	54	118	1,530	118	1	
70	18	Motor vehicles, motor-vehicle bodies, parts and accessories	9	8	2,019	4	168	1,650	197		
71	8	Newspapers: publishing and printing	103	77	2,673	74	749	1,177	673		

See footnotes at end of table.

STATE, BY INDUSTRIES: 1939

ments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined or larger values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
144,546,175	8,142,881	15,962,137	108,083,478	11,215,598	741,460	400,621	394,086,519	377,010,078	5,486,777	9,581,510	2,008,154	677,402,657	283,316,138	1
394,476	62,423	48,491	233,571	45,792	----	4,199	575,553	543,435	14,816	16,922	380	1,310,189	734,636	2
202,656	17,300	23,740	150,176	11,440	----	----	131,542	125,482	----	3,839	2,221	424,236	292,694	3
129,470	24,300	11,888	49,055	44,227	----	----	1,414,057	1,403,252	1,120	9,685	----	1,755,765	341,708	4
66,846	12,568	5,659	44,073	4,546	----	----	31,681	29,825	722	1,134	----	136,002	104,321	5
203,305	23,400	20,899	146,176	12,310	520	----	163,787	139,618	1,808	4,786	17,575	506,090	342,303	6
150,132	21,073	67,040	1,868	60,151	----	----	173,620	8,208	----	----	165,412	484,599	310,979	7
2,850,753	247,802	250,420	2,033,256	276,339	11,600	31,336	5,434,832	5,216,377	117,588	100,867	----	11,663,223	6,228,391	8
875,902	116,219	70,771	574,437	93,160	21,315	----	620,537	66,735	452,532	101,270	----	1,723,107	1,102,570	9
40,300	----	2,300	33,886	4,114	----	----	94,401	93,393	107	901	----	167,943	73,542	10
1,206,546	88,974	148,969	682,130	271,446	15,027	----	3,247,328	3,182,772	27,887	33,700	2,969	5,698,797	2,451,469	11
483,386	55,780	61,103	349,645	15,158	1,700	----	1,288,281	1,247,439	29,573	11,269	----	2,046,093	757,812	12
152,020	15,620	12,296	124,104	----	----	----	438,661	429,940	5,365	3,356	----	678,086	239,425	13
58,481	11,122	9,680	21,591	16,088	----	----	93,447	91,937	400	1,110	----	197,030	103,583	14
399,844	30,752	39,632	282,386	47,074	----	----	664,848	652,687	5,775	6,386	----	1,393,991	729,143	15
(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	16
(5)	----	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	17
31,005	4,470	5,543	11,766	8,156	1,070	----	56,243	55,129	320	794	----	121,561	65,318	18
102,211	----	24,141	54,191	23,879	----	----	189,771	161,324	518	27,929	----	599,689	409,918	19
256,808	53,940	39,986	139,506	19,483	3,373	520	584,896	570,897	5,809	7,890	300	1,166,463	581,567	20
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	21
567,281	4,599	134,751	343,887	67,769	13,046	3,229	11,787,612	11,619,397	88,451	79,764	----	12,748,205	960,593	22
77,416	3,199	9,964	59,499	4,054	700	----	402,818	400,415	690	1,713	----	542,557	139,739	23
840,200	34,675	89,200	712,638	3,687	----	----	1,998,130	1,862,449	9,008	126,673	----	3,461,154	1,463,024	24
36,963,163	768,519	2,602,867	33,177,831	214,961	90,615	108,370	70,740,902	65,931,412	865,713	3,876,509	67,268	131,627,016	60,886,114	25
1,511,285	127,524	374,868	875,474	99,698	27,333	6,388	13,830,285	13,376,780	123,715	329,308	482	16,487,862	2,657,577	26
1,033,366	7,964	94,115	931,287	----	----	----	2,390,727	2,192,403	18,506	179,818	----	4,309,241	1,918,514	27
8,661,678	215,983	672,940	7,629,483	37,786	66,248	39,238	20,701,098	19,265,212	127,314	1,296,967	11,605	33,890,832	13,189,734	28
61,083	10,715	21,194	22,425	6,749	----	----	443,346	432,673	2,059	8,614	----	520,599	77,253	29
4,099,566	225,630	354,597	3,238,846	270,402	7,467	2,624	8,457,499	8,314,640	30,903	62,364	49,592	15,267,446	6,809,947	30
51,658	4,500	9,302	37,856	----	----	----	23,418	9,200	4,218	10,000	----	113,956	90,538	31
206,344	85,029	43,155	47,140	30,220	----	800	402,819	396,501	3,171	3,147	----	2,767,751	2,364,932	32
1,060,512	34,208	114,789	911,515	----	----	----	1,815,696	1,630,484	122,964	62,248	----	4,078,154	2,262,458	33
(5)	----	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	34
319,988	34,499	28,341	179,523	74,469	----	3,156	582,439	557,873	1,941	7,424	15,201	1,106,516	524,077	35
2,083,431	233,548	346,227	1,031,089	453,308	11,059	8,200	14,009,299	13,836,562	11,462	155,334	5,941	19,049,712	5,040,413	36
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	37
326,352	32,876	52,966	188,031	48,649	3,830	----	4,044,439	3,979,464	5,480	59,495	----	4,942,527	898,088	38
419,798	69,759	35,896	209,007	105,136	----	----	994,972	975,106	11,314	8,552	----	1,659,781	664,809	39
1,191,456	27,600	80,984	1,055,487	27,385	----	----	2,582,521	2,560,393	3,319	18,809	----	4,331,865	1,749,344	40
1,585,572	127,257	229,153	1,076,020	153,142	----	----	1,645,910	1,522,984	10,667	44,650	67,609	4,526,667	2,880,757	41
650,020	53,600	90,214	474,549	28,188	1,238	2,231	506,194	433,519	53,253	18,734	688	1,462,380	956,186	42
424,300	43,805	185,818	185,464	8,757	456	----	7,939,306	7,800,869	123,014	8,482	6,941	10,207,219	2,267,913	43
23,270	4,060	----	17,270	1,940	----	----	25,137	24,473	162	502	----	70,887	45,750	44
2,244,584	103,346	183,098	1,820,496	133,383	4,261	----	2,551,272	2,189,664	20,768	48,530	292,310	6,091,011	3,539,739	45
4,537,524	194,046	397,444	3,864,773	67,470	10,452	3,339	6,087,805	5,895,288	84,078	106,053	2,386	12,222,920	6,135,115	46
295,548	37,367	29,345	194,228	34,608	----	----	586,135	579,910	1,281	4,944	----	1,119,242	533,107	47
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	48
1,480,351	149,841	104,695	1,097,877	121,329	2,250	4,359	1,815,559	1,750,280	17,379	47,900	----	4,085,720	2,270,161	49
626,200	95,406	84,054	174,156	227,201	8,966	36,417	1,575,632	1,471,000	21,940	82,692	----	3,144,200	1,568,568	50
1,357,237	129,231	182,639	355,545	680,994	6,361	2,467	875,632	211,027	106,450	558,155	----	3,760,388	2,884,756	51
295,130	59,009	24,337	176,855	34,929	----	----	256,791	245,587	4,068	7,136	----	701,667	444,876	52
199,684	53,727	9,017	38,433	98,507	----	----	392,996	368,088	2,796	2,112	20,000	581,459	188,463	53
122,362	13,610	16,340	78,061	10,711	3,640	----	643,443	635,221	1,457	6,765	----	942,286	298,843	54
696,286	59,032	77,349	557,905	----	2,000	----	1,076,783	1,049,090	11,550	15,599	544	2,703,715	1,626,932	55
363,752	60,255	25,067	195,440	82,990	----	----	384,438	375,160	5,911	3,367	----	829,005	444,567	56
146,279	----	2,310	143,969	----	----	----	120,189	115,402	3,375	----	1,412	357,443	237,254	57
78,516	4,990	3,359	70,167	----	----	----	10,294	6,874	1,471	1,428	521	127,768	117,474	58
648,764	70,630	91,175	468,357	17,782	----	820	470,850	439,668	12,647	18,535	----	1,564,251	1,093,401	59
172,406	5,800	18,832	146,973	801	----	----	145,423	133,308	2,011	8,166	1,938	461,279	315,856	60
1,274,179	75,020	144,876	884,853	169,430	----	----	2,392,901	2,362,414	6,273	24,214	----	5,111,117	2,718,216	61
2,384,964	70,242	337,198	1,484,551	475,123	11,677	6,173	19,192,321	18,952,996	122,562	116,763	----	23,648,314	4,455,993	62
1,135,212	12,160	62,447	1,054,812	5,793	----	----	2,896,568	2,672,399	5,588	17,876	200,705	6,199,946	3,303,378	63
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	64
58,202	----	1,916	38,484	16,714	----	1,088	142,740	141,672	141	927	----	240,345	97,605	65
521,388	64,700	51,926	355,432	38,230	3,000	8,100	909,868	896,279	6,154	7,435	----	1,681,356	771,488	66
319,771	22,200	80,628	212,967	3,976	----	----	554,202	351,068	66,161	71,427	65,546	1,294,562	740,360	67
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	68
2,063,402	204,211	172,598	1,500,697	184,789	1,078	29	1,201,833	947,287	19,122	147,651	87,773	4,427,412	3,225,579	69
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	70
4,167,084	290,386	1,188,229	1,695,827	992,642	----	----	2,046,184	1,884,064	28,903	85,686	47,531	9,093,492	7,047,308	71

TABLE 8.—GENERAL STATISTICS FOR THE

	Group	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
1	8	Newspapers, publishing without printing	4	3	15	2	9	2	2	.....	.....
2	1	Nonalcoholic beverages	138	84	1,984	140	156	726	950	3	9
3	15	Nonferrous metal foundries (except aluminum)	5	3	62	1	10	50	1	.....	.....
4	9	Paints, varnishes, and lacquers	10	1	167	14	19	89	37	2	6
5	7	Paper and paperboard mills	3	...	659	1	63	572	.....	23	.....
6	7	Paperboard containers and boxes not elsewhere classified	15	2	805	15	100	521	159	10	.....
7	6	Partitions, shelving, cabinet work, and office and store fixtures	6	3	139	7	13	88	21	.....	10
8	9	Perfumes, cosmetics, and other toilet preparations	13	3	162	15	25	98	24	.....	.....
9	8	Periodicals, publishing and printing	4	....	77	7	16	48	6	.....	.....
10	8	Periodicals, publishing without printing	23	13	155	19	121	.....	15	.....	.....
11	8	Photoengraving, not done in printing establishments (including preparation of plates)	6	3	126	4	26	82	14	...	...
12	1	Pickled fruits and vegetables and vegetable sauces and seasonings	3	3	283	3	10	262	8	.....	.....
13	5	Planing mills not operated in conjunction with sawmills	114	99	2,554	67	203	2,089	160	4	31
14	5	Plywood mills	3	1	414	4	14	396	.....	.....	.....
15	14	Power boilers and associated products	3	...	343	6	16	318	3	.....	.....
16	1	Prepared feeds (including mineral) for animals and fowls	14	10	371	15	35	224	95	.....	2
17	3	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	5	.....	571	11	30	522	8	.....	.....
18	17	Pumping equipment and air compressors	3	2	57	2	2	47	6	.....	.....
19	3	Rayon broad woven goods—regular factories or jobbers engaging contractors	3	.....	1,438	8	36	1,384	10	.....	.....
20	17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	3	.....	303	...	27	273	.....	.....	3
21	4	Robes, lounging garments, and dressing gowns	3	4	65	.....	2	60	2	.....	1
22	12	Saddlery, harness, and whips	8	13	492	2	13	471	3	3	.....
23	1	Salad dressings	3	.....	131	2	6	85	38	.....	.....
24	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	18	13	317	8	16	226	64	.....	3
25	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	513	504	10,251	87	423	9,607	109	18	7
26	15	Sheet-metal work not specifically classified	11	9	285	15	18	201	44	..	7
27	20	Signs, advertising displays, and advertising novelties	12	6	124	9	10	86	19	.....	.....
28	9	Soap and glycerin	3	2	26	.....	4	22	.....	.....	.....
29	17	Special-industry machinery, not elsewhere classified	5	.....	465	12	51	306	96	.....	.....
30	14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	7	.....	922	16	52	817	29	1	7
31	9	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	6	2	269	4	34	212	17	2	.....
32	4	Textile bags—not made in textile mills	6	1	584	.....	25	507	51	.....	1
33	17	Textile machinery	10	3	249	14	24	202	9	.....	.....
34	14	Tin cans and other tinware not elsewhere classified	3	1	315	.....	57	256	.....	2	.....
35	4	Trousers (semidress), wash suits, and washable service apparel	9	4	2,203	11	61	2,038	92	1	.....
36	6	Upholstered household furniture	7	5	326	5	33	252	36	.....	.....
37	9	Vegetable and animal oils, not elsewhere classified	7	2	208	5	25	172	6	.....	.....
38	4	Women's and misses' dresses (except house dresses)—made in contract factories	5	5	122	.....	3	117	.....	.....	2
39	4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	6	3	136	8	3	120	3	...	2
40	6	Wooden boxes except cigar boxes	9	3	2,269	11	68	2,173	11	6	.....
41	9	Wood naval stores	3	...	499	3	50	388	2	56	.....
42	6	Wood preserving	7	...	583	4	22	544	13	...	.....
43	6	Wood products not elsewhere classified	11	13	185	2	17	166	...	.....	.....
44	3	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	6	...	2,847	18	103	2,710	16	.....	.....
45	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	27	3	3,309	45	126	3,011	109	3	15
46	4	Work shirts	4	7	725	6	21	686	11	.....	1
47		Other industries [5]	223	95	23,834	169	1,869	20,363	1,003	373	57
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]									
48	1	Food and kindred products	24	4	1,945	11	107	1,552	258	3	14
49	3	Textile-mill products and other fiber manufactures	15	5	2,283	17	88	2,158	20	.....	.....
50	4	Apparel and other finished products made from fabrics and similar materials	25	19	3,037	23	110	2,792	109	...	3
51	6	Furniture and finished lumber products	8	1	304	9	55	204	34	1	1
52	7	Paper and allied products	15	3	3,052	15	251	2,671	40	75	.....
53	8	Printing, publishing, and allied industries	5	1	157	5	26	114	12	.....	.....
54	9	Chemicals and allied products	17	5	2,487	7	332	2,011	23	80	34
55	10	Products of petroleum and coal	7	.....	371	3	41	307	10	10	.....
56	13	Stone, clay, and glass products	16	5	1,392	15	105	1,227	28	17	.....
57	14	Iron and steel and their products, except machinery	15	6	2,320	18	198	1,885	150	68	1
58	15	Nonferrous metals and their products	8	6	194	2	17	170	5	.....	.....
59	16	Electrical machinery	7	2	363	2	76	263	18	4	.....
60	17	Machinery (except electrical)	13	4	837	4	113	586	26	105	3
61	19	Transportation equipment except automobiles	7	3	583	3	63	513	4	.....	.....
62	20	Miscellaneous industries	12	6	915	13	54	808	33	7	.....
63	5	Lumber and timber basic products	3	1	414	4	14	396	.....	.....	.....
	12	Leather and leather products	12	13	917	10	33	856	15	3	.....
	18	Automobiles and automobile equipment	9	8	2,019	4	168	1,650	197	.....	.....
	2	Tobacco manufactures	3	3	244	4	18	200	21	.....	1
	11	Rubber products	2								

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.
[2] Figures do not include data for personnel of central-administrative offices.
[3] Each of the averages in the "Wage earners" column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	
16,234	4,182	9,226	1,375	1,451	----	----	17,445	1,978	45	138	15,284	35,844	18,399	1
2,503,565	527,293	256,113	532,689	1,161,414	9,025	17,031	5,784,920	5,652,391	35,728	95,901	900	14,272,557	8,487,637	2
72,479	1,463	20,875	48,391	1,750	----	----	112,594	103,948	6,033	2,326	287	211,141	98,547	3
263,543	69,757	41,356	86,695	60,775	2,160	2,800	867,042	851,679	3,727	8,180	3,456	1,588,092	721,050	4
(5)	(5)	(5)	(5)	----	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	5
881,512	106,000	131,418	382,825	250,404	10,865	----	2,789,588	2,755,852	18,102	15,634	----	4,132,939	1,343,351	6
169,806	25,866	22,262	97,825	22,189	----	1,664	206,422	196,373	3,122	3,927	3,000	430,187	223,765	7
194,742	61,405	27,418	62,319	43,600	----	----	367,568	364,735	1,441	1,392	----	766,035	398,467	8
107,144	27,675	24,907	50,248	4,314	----	----	51,937	47,347	951	2,795	844	232,161	180,224	9
368,618	104,698	226,768	----	37,152	----	----	344,981	44,067	----	----	300,914	1,007,064	662,083	10
288,318	22,400	45,393	178,734	41,791	----	----	79,972	74,629	1,520	3,623	200	583,056	503,084	11
121,915	8,800	14,576	79,134	19,405	----	----	309,537	301,926	2,647	4,964	----	651,554	342,017	12
1,967,097	198,909	279,385	1,275,488	185,809	5,015	22,491	6,345,003	6,238,544	28,873	51,872	25,714	10,281,997	3,936,994	13
(5)	(5)	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	14
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	15
345,786	46,676	44,765	124,836	129,252	----	257	3,467,029	3,435,764	3,511	27,754	----	4,312,672	845,643	16
450,859	48,129	38,057	327,522	37,151	----	----	1,962,875	1,927,602	5,746	29,527	----	2,361,377	398,502	17
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	18
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	19
(5)	----	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	20
38,017	----	1,940	28,817	7,260	----	----	59,354	58,703	33	618	----	110,966	51,612	21
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	22
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	23
277,333	27,061	20,257	152,413	74,794	----	2,808	2,244,768	2,200,637	15,306	18,825	10,000	2,754,480	509,712	24
4,878,396	284,873	483,034	3,986,044	104,749	12,784	6,912	8,183,198	7,698,185	168,608	33,326	283,079	18,174,927	9,991,729	25
376,194	73,428	24,972	164,414	108,190	----	5,190	1,070,477	1,059,942	2,740	7,333	462	1,695,196	624,719	26
180,821	32,435	9,458	117,716	21,212	----	----	114,261	107,273	2,843	2,831	1,314	395,942	281,681	27
(5)	----	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	28
570,432	57,963	96,750	262,014	153,705	----	----	622,183	602,579	5,742	13,862	----	1,642,386	1,020,203	29
991,416	95,217	107,473	708,171	74,575	1,300	4,680	729,111	667,022	32,924	19,137	10,028	2,178,044	1,448,933	30
322,474	37,339	72,407	163,555	43,568	5,605	----	1,552,168	1,498,854	26,652	26,662	----	2,696,203	1,144,035	31
501,899	----	39,570	388,200	73,193	----	936	4,020,259	4,009,437	7,779	3,043	----	4,586,330	566,071	32
271,707	35,160	45,682	166,934	23,931	----	----	470,758	457,605	4,055	9,098	----	1,009,746	538,988	33
(5)	----	(5)	(5)	----	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	34
1,606,758	58,317	83,337	1,204,093	259,161	1,850	----	3,719,851	3,689,399	9,665	20,787	----	6,087,398	2,367,547	35
303,398	22,200	46,857	198,448	35,893	----	----	500,739	486,085	2,151	7,476	5,027	980,276	479,537	36
127,820	21,300	32,634	68,268	5,618	----	----	1,466,793	1,441,385	16,916	8,492	----	1,724,230	257,437	37
67,566	----	2,448	64,518	----	----	600	7,527	5,148	614	1,765	----	169,032	161,505	38
112,412	22,488	5,965	81,506	834	----	1,619	214,999	212,490	508	2,001	----	391,081	176,082	39
1,245,985	54,525	86,339	1,080,825	20,996	3,300	----	1,654,758	1,629,569	10,000	5,189	10,000	4,102,434	2,447,676	40
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	41
430,403	11,300	48,959	337,122	33,022	----	----	2,791,065	2,707,763	70,906	12,396	----	3,622,465	831,400	42
110,452	3,600	22,009	84,843	----	----	----	105,064	96,638	2,695	5,407	324	310,026	204,962	43
2,633,841	213,795	176,282	2,208,289	35,475	----	----	6,195,667	5,995,296	70,182	87,663	42,526	11,529,736	5,334,069	44
2,061,179	186,115	168,546	1,552,954	141,368	3,249	8,947	5,142,643	5,007,484	9,523	37,078	88,558	8,803,823	3,661,180	45
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	46
24,735,349	942,011	3,501,921	17,869,257	2,014,532	356,025	51,603	103,656,052	100,566,744	2,081,739	936,182	71,387	169,937,171	66,281,119	47
2,051,861	37,282	246,731	1,154,795	587,008	7,150	18,895	24,510,209	24,248,900	224,353	35,206	1,750	39,454,548	14,944,339	48
1,638,940	78,887	134,776	1,404,953	20,324	----	----	3,082,294	2,935,407	17,128	129,759	----	5,355,662	2,273,368	49
2,257,286	128,514	171,826	1,764,328	187,621	2,613	2,384	5,227,184	5,161,831	9,103	34,835	21,415	8,821,975	3,594,791	50
286,755	35,810	63,457	139,389	47,937	162	----	430,666	416,351	1,163	13,152	----	916,980	486,314	51
3,399,035	111,358	460,280	2,616,319	141,925	69,153	----	13,257,708	12,684,531	529,475	33,702	10,000	24,457,566	11,199,858	52
234,032	20,752	50,356	134,476	28,448	----	----	213,819	200,805	2,567	6,908	3,539	616,270	402,451	53
3,103,280	24,725	729,227	2,182,387	35,448	104,607	26,886	5,468,067	5,157,301	271,536	35,151	4,079	13,203,556	7,735,489	54
371,169	14,300	71,583	255,344	15,603	14,339	----	2,135,289	2,038,252	72,043	24,994	----	3,156,859	1,021,570	55
1,191,609	75,053	182,318	881,794	45,362	7,082	----	1,912,287	1,228,102	531,723	152,462	----	4,652,420	2,740,133	56
2,802,310	152,349	421,586	1,920,201	231,687	75,687	800	5,531,639	5,005,641	282,762	231,489	11,747	10,213,434	4,681,795	57
176,955	8,600	31,415	130,726	6,214	----	----	699,893	683,790	5,385	9,393	1,325	1,243,781	543,888	58
435,439	11,062	123,678	264,510	32,854	3,335	----	1,273,088	1,246,995	3,281	22,812	----	2,226,856	953,768	59
780,329	25,834	110,089	530,799	56,093	55,425	2,089	1,032,713	965,181	22,735	30,496	14,301	2,507,515	1,474,802	60
752,121	8,520	116,182	622,475	4,944	----	----	1,106,838	1,081,618	11,879	12,278	1,063	1,969,151	862,313	61
721,735	57,411	94,283	479,121	77,448	13,472	----	783,270	752,413	10,147	20,710	----	2,243,179	1,459,909	62
4,532,493	151,554	494,134	3,387,640	495,616	3,000	549	36,991,088	36,759,626	86,459	142,835	2,168	48,897,419	11,906,331	63

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[6] For numbers of establishments and of wage earners in individual industries, see table 11.

Table 9. GENERAL STATISTICS FOR ATLANTA, BY INDUSTRIES: 1939

[This table presents separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments, and gives statistics for the remaining industries both in combination as "Other industries" and by industry groups. Certain of the industries for which combined figures are given, however, reported larger numbers of wage earners or larger values of products than some of those shown separately. No data for nonmanufacturing personnel, except salaried officers of corporations, are included in this table]

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
	All industries, total	515	231	464	2,492	20,857	$2,329,996	$4,349,949	$19,408,910	$96,510,283	$165,729,836	$69,219,553
8	Books: publishing without printing [a]	8	3	5	77	2	21,073	67,040	1,868	173,620	484,599	310,979
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	33	20	17	79	1,146	94,260	148,188	1,226,126	3,108,351	6,904,168	3,795,817
1	Candy and other confectionery products	11	9	9	36	296	34,050	41,432	188,644	921,887	1,577,789	655,902
6	Caskets, coffins, burial cases, and other morticians' goods	4	2	4	17	197	19,600	31,856	202,725	434,413	958,322	523,909
13	Concrete products	5	2	5	10	76	25,900	16,709	44,290	239,702	459,251	219,549
3	Cotton broad woven goods	3	..	3	74	2,794	34,104	150,984	2,055,532	4,192,366	7,864,858	3,672,492
9	Cottonseed oil, cake, meal, and linters	3		2	14	133	11,804	25,826	85,494	1,626,073	1,990,944	364,871
9	Drugs and medicines (including drug grinding)	10	.	20	19	64	77,806	34,600	38,993	362,234	2,640,902	2,278,668
15	Electroplating, plating, and polishing	3	4		1	38		(4)	(4)	(4)	(4)	(4)
8	General commercial (job) printing	56	45	22	93	635	83,921	168,965	797,802	1,220,803	3,302,150	2,081,347
14	Gray-iron and semisteel castings	5	2	3	18	178	6,500	35,254	175,906	241,595	686,807	445,212
20	Hand stamps, stencils, and brands	3	3	2	..	13	4,060		17,270	25,137	70,887	45,750
1	Ice cream and ices	10	3	7	19	89	30,745	29,548	75,026	641,490	1,298,559	657,069
1	Ice, manufactured	17	2	3	19	92	(4)	(4)	(4)	(4)	(4)	(4)
17	Industrial machinery, not elsewhere classified	3	2	4	5	30	(4)	(4)	(4)	(4)	(4)	(4)
9	Insecticides, fungicides, and related industrial and household chemical compounds	4	3	5	4	8	29,260	5,307	6,981	204,172	328,850	124,678
8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	4		13	20	142	60,255	25,067	195,440	384,438	829,005	444,567
8	Machine and hand typesetting (including advertisement typesetting)	4	3	2	3	45	4,990	3,359	70,167	10,294	127,768	117,474
17	Machine-shop products, not elsewhere classified	3	...	2	2	20	(4)	(4)	(4)	(4)	(4)	(4)
17	Machine-shop repairs	9	10	2	7	59	2,400	11,388	71,186	46,028	183,253	137,225
6	Mattresses and bedsprings	4	1	4	71	822	(4)	(4)	(4)	(4)	(4)	(4)
4	Men's neckwear—made in inside factories or by jobbers engaging contractors	3	4	. . .	1	76	.	1,916	38,484	142,740	240,345	97,605
4	Millinery	5	1	10	40	463	64,700	51,926	355,432	909,868	1,681,356	771,488
18	Motor vehicles, motor-vehicle bodies, parts and accessories	5	2	3	161	1,556	(4)	(4)	(4)	(4)	(4)	(4)
8	Newspapers publishing and printing	5	--	10	429	484	65,780	731,229	848,740	1,229,123	4,916,352	3,687,229
1	Nonalcoholic beverages [a]	14	6	17	28	167	130,910	41,816	148,661	1,519,108	4,062,187	2,543,079
15	Nonferrous-metal foundries (except aluminum)	5	3	1	10	50	1,463	20,875	48,391	112,594	211,141	98,547
9	Paints, varnishes, and lacquers	6	1	13	14	64	(4)	(4)	(4)	(4)	(4)	(4)
7	Paperboard containers and boxes not elsewhere classified [b]	12		13	96	476	92,900	125,182	357,851	2,744,593	4,020,026	1,275,433
6	Partitions, shelving, cabinet work, and office and store fixtures [a]	6	3	7	13	88	25,866	22,262	97,825	206,422	430,187	223,765
9	Perfumes, cosmetics, and other toilet preparations [a]	13	3	15	25	98	61,405	27,418	62,319	367,568	766,035	398,467
8	Periodicals: publishing without printing	18	8	19	105	.	104,698	210,395	..	312,846	937,132	624,286
8	Photoengraving, not done in printing establishments (including preparation of plates)	3	...	3	24	70	19,400	40,070	152,904	66,417	479,218	412,801
5	Planing mills not operated in conjunction with sawmills	8	2	3	37	314	9,000	65,496	264,964	1,204,451	1,960,421	755,970
1	Prepared feeds (including mineral) for animals and fowls	4	2	4	6	77	11,276	9,590	50,691	1,888,630	2,308,709	420,079
17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	3	-- --	- ---	27	272	..... - --	(4)	(4)	(4)	(4)	(4)
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	5	7	1	2	76	(4)	(4)	(4)	(4)	(4)	(4)
15	Sheet-metal work not specifically classified	6	4	9	7	74	(4)	(4)	(4)	(4)	(4)	(4)
20	Signs, advertising displays, and advertising novelties	9	3	9	8	76	32,435	6,858	108,306	108,002	366,042	258,040
9	Soap and glycerin	3	2	--------	4	22	----------	(4)	(4)	(4)	(4)	(4)

See footnote at end of table.

TABLE 9.—GENERAL STATISTICS FOR ATLANTA, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees[1]	*Wage earners (average for year)[2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
17	Textile machinery	5	-------	10	17	114	(4)	(4)	(4)	(4)	(4)	(4)
6	Upholstered household furniture	4	3	3	25	150	(4)	(4)	(4)	(4)	(4)	(4)
4	Women's and misses' dresses (except house dresses)—made in contract factories	5	5	-------	3	117	-------	$2,448	$64,518	$7,527	$169,032	$161,505
4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	6	3	8	3	120	$22,488	5,965	81,506	214,999	391,081	176,082
4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	5	1	8	22	680	51,365	33,702	367,284	998,424	1,824,290	825,866
	Other industries [5]	225	84	218	1,168	11,672	1,104,661	2,164,642	11,150,018	70,790,638	111,611,670	40,821,032
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	52	19	34	138	1,289	161,048	257,085	1,116,215	13,318,825	24,402,482	11,083,657
3	Textile-mill products and other fiber manufactures	3	-------	9	30	567	57,430	42,512	409,956	1,309,641	2,190,267	880,626
4	Apparel and other finished products made from fabrics and similar materials	21	15	19	84	1,539	76,312	123,548	1,039,571	5,273,129	6,779,719	1,506,590
6	Furniture and finished lumber products	20	6	18	149	1,210	112,633	225,381	1,110,842	3,188,322	6,531,037	3,342,715
7	Paper and allied products	6	1	11	59	486	97,664	105,426	418,831	1,939,993	3,708,229	1,768,236
8	Printing, publishing, and allied industries	17	6	21	49	244	69,163	80,342	276,487	295,211	1,056,174	760,963
9	Chemicals and allied products	25	6	20	41	214	108,129	91,801	183,734	1,680,094	3,300,835	1,620,741
13	Stone, clay, and glass products	6	1	6	6	128	22,425	8,950	144,944	261,776	602,500	340,724
14	Iron and steel and their products, except machinery	13	6	18	173	1,667	131,002	375,453	1,683,532	4,529,075	8,217,655	3,688,580
15	Nonferrous metals and their products	11	9	10	15	134	33,965	24,313	110,002	293,652	661,154	367,502
16	Electrical machinery	6	2	2	65	227	11,062	112,885	232,632	1,004,998	1,782,560	777,562
17	Machinery (except electrical)	19	2	27	79	683	122,787	127,668	539,865	1,148,322	3,042,731	1,894,409
20	Miscellaneous industries	12	7	11	52	748	47,441	91,375	440,886	713,989	2,065,021	1,351,032
12	Leather and leather products	5	-------	8	21	646						
18	Automobiles and automobile equipment	5	2	3	161	1,556	53,600	497,903	3,442,521	35,833,611	47,271,306	11,437,695
10	Products of petroleum and coal	1										
11	Rubber products	1	2	1	46	334						
19	Transportation equipment except automobiles	2										

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries." See also footnotes *a* and *b*.

[1] Figures do not include data for personnel of central-administrative offices.

[2] Each of the averages in the "Wage earners" column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

[4] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.

[5] For numbers of establishments and of wage earners in individual industries, see table 11.

[a] and [b] To avoid disclosing exact or approximate data for individual establishments, the data for certain establishments located outside Atlanta have been included in the figures for the industries to which these footnotes are indexed. Data for these establishments are not, however, included in the total for the city.

[a] 1 establishment. [b] 2 establishments.

Table 10.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939

County	Total	Industry group 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
The State	3,150	631	3	217	157	657	116	30	283	714	7	2	17	105	47	24	7	84	9	7	33
Appling	22	2				1				19											
Atkinson	15	1								14											
Bacon	6	1								5											
Baker	2									2											
Baldwin	16	5				6			2					3							
Barrow	15	1			9		2		1	1			1								
Bartow	25	4		2	3	6			2	5				3							
Ben Hill	14	4		2	1	1			1	5											
Berrien	13	1				2			1	7								2			
Bibb	101	34		11	2	7	9	1	8	11			2	7	2			3		1	3
Bleckley	6	1			1	2			1					1							
Brantley	12					1				11											
Brooks	19	3		1		8			1	6											
Bryan	13					3				10											
Bulloch	31	7				5				17				1				1			
Burke	14	2				6			1	4								1			
Butts	5	2		1					1	1											
Calhoun	8					2				6											
Camden	15	2				4				9											
Candler	5	1				2				2											
Carroll	23	3		13	1		2		2	2											
Catoosa	3				1	2															
Charlton	11					3				8											
Chatham	146	38	1	1	3	15	10	3	17	33	4			7	5	2		4	2	1	
Chattahoochee	5	1				4															
Chattooga	16	1		7	1	5	1		1												
Cherokee	18			3	1	8			1					5							
Clarke	36	14		5	5	1			3	5								2			1
Clay	6					5				1											
Clayton	5	2		1			2														
Clinch	25	1				12				12											
Cobb	27	6		3	1	5	3	1	3					3				1			1
Coffee	28	4		1		5			2	16											
Colquitt	36	10		1	1	3	1		3	15					2						
Columbia	10					9								1							
Cook	10	1				2	1		1	5											
Coweta	27	2		11		8			3	2					1						
Crawford	6					6															
Crisp	26	8		1	1	2			4	6				1	1			2			
Dade	2					2															
Dawson	3					3															
Decatur	25	6				4	2		1	8				2	1			1			
De Kalb	30	7		2	2	5	1		3	1				6				2		1	
Dodge	20	2		1		3			2	12											
Dooly	6	2				2				2											
Dougherty	31	13	1	2		2	1		3	7								2			
Douglas	5	1		1	1	1			1												
Early	11	1		1		1	2		1	5											
Echols	3									3											
Effingham	15	1				3				11											
Elbert	24	3		3					1	1				15				1			
Emanuel	29	6				3				20											
Evans	12	3				2				7											
Fannin	3			1		2															
Fayette	3			1		1				1											
Floyd	57	11		6	6	7	3	1	6	3				3	6			5			
Franklin	7	1		3					2	1											
Fulton	590	133		17	48	16	34	19	11	67	1	2	6	16	21	19	7	34	6	3	24
Gilmer	4				1	3															
Glascock	4	1				3															
Glynn	35	9				10	3	1	4	5				1		1				1	
Gordon	31	2		3	14	10			1					1							
Grady	18	2				7			1	8											
Greene	11	1		2		7			1												
Gwinnett	14	3			1	3			1				6								
Habersham	12	2		1	1	2	1		2				1								2
Hall	27	9		5	1	2	4		3					1	1						1
Hancock	24	1				18			1	1				3							
Haralson	7			1	3	2			1												
Harris	10	3				7															
Hart	5	2		1	1				1												
Heard	2					2															
Henry	12	2		2		2	1		1	1								3			
Houston	8	1				3	1							3							
Irwin	11	1				1			1	8											

TABLE 10.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939—Continued

COUNTY	Total	INDUSTRY GROUP																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Jackson	11	2		2	2	1				4											
Jasper	12	4				6			1	1											
Jeff Davis	11	1				1				9											
Jefferson	18	4				11				3											
Jenkins	11	1				4				6											
Johnson	7	1								6											
Jones	5	2				3															
Lamar	7	1		3		1	1		1												
Lanier	6					1				4	1										
Laurens	22	5				4	1		1	11											
Lee	1					1															
Liberty	17	2				8				7											
Lincoln	4					4															
Long	12					4				8											
Lowndes	44	18		1		7	1		3	12				1				1			
Lumpkin	2					2															
Macon	4	1		1		1				1											
Marion	4					2	1			1											
McDuffie	10	3			1	5	1														
McIntosh	8	4				1				3											
Meriwether	9	4		1					1	2								1			
Miller	4					1				3											
Mitchell	18	3				3	1		2	9											
Monroe	18	3		4		9			1	1											
Montgomery	11					4				7											
Morgan	6				1	1				4											
Murray	11				1	6	1							3							
Muscogee	83	26		16	2	7	5		7	7				2	3	1		7			
Newton	15	4		4		3			1	2				1							
Oconee	1					1															
Oglethorpe	4			1		3															
Paulding	7	1		3		3															
Peach	14	3		1		2	1	1	1	2								2	1		
Pickens	10					5								5							
Pierce	10	1				1				8											
Pike	8	3				2	1			2											
Polk	22	6		4		4		1	2	2				1	1			1			
Pulaski	10	4		1		2			1	2											
Putnam	16			1		13			1							1					
Rabun	3					2			1												
Randolph	15	1				12				2											
Richmond	78	27	1	7	2	5	3		13	12				4				3			1
Rockdale	5	2		1		2															
Schley	4					4															
Screven	19	2				8				9											
Seminole	8	2				3				3											
Spalding	38	10		14	1	4	2	1	3	2				1							
Stephens	15	3		1	2	1	6		1									1			
Stewart	25	2				22			1												
Sumter	30	9			1	10	1		4	4				1							
Talbot	12					9	3														
Taliaferro	10					10															
Tattnall	13	2				2				9											
Taylor	10			1		6				3											
Telfair	27	4				4			1	18											
Terrell	14	2				4			1	6								1			
Thomas	25	9				5	1	1	2	5				1	1						
Tift	23	9		1		2			1	10											
Toombs	22	5				5				11				1							
Treutlen	6	1								5											
Troup	38	11		11		6			4	2					1			3			
Turner	6	1				1				4											
Twiggs	3	1				2															
Union	1					1															
Upson	20	6		4		7	1		1	1											
Walker	22	2		9	2	6			2	1											
Walton	15	1		3	2	1			2	6											
Ware	35	8				4			2	20			1								
Warren	10					7			1	1	1										
Washington	34	5		1		25			1	2											
Wayne	23	1			1	3			1	17											
Webster	10					10															
Wheeler	6					2				4											
White	2					2															
Whitfield	45	3		3	28	5	1		2	1				1	1						
Wilcox	8	1				1				6											
Wilkes	19	3			1	13			1	1											
Wilkinson	13					13															
Worth	13			1		1			1	10											

TABLE 11. INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE AND FOR ATLANTA: 1939

[In order to avoid disclosing data for individual establishments, wage-earner figures for industries represented by fewer than three establishments are withheld]

Group No.	TITLE	Number of establishments	Wage earners
	STATE OF GEORGIA		
1	Biscuit, crackers, and pretzels	2	-
	Cane sugar refining	1	
	Cheese	2	
	Flavoring extracts and flavoring sirups, not elsewhere classified	10	116
	Liquors, distilled	1	-
	Malt liquors	1	-
	Preserves, jams, jellies, and fruit butters	1	-
	Salad dressings	3	85
	Special dairy products	1	-
	Wines	2	-
2	Cigars	3	121
3	Batting, padding, and wadding, upholstery filling	2	-
	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	2	-
	Cotton narrow fabrics	2	-
	Hat bodies and hats, wool felt	1	-
	Jute goods (except felt	2	-
	Rayon-broad woven goods—regular factories or jobbers engaging contractors	3	1,384
	Silk throwing and spinning—contract factories	1	-
	Silk yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	2	-
4	Belts (apparel), regardless of material	1	-
	Corsets and allied garments	2	-
	Curtains, draperies, and bedspreads—contract factories	1	-
	House furnishings (except curtains, draperies, and bedspreads	3	141
	Men's and boys' hats and caps (except felt and straw)	1	-
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in contract factories	1	-
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	7	974
	Miscellaneous fabricated textile products not elsewhere classified	3	107
	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	1	-
	Work gloves and mittens, cloth, cloth and leather combined	1	-
	Work shirts	4	686
5	Plywood mills	3	396
6	Excelsior	2	-
	Mirror frames and picture frames	2	
	Public-building furniture	1	
	Venetian blinds	1	-
	Window shades	2	-
7	Coated and glazed paper	1	
	Converted paper products not elsewhere classified	4	342
	Envelopes	2	
	Fiber cans, tubes, and similar products	1	-
	Paper and paperboard mills	3	572
	Paper bags, except those made in paper mills	2	-
	Pulp mills	2	-
8	Electrotyping and stereotyping, not done in printing establishments	1	-
	Engraving (steel, copperplate, and wood); plate printing	2	-
	Gravure, rotogravure, and rotary photogravure (including preparation of plates	1	-
	Greeting cards (except hand-painted)	1	
9	Chemicals not elsewhere classified	3	54
	Coal-tar products, crude and intermediate	1	-
	Colors and pigments	2	-
	Grease and tallow (except lubricating greases)	1	-
	Lubricating oils and greases—not made in petroleum refineries	1	-
	Printing ink	2	-
	Rayon and allied products	1	-
	Soap and glycerin	3	22
	Wood naval stores	3	388
10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	4	97
	Petroleum refining	1	-
	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	2	-
11	Rubber products not elsewhere classified	2	-
12	Industrial leather belting and packing leather	2	-
	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	2	-
	Saddlery, harness, and whips	8	471
	STATE OF GEORGIA—Continued		
13	Asbestos products (except steam packing and pipe and boiler covering)	1	-
	Cement	2	-
	Clay refractories, including refractory cement (clay)	3	437
	Floor and wall tile (except quarry tile)	1	-
	Gypsum products	1	-
	Lime	1	-
	Mirrors and other glass products made of purchased glass	1	-
	Pottery products not elsewhere classified	2	-
	Roofing tile	1	-
	Sewer pipe and kindred products	2	-
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	1	-
14	Cast-iron pipe and fittings	2	-
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semi-vitreous china sanitary ware)	1	-
	Power boilers and associated products	3	318
	Saws	2	-
	Steel castings	1	-
	Steel works and rolling mills	1	-
	Tin cans and other tinware not elsewhere classified	3	256
	Wirework not elsewhere classified	2	-
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	2	-
	Aluminum ware, kitchen, hospital, and household (except electrical appliances)	1	-
	Electroplating, plating, and polishing	3	38
	Jewelry (precious metals)	2	-
16	Batteries, storage and primary (dry and wet)	2	-
	Communication equipment	1	-
	Electrical products not elsewhere classified	1	-
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	2	-
	Wiring devices and supplies	1	-
17	Cars and trucks, industrial	1	-
	Commercial laundry, dry-cleaning, and pressing machinery	1	-
	Construction and similar machinery (except mining and oil-field machinery and tools)	1	-
	Elevators, escalators, and conveyors	1	-
	Food-products machinery	1	-
	Printing-trades machinery and equipment	2	-
	Pumping equipment and air compressors	3	47
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	3	272
18	Motor vehicles, motor-vehicle bodies, parts and accessories	9	1,650
19	Cars and car equipment—railroad, street, and rapid-transit	2	-
	Locomotives (including frames) and parts: railroad, mining, and industrial	1	-
	Motorcycles, bicycles, and parts	1	-
	Shipbuilding and ship repairing	2	-
	Transportation equipment not elsewhere classified	1	-
20	Brushes	1	-
	Games and toys (except dolls and children's vehicles)	2	-
	Miscellaneous fabricated products not elsewhere classified	2	-
	Models and patterns (except paper patterns)	1	-
	Pencils (except mechanical) and crayons	1	-
	Pens, mechanical pencils, and pen points	1	-
	Professional and scientific instruments (except surgical and dental)	1	-
	Sporting and athletic goods not elsewhere classified	1	-
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	2	-
	CITY OF ATLANTA		
1	Biscuit, crackers, and pretzels	1	-
	Blended and prepared flour made from purchased flour	1	-
	Canned and dried fruits and vegetables (including canned soups)	1	-
	Cooking and other edible fats and oils, not elsewhere classified	1	-
	Creamery butter	1	-
	Flavoring extracts and flavoring sirups, not elsewhere classified	8	54
	Food preparations, not elsewhere classified	10	302
	Ice, manufactured	17	92
	Malt liquors	1	-
	Meat packing, wholesale	2	-
	Salad dressings	2	-
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	5	76
	Special dairy products	1	-
	Wines	1	-

See footnote at end of table.

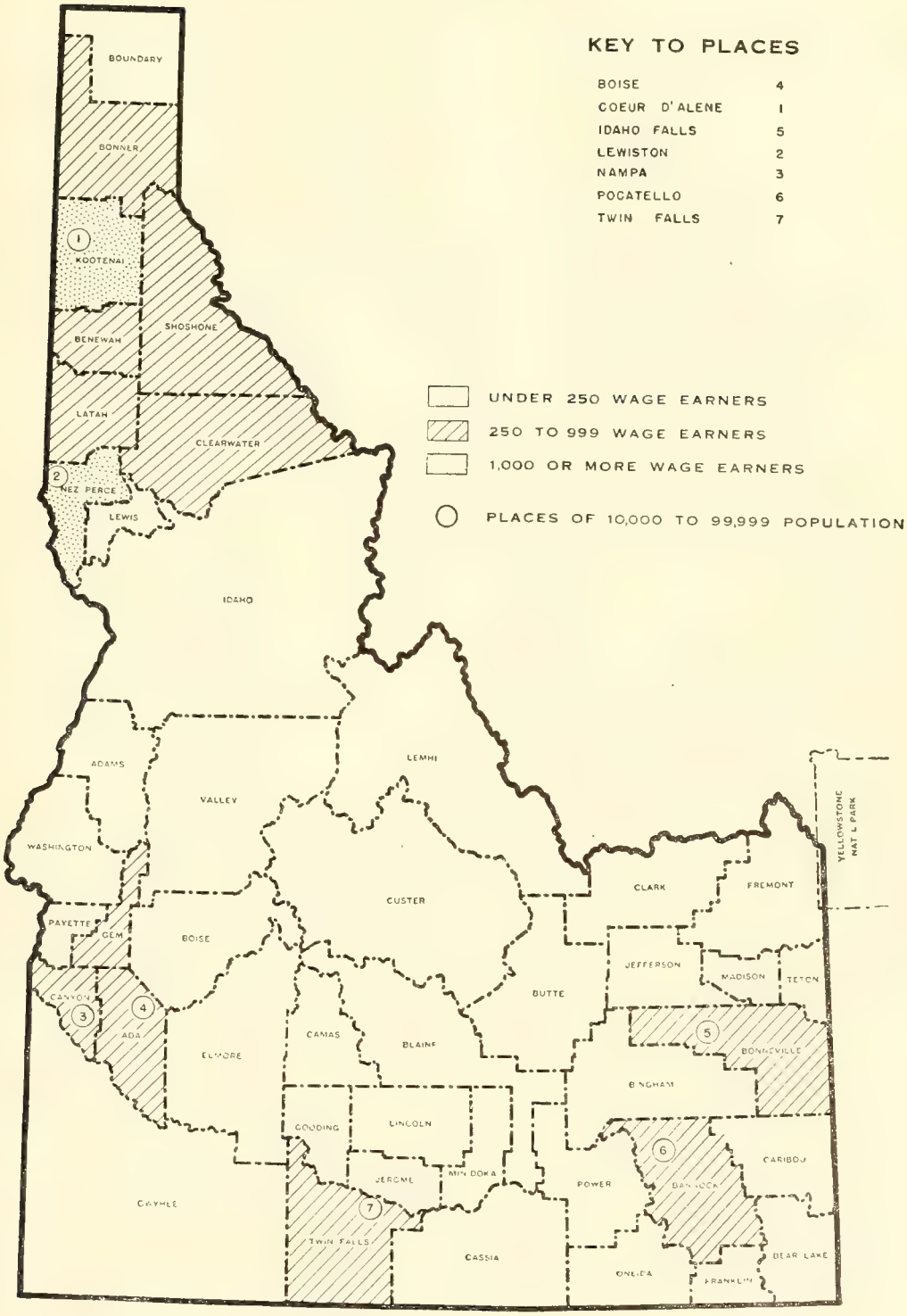
TABLE 11.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE AND FOR ATLANTA: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	CITY OF ATLANTA—Continued		
3	Hosiery—seamless	1	
	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	1	
	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	1	
4	Belts (apparel), regardless of material	1	
	Canvas products (except bags)	2	
	Corsets and allied garments	2	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	3	300
	Housefurnishings (except curtains, draperies, and bedspreads)	3	141
	Men's and boys' hats and caps (except felt and straw)	1	
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	1	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	2	
	Miscellaneous fabricated textile products not elsewhere classified	1	
	Textile bags—not made in textile mills	2	
	Trousers (semidress), wash suits, and washable service apparel	2	
	Work shirts	1	
6	Cooperage	2	
	Excelsior	1	
	Household furniture, except upholstered	2	
	Mattresses and bedsprings	4	822
	Mirror frames and picture frames	2	
	Upholstered household furniture	4	150
	Venetian blinds	1	
	Window shades	2	
	Wooden boxes except cigar boxes	1	
	Wood preserving	1	
7	Coated and glazed paper	1	
	Converted paper products not elsewhere classified	3	325
	Envelopes	2	
8	Bookbinding and related industries	7	25
	Books: printing without publishing	4	111
	Electrotyping and stereotyping, not done in printing establishments	1	
	Engraving (steel, copperplate, and wood); plate printing	1	
	Gravure, rotogravure, and rotary photogravure (including preparation of plates)	1	
	Greeting cards (except hand-painted)	1	
	Periodicals: publishing and printing	2	
9	Chemicals not elsewhere classified	1	
	Cleaning and polishing preparations, blackings, and dressings	3	17
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	6	38
	Fertilizers	2	
	Paints, varnishes, and lacquers	6	64
	Printing ink	2	
	Soap and glycerin	3	22
	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	2	
10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	1	
11	Rubber products not elsewhere classified	1	
	CITY OF ATLANTA—Continued		
12	Footwear (except rubber)	3	621
	Industrial leather belting and packing leather	2	
13	Asbestos products (except steam packing and pipe and boiler covering)	1	
	Mirrors and other glass products made of purchased glass	1	
	Monuments, tombstones, cut-stone and stone products not elsewhere classified	2	
	Pottery products not elsewhere classified	1	
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	1	
14	Cast-iron pipe and fittings	2	
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	1	
	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	2	
	Power boilers and associated products	1	
	Saws	1	
	Steel works and rolling mills	1	
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	1	
	Tin cans and other tinware not elsewhere classified	2	
	Wirework not elsewhere classified	2	
15	Electroplating, plating, and polishing	3	38
	Jewelry (precious metals)	2	
	Sheet-metal work not specifically classified	6	74
16	Batteries, storage and primary (dry and wet)	1	
	Communication equipment	1	
	Electrical products not elsewhere classified	1	
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	2	
	Wiring devices and supplies	1	
17	Agricultural machinery (except tractors)	1	
	Elevators, escalators, and conveyors	1	
	Industrial machinery, not elsewhere classified	3	30
	Machine-shop products, not elsewhere classified	3	20
	Printing-trades machinery and equipment	1	
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	3	272
	Special-industry machinery, not elsewhere classified	2	
	Textile machinery	5	114
18	Motor vehicles, motor-vehicle bodies, parts and accessories	5	1,556
19	Cars and car equipment—railroad, street, and rapid-transit	1	
	Motorcycles, bicycles, and parts	1	
20	Brooms	1	
	Brushes	1	
	Games and toys (except dolls and children's vehicles)	2	
	Miscellaneous fabricated products not elsewhere classified	2	
	Models and patterns (except paper patterns)	1	
	Pencils (except mechanical) and crayons	1	
	Pens, mechanical pencils, and pen points	1	
	Professional and scientific instruments (except surgical and dental)	1	
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	2	

[1] For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and of industry groups, sec. 27.

IDAHO

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939



IDAHO

Table 1.—SUMMARY FOR THE STATE: 1939, 1937, AND 1929

Census year	Number of establishments	Proprietors and firm members	Number of persons employed in manufacturing [1]	Salaries and wages [1]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2]	Value of products [2]	Value added by manufacture [3]
1939	549	426	12,232	$15,366,639	$58,704,943	$90,475,147	$31,770,204
1937	533	371	14,116	18,735,072	63,633,304	101,324,545	37,691,241
1929	548	335	15,855	23,419,670	50,132,977	92,496,313	42,363,336

[1] Figure for 1939 does not include data for employees of manufacturing establishments (except salaried officers of corporations) who were engaged in distribution, construction, and other nonmanufacturing work. For detail, see table 8. It is not known to what extent data for such nonmanufacturing employees were included in figures reported for earlier years. See General Explanations—Persons engaged—general classification.

[2] The aggregates for cost of materials, etc., and value of products include large amounts of duplication due to the use of the products of some industries as materials by others. See General Explanations—Duplication in cost of materials and value of products.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See General Explanations—Value added by manufacture.

Table 2.—SUMMARY FOR COUNTIES AND PLACES: 1939

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
The State	524,873	[5] 549	10,877	$12,754,127	$58,704,943	$90,475,147	$31,770,204
COUNTIES [5]							
Ada	50,401	52	439	565,391	3,460,369	5,336,055	1,875,686
Adams	3,407	3	31	14,000	17,375	42,666	25,291
Bannock	34,759	35	392	438,302	5,981,308	8,085,846	2,104,538
Bear Lake	7,911	9	27	24,460	173,015	233,124	60,109
Benewah	7,332	20	468	455,727	746,054	1,760,293	1,014,239
Bingham	21,044	13	227	208,384	1,479,389	2,107,609	628,220
Blaine	5,295	5	13	11,902	68,121	108,157	40,036
Boise	2,333	5	116	120,286	242,435	379,720	137,285
Bonner	15,667	31	680	797,872	1,554,938	2,919,297	1,364,359
Bonneville	25,697	32	394	350,967	2,048,032	3,353,929	1,305,897
Boundary	5,987	9	91	107,914	159,594	350,609	191,015
Butte [6]	1,877	2					
Camas [6]	1,360						
Canyon	40,987	44	730	997,026	5,902,885	8,110,409	2,207,524
Caribou	2,284	4	17	13,886	139,250	175,081	35,831
Cassia [6]	14,430	9	187				
Clark [6]	1,005	2					
Clearwater	8,243	18	597	618,167	1,213,022	2,272,210	1,059,188
Custer [6]	3,549	1					
Elmore	5,518	6	33	24,264	27,425	89,869	62,444
Franklin	10,229	9	176	155,475	1,272,278	1,970,279	698,001
Fremont [6]	10,304	6	23				
Gem [6]	9,544	6	692				
Gooding	9,257	6	8	9,170	48,549	85,253	36,704
Idaho	12,691	8	19	17,036	99,938	158,233	58,295
Jefferson [6]	10,762	2					
Jerome [6]	9,900	11	107				
Kootenai	22,283	29	1,157	1,469,729	2,595,113	5,722,875	3,127,762
Latah	18,804	24	763	974,232	1,568,915	3,549,393	1,980,478
Lemhi	6,521	6	18	17,593	108,296	145,018	36,722
Lewis [6]	4,666	2					
Lincoln	4,230	3	6	5,439	10,863	25,831	14,968
Madison	9,186	9	167	151,530	1,334,603	1,909,491	574,888
Minidoka [6]	9,870	8	118				
Nez Perce	18,873	18	1,358	1,863,834	2,954,089	6,517,633	3,563,544
Oneida	5,417	4	12	14,168	198,247	272,831	74,584
Owyhee [6]	5,652	1					
Payette	9,511	15	232	152,174	825,512	1,182,873	357,361
Power	3,965	3	5	5,107	47,899	70,189	22,290
Shoshone [6]	21,230	26	746				
Teton	3,601	4	9	10,606	179,600	202,774	23,174
Twin Falls	36,403	27	324	358,261	2,867,346	4,855,579	1,988,233
Valley	4,035	8	200	223,331	334,693	737,922	403,229
Washington	8,853	14	76	66,229	394,829	620,388	225,559
Undistributed [5]		76	2,089	2,511,665	20,650,961	27,123,711	6,472,750

See footnotes at end of table.

TABLE 2.—SUMMARY FOR COUNTIES AND PLACES: 1939—Continued

	Population, 1940	Number of establishments	Wage earners (average for year)[1]	Wages[1]	Cost of materials, supplies, fuel, purchased electric energy, and contract work[2 3]	Value of products[2 3]	Value added by manufacture[4]
PLACES HAVING 10,000 OR MORE INHABITANTS							
Boise	26,130	42	340	$462,695	$1,197,932	$2,772,005	$1,574,073
Coeur d'Alene	10,049	12	64	67,981	219,301	414,565	195,264
Idaho Falls[9]	15,024	27	161				
Lewiston[9]	10,548	15	126				
Nampa	12,149	19	435	712,647	2,093,472	3,203,129	1,109,657
Pocatello	18,133	24	153	172,524	1,272,468	2,131,293	858,825
Twin Falls	11,851	17	118	128,017	711,370	1,301,210	589,840

[1] Not including salaried officers and employees nor nonmanufacturing wage earners. The figure for each county or place is an average of the numbers reported for the several months of the year. In calculating it, equal weight must be given to full-time and to part-time wage earners (not reported separately by the manufacturers), and for this reason it exceeds the number that would have been required to perform the work done in the industries if all wage earners had been continuously employed throughout the year. The quotient obtained by dividing the amount of wages by the average number of wage earners cannot, therefore, be accepted as representing the average wage received by full-time wage earners. Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several counties do not add exactly to the average for the State. In making comparisons between the figures for 1939 and those for earlier years, the possibility that the proportion of part-time employment varied from year to year should be taken into account.

[2] Profits and losses cannot be calculated from the census figures because no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, and advertising.

[3] See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

[5] For numbers of establishments by "Industry groups," see table 9.

[6] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Undistributed" figures.

[7] No manufacturing reported.

[8] The "Undistributed" figure for number of establishments and a part of the "Undistributed" figure for number of wage earners are included above in the items for the respective counties. The sums of the figures in these two columns are, therefore, larger than the corresponding State totals.

[9] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments.

TABLE 3.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, BY SEX: 1939 AND 1929

[The 1939 questionnaire, for the first time, called for data on the *total* number of employees in manufacturing establishments, including those engaged wholly or chiefly in distribution, construction, and other nonmanufacturing activities. It is not known to what extent data for such employees were included in the figures reported for earlier years. This table presents detailed figures for employees receiving pay at any time within the *normal* pay-roll period ended nearest Oct. 14, 1939, and for such employees on the pay roll on Dec. 14, 1929, or on the nearest *representative* date. The total for "Wage earners engaged in manufacturing" is not identical with the average for the year (given in other tables) and differs from the number reported for October 1939 or for December 1929, because for both years some manufacturers gave wage-earner figures for months other than those specified. See GENERAL EXPLANATIONS—Persons engaged—general classification]

CLASS AND SEX	1939 (Oct. 14) [1]	1929 (Dec. 14) [1]
All classes, aggregate [2]	17,054	15,839
Male	15,965	15,144
Female	1,089	695
Salaried officers and employees, total	2,059	1,265
Male	1,674	1,030
Female	385	235
Salaried officers of corporations, total	190	185
Male	180	173
Female	10	12
All other employees (except wage earners in manufacturing), total	1,869	1,080
Male	1,494	857
Female	375	223
Salaried officers and employees—Continued.		
All other employees, etc.—Continued.		
Engaged in manufacturing:		
Male	889	(3)
Female	276	
Engaged in distribution:		
Male	470	
Female	91	
Engaged in construction:		
Male	118	
Engaged in other work:		
Male	17	
Female	8	
Wage earners engaged in manufacturing, total	14,995	14,574
Male	14,291	14,114
Female	704	460

[1] See headnote.
[2] Figures do not include data for 426 proprietors and firm members for 1939, which were not reported by sex, and 335 for 1929.
[3] No data.

TABLE 4.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS: 1939, 1937, AND 1929

[The figures for 1939 relate to wage earners engaged in manufacturing only. It is not known to what extent the figures for earlier years include data for nonmanufacturing wage earners. See headnote to table 3]

CENSUS YEAR	Average number employed during year [1]	NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH—											
		January	February	March	April	May	June	July	August	September	October	November	December
1939	10,877	8,059	6,804	6,828	8,356	10,548	11,745	12,693	13,025	13,516	14,373	13,315	11,257
1937	12,797	8,860	8,392	9,803	10,598	13,471	15,495	15,977	15,895	15,977	16,280	13,281	9,535
1929	14,590	11,796	11,201	11,640	13,358	15,092	16,088	16,218	16,465	16,168	17,272	16,407	13,377

[1] See GENERAL EXPLANATIONS—Wage earners and wages.

TABLE 5.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY NUMBER OF WAGE EARNERS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS	VALUE ADDED BY MANUFACTURE [2]
	1939	1929	1939	1929	1939	1939
All establishments	549	548	10,877	14,590	$90,475,147	$31,770,204
No wage earners	17	20			209,154	98,522
1 to 5	297	348	782	831	8,957,717	3,063,766
6 to 20	142	101	1,451	1,055	12,106,234	4,225,255
21 to 50	56	44	1,736	1,340	16,513,506	5,557,127
51 to 100	16	13	1,150	888	5,863,598	2,789,408
101 to 250	15	10	2,334	1,491	18,755,216	7,310,800
251 to 500	3	4	924	1,388	17,986,117	2,491,550
501 to 1,000	2	5	2,500	3,481	[3] 10,083,605	[3] 6,233,776
1,001 to 2,500	1	3		4,116		

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Combined to avoid disclosing data for individual establishments.

TABLE 6.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY VALUE OF PRODUCTS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
All establishments	549	548	10,877	14,590	$90,475,147	$92,496,313	$31,770,204	$42,363,336
$5,000 to $19,999	217	240	595	479	2,351,764	2,583,958	1,373,759	1,543,595
$20,000 to $49,999	124	110	899	486	3,871,771	3,502,260	1,864,185	1,622,042
$50,000 to $99,999	76	74	838	687	5,410,315	5,057,600	2,442,222	2,083,666
$100,000 to $249,999	73	55	1,507	966	11,163,257	8,832,325	4,365,825	3,757,227
$250,000 to $499,999	24	33	668	1,385	7,464,461	11,408,526	2,554,306	5,044,561
$500,000 to $999,999	16	17	1,354	1,480	11,116,105	12,175,070	3,872,982	4,678,966
$1,000,000 to $2,499,999	14	15	2,030	4,684	20,534,111	22,689,987	7,547,436	11,101,529
$2,500,000 to $4,999,999	4	[3] 4	2,986	4,423	28,563,363	26,246,587	7,749,489	12,531,750
$5,000,000 and over	1							

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Combined to avoid disclosing data for individual establishments.

TABLE 7.—ESTABLISHMENTS CLASSIFIED AS UNDER CORPORATE OR OTHER FORM OF OWNERSHIP (OR CONTROL) AND AS UNDER CENTRAL-ADMINISTRATIVE-OFFICE OR INDEPENDENT OPERATION: 1939 AND 1929

TYPE OF OWNERSHIP OR CONTROL, AND OF OPERATION	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
Total	549	548	10,877	14,590	$90,475,147	$92,496,313	$31,770,204	$42,363,336
TYPE OF OPERATION								
1939 [3]								
Corporate ownership or control:								
Central-administrative-office (plural-unit)	132	(3)	7,082	(3)	62,864,299	(3)	20,931,968	(3)
Independent (single-unit)	106	(3)	1,795	(3)	15,166,320	(3)	5,915,039	(3)
Noncorporate ownership:								
Central-administrative-office (plural-unit)	17	(3)	186	(3)	1,633,259	(3)	475,500	(3)
Independent (single-unit)	294	(3)	1,814	(3)	10,811,269	(3)	4,447,697	(3)
1939 AND 1929 [3]								
Central-administrative-office (plural-unit), corporate and noncorporate	149	117	7,268	8,229	64,497,558	56,455,425	21,407,468	22,707,544
Independent (single-unit), corporate and noncorporate	400	431	3,609	6,361	25,977,589	36,040,888	10,362,736	19,655,792
TYPE OF OWNERSHIP OR CONTROL								
Corporate	238	254	8,877	13,231	78,030,619	83,363,481	26,847,007	38,230,932
Noncorporate, total	311	294	2,000	1,359	12,444,528	9,132,832	4,923,197	4,132,404
Individual	210	(4)	1,246	(4)	7,157,872	(4)	2,830,769	(4)
Partnership	89	(4)	668	(4)	3,788,711	(4)	1,837,294	(4)
Cooperative	11	[5]	86		1,497,945		255,134	
Other	1							

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Because of changes in the questionnaire, no comparable figures for 1929 can be given for the first section of this table. For this reason, the items have been regrouped under "1939 and 1929" to present comparable figures so far as this can be done.
[4] No data.
[5] Figures for 1939 combined to avoid disclosing data for individual establishments; no data for 1929.

TABLE 8.—GENERAL STATISTICS

This table presents separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments. are given, however, reported larger numbers of wage earners or

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [3]	Manufacturing: Salaried employees [4]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
1		All industries, total	549	426	12,936	190	1,165	10,877	561	118	25
2	1	Beet sugar	8		1,007		110	897			
3	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	64	83	509	3	30	398	71		7
4	13	Brick and hollow structural tile	6	4	73	7	6	59	1		
5	1	Canned and dried fruits and vegetables (including canned soups)	11	3	341	3	20	286	29	3	
6	1	Cheese	28	1	78	1	8	68		1	
7	13	Concrete products	9	9	67	10	7	48	2		
8	1	Condensed and evaporated milk	4		68		9	58		1	
9	1	Creamery butter	53	32	647	11	143	426	56	10	1
10	1	Flour and other grain-mill products	28	8	238	15	36	158	24	2	3
11	8	General commercial (job) printing	12	9	99	11	11	62	15		
12	14	Gray iron and semisteel castings	3	3	11			11			
13	1	Ice cream and ices	14	6	89	7	13	35	33	1	
14	1	Ice, manufactured	11	6	101	5	12	34	47	1	2
15	5	Logging camps and logging contractors (not operating sawmills)	30	32	691	4	20	667			
16	17	Machine-shop products, not elsewhere classified	3	2	64		11	50	3		
17	17	Machine-shop repairs	7	8	25		1	23	1		
18	1	Malt liquors	5		78	3	17	38	20		
19	6	Mattresses and bedsprings	3	6	7			7			
20	1	Meat packing, wholesale	16	13	270	18	30	160	54	6	2
21	8	Newspapers, publishing and printing	63	59	699	23	200	391	85		
22	1	Nonalcoholic beverages	19	12	116	6	20	45	41	4	
23	5	Planing mills not operated in conjunction with sawmills	8	7	32	2	5	23	2		
24	1	Poultry dressing and packing, wholesale	4	1	29		4	25			
25	1	Prepared feeds (including mineral) for animals and fowls	11	5	57		10	46	1		
26	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	83	89	5,736	27	260	5,328	29	82	10
27	6	Wooden boxes except cigar boxes	5	3	58	2	4	50		2	
28	6	Wood preserving	9		195	9	11	173	2		
29		Other industries [6]	36	15	1,619	23	176	1,369	45	6	
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]									
30	1	Food and kindred products	9	5	248	4	39	198	6	1	
31	8	Printing, publishing, and allied industries	3	3	40	3	9	27	1		
32	13	Stone, clay, and glass products	5		114	4	13	91	3	3	
33	15	Nonferrous metals and their products	5	2	648		80	566	2		
34	17	Machinery (except electrical)	4	3	23	1	4	17	1		
35	4	Apparel and other finished products made from fabrics and similar materials	1	2	546	11	31	470	32	2	
	6	Furniture and finished lumber products	1								
	9	Chemicals and allied products	2								
	10	Products of petroleum and coal	1								
	14	Iron and steel and their products, except machinery	1								
	18	Automobiles and automobile equipment	1								
	19	Transportation equipment, except automobiles	1								
	20	Miscellaneous industries	2								

* As the figures for number of establishments and for personnel for the industry for which monetary items are withheld are given for the individual industry and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] See headnote to table 3 and GENERAL EXPLANATIONS. Persons engaged. general classification.

[2] Figures do not include data for personnel of central-administrative offices.

[3] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

FOR THE STATE, BY INDUSTRIES: 1939

and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures larger values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
16,314,412	605,842	2,006,670	12,754,127	698,048	158,330	91,395	58,704,943	55,246,793	1,329,052	950,729	1,178,369	90,475,147	31,770,204	1
1,147,022	----	197,320	865,449	----	22,505	61,748	6,143,222	5,665,138	465,612	12,472	----	10,305,297	4,162,075	2
568,501	16,085	47,272	448,122	53,353	----	3,669	1,239,705	1,150,127	35,611	53,967	----	2,498,370	1,258,665	3
57,463	13,552	7,080	35,673	1,158	----	----	24,605	7,596	13,598	3,411	----	102,146	77,541	4
166,188	8,400	17,827	128,645	10,416	800	100	362,367	331,372	20,475	10,520	----	690,015	327,648	5
88,262	1,380	10,562	75,240	----	1,080	----	1,203,038	1,176,538	21,517	4,983	----	1,430,436	227,398	6
65,544	10,700	7,902	43,842	3,100	----	----	74,530	69,058	1,395	2,929	1,148	201,695	127,165	7
(5)	----	(5)	(5)	----	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	8
720,351	43,487	179,672	423,033	64,591	8,409	1,159	9,376,673	9,162,977	132,749	80,947	----	11,080,528	1,703,855	9
309,649	22,871	63,147	171,027	47,717	2,450	2,437	2,008,012	1,925,407	7,673	74,932	----	2,729,867	721,855	10
170,249	35,442	21,062	93,265	20,480	----	----	112,367	105,756	1,092	4,446	1,073	371,615	259,248	11
16,364	----	----	16,364	----	----	----	8,109	6,700	466	943	----	45,585	37,476	12
121,934	15,080	19,641	35,632	46,549	1,370	3,662	338,620	316,828	6,319	15,473	----	596,471	257,851	13
137,897	11,350	22,572	45,242	55,750	1,440	1,543	62,030	9,550	5,364	47,116	----	334,803	272,773	14
771,469	34,700	30,039	706,730	----	----	----	811,581	797,364	10,741	29	3,447	2,109,611	1,298,030	15
104,003	----	24,700	74,635	4,668	----	----	132,248	122,748	5,632	3,868	----	286,617	154,369	16
38,418	----	185	36,433	1,800	----	----	24,988	21,353	1,097	2,538	----	94,001	69,013	17
113,884	7,173	26,843	56,365	23,503	----	----	230,734	210,687	8,805	11,242	----	423,123	192,389	18
8,039	----	----	8,039	----	----	----	16,088	14,434	196	1,458	----	33,274	17,186	19
347,849	47,808	39,699	169,376	77,009	5,663	8,294	3,294,752	3,243,076	19,676	32,000	----	4,065,493	770,741	20
1,081,935	127,338	330,489	529,436	94,672	----	----	393,843	345,011	9,464	32,638	6,730	2,353,999	1,960,156	21
132,762	14,500	21,990	39,642	56,509	121	----	323,617	313,991	4,312	5,230	84	721,002	397,385	22
39,675	3,347	7,995	27,068	1,265	----	----	45,468	42,539	1,438	1,491	----	103,329	57,861	23
30,457	----	9,805	20,652	----	----	----	184,789	182,025	1,368	1,396	----	225,573	40,784	24
42,726	----	12,038	29,421	1,267	----	----	261,802	247,343	2,384	12,075	----	376,683	114,881	25
7,329,909	99,665	477,441	6,589,597	50,373	104,050	8,783	8,802,357	7,536,050	23,675	76,745	1,165,887	21,062,468	12,260,111	26
41,617	4,600	2,740	33,981	----	296	----	77,520	74,172	604	2,744	----	138,711	61,191	27
235,268	19,570	15,407	196,521	3,770	----	----	1,039,330	1,014,856	18,074	6,400	----	1,932,816	893,486	28
2,426,977	68,794	413,242	1,854,697	80,098	10,146	----	22,112,548	21,154,097	509,715	448,736	----	26,161,619	4,049,071	29
362,798	10,643	79,979	261,126	10,120	930	----	3,899,490	3,863,295	27,526	8,669	----	4,385,593	486,103	30
52,661	8,194	15,938	27,529	1,000	----	----	56,090	53,826	522	1,742	----	121,182	65,092	31
159,592	10,620	28,999	103,652	8,529	7,792	----	287,672	141,215	89,935	56,522	----	730,191	442,519	32
1,021,762	----	230,210	785,361	6,191	----	----	15,661,475	14,944,261	359,667	357,547	----	17,634,837	1,973,362	33
27,345	3,939	4,630	17,306	1,470	----	----	42,480	40,662	717	1,101	----	89,351	46,871	34
802,819	35,398	53,486	659,723	52,788	1,424	----	2,165,341	2,110,838	31,348	23,155	----	3,200,465	1,035,124	35

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[6] For numbers of establishments and of wage earners in individual industries, see table 10.

TABLE 9.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939

COUNTY	Total	INDUSTRY GROUP																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
The State	549	281			1	121	18		78	2	1			20	4	5		14	1	1	2
Ada	52	34				1	1		8					3	2	1		1			1
Adams	3	1				1			1												
Bannock	35	24					2		6		1			1				1			
Bear Lake	9	6				2			1												
Benewah	20	2				16	1		1												
Bingham	13	8							1					3				1			
Blaine	5	2				2			1												
Boise	5					5															
Bonner	31	7				17	4		3												
Bonneville	32	17			1	3	1		2	1				3	1	1		2			
Boundary	9	4				4			1												
Butte	2	1							1												
Canyon	44	25				2	2		6	1				1		1		4		1	1
Caribou	4	3				1															
Cassia	9	6							2					1							
Clark	2					2															
Clearwater	18	2				12	2		1					1							
Custer	1								1												
Elmore	6	2				3			1												
Franklin	9	6				1			2												
Fremont	6	2				2			2												
Gem	6	3				1			2												
Gooding	6	4							2												
Idaho	8	5				1			2												
Jefferson	2	1							1												
Jerome	11	9							1					1							
Kootenai	29	8				15	2		2					1				1			
Latah	24	7				10	1		3					2				1			
Lemhi	6	4				1			1												
Lewis	2	1				1															
Lincoln	3	2							1												
Madison	9	6				1			2												
Minidoka	8	7							1												
Nez Perce	18	12				2			3									1			
Oneida	4	3							1												
Owyhee	1	1																			
Payette	15	11					1		2					1							
Power	3	2							1												
Shoshone	26	9				9			5							2		1			
Teton	4	4																			
Twin Falls	27	19				1			4					1					1		
Valley	8	3				4			1												
Washington	14	8				1	1		2					1	1						

TABLE 10. INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE: 1939

[In order to avoid disclosing data for individual establishments, wage-earner figures for industries represented by fewer than three establishments are withheld]

Group No.[1]	TITLE	Number of establishments	Wage earners
	STATE OF IDAHO		
3	Candy and other confectionery products	2	
	Condensed and evaporated milk	4	58
	Sausages, prepared meats, and other meat products not made in meat-packing establishments	1	
	Special dairy products	1	
	Vinegar and cider	1	
4	Canvas products (except bags)	1	
6	Baskets for fruits and vegetables	1	
8	Books, publishing and printing	1	
	Periodicals, publishing and printing	2	
9	Grease and tallow (except lubricating greases)	2	
10	Petroleum refining	1	
15	Cement	2	
	Clay refractories, including refractory cement clay	1	
	Lime	1	
	STATE OF IDAHO—Continued		
13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	1	
14	Power boilers and associated products	1	.....
15	Primary smelting and refining of nonferrous metals	2	.....
	Sheet-metal work not specifically classified	3	8
17	Agricultural machinery (except tractors)	2	.....
	Construction and similar machinery (except mining and oil-field machinery and tools)	1	.....
	Pumping equipment and air compressors	1	.....
18	Automobile trailers (for attachment to passenger cars)	1	.....
19	Cars and car equipment—railroad, street, and rapid-transit	1	.....
20	Signs, advertising displays, and advertising novelties	1	.....
	Sporting and athletic goods not elsewhere classified	1	.....

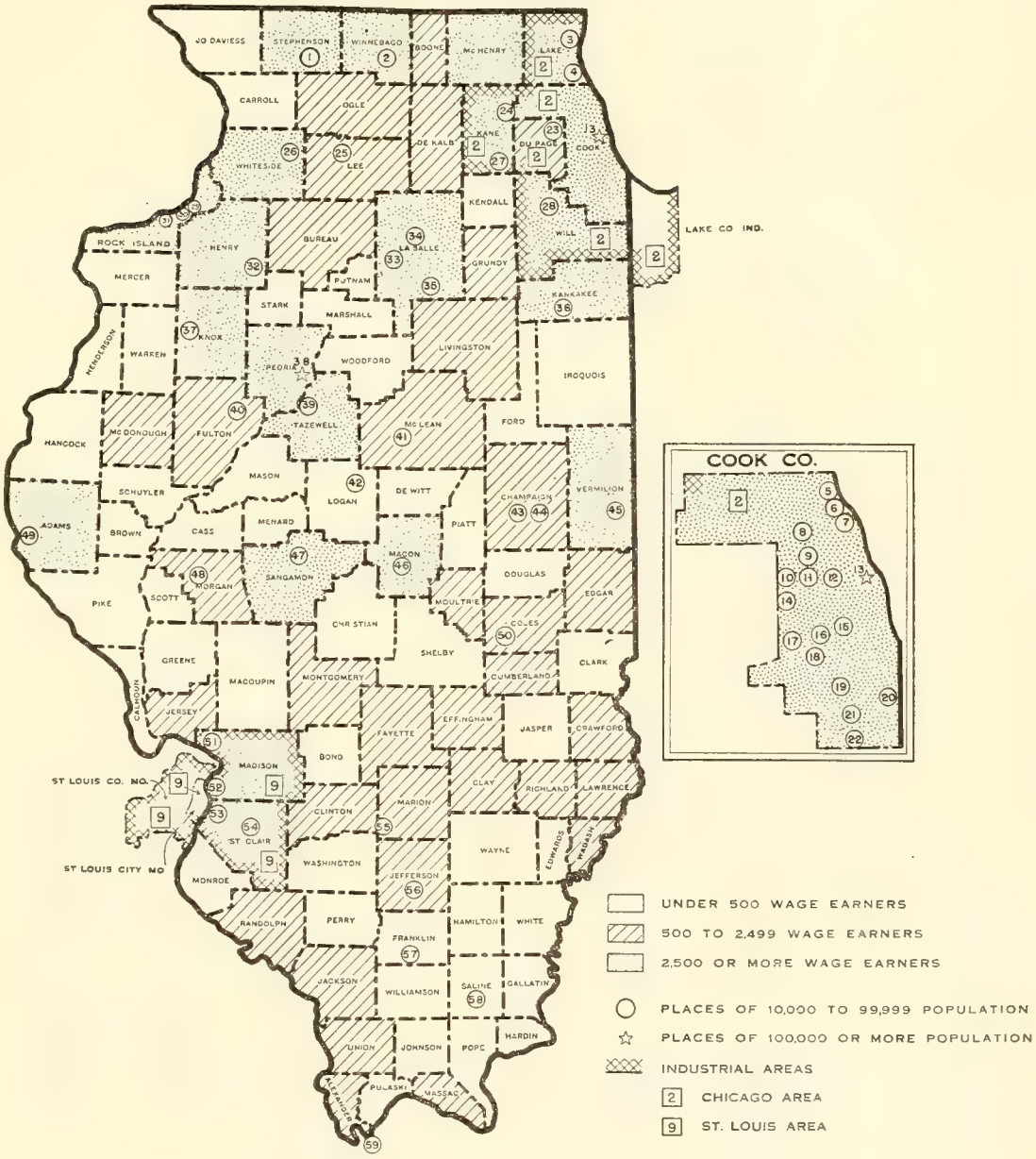
[1] For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and of industry groups, sec. 27.

ILLINOIS

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939

KEY TO PLACES

ALTON	51
AURORA	27
BELLEVILLE	54
BERWYN	16
BLOOMINGTON	41
BLUE ISLAND	19
BROOKFIELD	18
CAIRO	59
CALUMET CITY	20
CANTON	40
CENTRALIA	55
CHAMPAIGN	43
CHICAGO	13
CHICAGO HEIGHTS	22
CICERO	15
DANVILLE	45
DECATUR	46
DIXON	25
EAST MOLINE	29
EAST ST. LOUIS	53
ELGIN	24
ELMHURST	23
ELMWOOD PARK	9
EVANSTON	7
FOREST PARK	14
FREEPORT	1
GALESBURG	37
GRANITE CITY	52
HARRISBURG	58
HARVEY	21
HIGHLAND PARK	4
JACKSONVILLE	43
JOLIET	28
KANKAKEE	36
KEWANEE	32
LA GRANGE	17
LA SALLE	33
LINCOLN	42
MATTOON	50
MAYWOOD	11
MELROSE PARK	10
MOLINE	30
MOUNT VERNON	56
OAK PARK	12
OTTAWA	34
PARK RIDGE	8
PEKIN	39
PEORIA	38
QUINCY	49
ROCKFORD	2
ROCK ISLAND	31
SPRINGFIELD	47
STERLING	26
STREATOR	35
URBANA	44
WAUKEGAN	3
WEST FRANKFORT	57
WILMETTE	6
WINNETKA	5



Prepared by the Bureau of the Census, Department of Commerce

ILLINOIS

Table 1.—SUMMARY FOR THE STATE: 1939, 1937, AND 1929

Census year	Number of establishments	Proprietors and firm members	Number of persons employed in manufacturing [1]	Salaries and wages [1]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2]	Value of products [2]	Value added by manufacture [3]
1939	12,980	7,814	688,803	$988,453,881	$2,593,265,567	$4,794,860,733	$2,201,595,166
1937	11,764	6,264	787,097	1,136,628,725	2,985,246,895	5,304,282,629	2,319,035,734
1929	15,052	8,826	782,816	1,316,508,612	3,244,424,468	6,064,425,839	2,820,001,371

[1] Figure for 1939 does not include data for employees of manufacturing establishments (except salaried officers of corporations) who were engaged in distribution, construction, and other nonmanufacturing work. For detail, see table 8. It is not known to what extent data for such nonmanufacturing employees were included in figures reported for earlier years. See General Explanations. Persons engaged, general classification.

[2] The aggregates for cost of materials, etc., and value of products include large amounts of duplication due to the use of products of some industries as materials by others. See General Explanations—Duplication in cost of materials and value of products.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See General Explanations—Value added by manufacture.

Table 2.—SUMMARY FOR INDUSTRIAL AREAS, COUNTIES, AND PLACES: 1939

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2,3]	Value of products [2,3]	Value added by manufacture [4]
The State	7,897,241	[5] 12,980	596,476	$750,239,085	$2,593,265,567	$4,794,860,733	$2,201,595,166
INDUSTRIAL AREAS							
Chicago area, total [6]	4,825,527	9,921	483,593	640,533,131	2,367,826,185	4,277,815,582	1,909,989,397
Portion in Illinois	4,532,332	9,685	424,767	547,842,802	1,899,363,552	3,541,265,944	1,641,902,392
Portion in Indiana	293,195	236	58,825	92,690,329	468,462,633	736,549,638	268,087,005
St. Louis area, total [7]	1,406,526	2,787	126,831	152,939,450	623,079,603	1,086,595,741	463,516,138
Portion in Illinois	316,248	385	30,677	41,010,306	205,260,861	324,129,507	118,868,646
Portion in Missouri	1,090,278	2,402	96,154	111,929,144	417,818,742	762,466,234	344,647,492
COUNTIES IN ILLINOIS [8]							
Adams	65,229	106	3,580	3,375,183	8,415,096	19,999,709	11,584,613
Alexander	25,496	28	1,007	727,959	3,697,264	5,261,248	1,563,984
Bond	14,540	13	240	209,140	1,167,081	1,852,622	685,541
Boone	15,202	17	1,088	1,200,862	3,744,229	7,386,209	3,641,980
Brown [8]	8,053	3	53	------	------	------	------
Bureau	37,600	27	675	732,038	3,228,679	4,798,434	1,569,755
Calhoun [8]	8,207	5	23	------	------	------	------
Carroll	17,987	14	152	114,082	1,019,536	1,414,986	395,450
Cass [8]	16,425	9	319	------	------	------	------
Champaign	70,578	63	945	1,052,180	4,877,997	8,104,673	3,226,676
Christian	38,564	24	481	509,104	2,685,057	4,297,545	1,612,488
Clark	18,842	12	386	267,293	903,183	1,388,075	484,892
Clay	18,947	8	595	407,166	549,027	1,540,542	991,515
Clinton	22,912	21	634	635,809	1,992,865	3,314,935	1,322,070
Coles	38,470	31	1,947	1,346,053	3,583,185	6,645,769	3,062,584
Cook	4,063,342	9,126	393,837	508,424,374	1,770,318,132	3,286,085,645	1,515,767,513
Crawford	21,294	22	787	1,019,095	7,260,183	11,125,264	3,865,081
Cumberland [8]	11,698	9	544	------	------	------	------
De Kalb	34,388	45	2,270	2,425,215	13,698,633	21,512,071	7,813,438
De Witt	18,244	9	160	86,611	545,198	804,369	259,171
Douglas	17,590	15	180	164,157	548,235	1,020,608	472,373
Du Page	103,480	64	1,156	1,472,167	4,081,329	9,836,110	5,754,781
Edgar	24,430	25	646	535,179	3,117,277	4,624,666	1,507,389
Edwards	8,974	7	399	216,931	197,444	507,112	309,668
Effingham	22,034	15	757	554,806	840,980	1,897,725	1,056,745
Fayette	29,159	17	974	847,943	1,912,142	4,205,895	2,293,753
Ford	15,007	12	184	133,690	632,316	1,091,783	459,467
Franklin	53,137	24	250	291,500	516,326	1,422,830	906,504
Fulton [8]	44,627	22	1,011	------	------	------	------
Gallatin	11,414	3	54	24,679	15,202	72,604	57,402
Greene	20,292	10	258	176,731	301,375	605,180	303,805
Grundy	18,398	23	1,348	1,529,123	3,127,970	7,312,727	4,184,757
Hamilton	13,454	7	435	234,346	733,539	1,047,639	314,100
Hancock	26,297	19	186	145,872	753,136	1,280,763	527,627
Hardin [8]	7,759	1	------	------	------	------	------
Henderson	8,949	7	63	31,254	80,208	149,592	69,384
Henry	43,798	37	2,751	2,828,553	5,164,508	12,446,822	7,282,314
Iroquois	32,496	21	310	193,964	671,546	1,147,455	475,909
Jackson	37,920	26	1,230	845,147	2,691,739	4,732,393	2,040,654
Jasper	13,431	8	93	55,451	92,334	215,005	122,671
Jefferson	34,375	28	2,036	2,108,900	9,218,590	15,019,874	5,801,284
Jersey [8]	13,636	9	536	------	------	------	------
Jo Daviess	19,989	35	354	286,921	1,381,376	1,960,909	579,533
Johnson	10,727	3	70	35,437	34,818	75,897	41,079
Kane	130,206	229	13,377	15,800,283	32,156,939	77,174,866	45,017,927

See footnotes at end of table.

TABLE 2.—SUMMARY FOR INDUSTRIAL AREAS, COUNTIES, AND PLACES: 1939—Continued

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [1]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
COUNTIES IN ILLINOIS [5]—continued							
Kankakee	60,877	62	4,707	$5,358,010	$14,804,351	$26,636,605	$11,832,254
Kendall	11,105	9	329	344,693	588,589	1,277,945	689,356
Knox	52,250	50	2,516	2,334,203	10,091,160	17,091,760	7,000,600
Lake	121,094	141	8,336	11,317,919	36,956,713	78,143,091	41,186,378
La Salle	97,801	124	9,338	11,414,605	22,938,232	57,685,322	34,747,090
Lawrence [8]	21,075	15	590				
Lee	34,604	33	1,335	1,387,843	6,209,108	9,570,944	3,361,836
Livingston	38,838	23	514	494,065	1,080,108	2,160,069	1,079,961
Logan	29,438	15	350	296,681	582,914	1,383,962	801,048
Macon	84,693	101	5,360	5,915,708	26,571,523	47,249,567	20,678,044
Macoupin	46,304	27	169	133,297	863,411	1,223,949	360,538
Madison	149,349	162	18,023	24,828,425	98,312,283	169,764,260	71,451,977
Marion	47,989	31	1,438	1,135,884	4,042,038	7,394,621	3,352,583
Marshall	13,179	9	468	426,087	842,442	1,770,989	928,547
Mason	15,358	15	224	205,831	462,628	852,422	389,794
Massac	14,937	14	1,016	609,614	1,531,279	2,737,529	1,206,250
McDonough	26,944	26	776	616,075	2,000,769	3,449,665	1,448,896
McHenry	37,311	40	2,622	2,754,801	4,469,983	11,142,994	6,673,011
McLean	73,930	56	1,325	1,494,933	4,663,624	9,360,176	4,696,552
Menard	10,663	7	40	29,057	98,516	185,436	86,920
Mercer	17,701	6	152	119,524	134,530	385,734	251,204
Monroe	12,754	9	49	47,443	347,450	514,589	167,139
Montgomery	34,499	22	1,033	1,034,018	6,009,456	8,394,255	2,384,799
Morgan	36,378	24	934	884,389	1,999,192	3,762,963	1,763,771
Moultrie [8]	13,477	13	508				
Ogle	29,869	42	1,857	2,059,009	6,724,072	11,498,163	4,774,091
Peoria	153,374	219	8,704	11,922,194	48,060,954	88,842,117	40,781,163
Perry	23,438	20	452	329,493	2,410,689	3,652,239	1,241,550
Piatt	14,659	11	140	121,919	597,871	918,985	321,114
Pike	25,340	12	350	223,805	1,260,679	1,727,641	466,962
Pope [8]	7,999	2					
Pulaski	15,875	7	442	247,745	424,703	930,996	506,293
Putnam [8]	5,289	1					
Randolph	33,608	26	1,766	1,699,543	5,503,198	10,338,103	4,834,905
Richland [1]	17,137	11	883				
Rock Island	113,323	151	14,651	20,301,773	53,119,118	99,996,410	46,877,292
St. Clair	166,899	223	12,654	16,181,881	106,948,578	154,365,247	47,416,669
Saline	38,066	18	156	149,219	732,279	1,266,495	534,216
Sangamon	117,912	115	4,498	5,705,539	23,363,200	41,722,515	18,359,315
Schuyler	11,430	7	71	58,107	905,969	1,111,560	205,591
Scott	8,176	3	40	15,154	15,355	54,782	39,427
Shelby	26,290	13	420	233,968	1,179,761	1,848,312	668,551
Stark [8]	8,881	8	50				
Stephenson	40,646	91	2,856	3,275,837	20,107,448	30,863,896	10,756,448
Tazewell	58,362	64	10,256	16,191,529	40,273,356	84,823,707	44,550,351
Union	21,528	14	724	548,690	1,261,008	2,537,246	1,276,238
Vermilion	86,791	86	3,431	3,535,693	11,649,154	21,408,885	9,759,731
Wabash	13,724	11	569	466,622	942,511	1,987,364	1,044,853
Warren	21,286	14	307	306,203	731,341	1,324,314	592,973
Washington	15,801	15	66	42,407	198,370	381,113	182,743
Wayne [8]	22,092	9	427				
White	20,027	13	488	275,612	623,057	1,124,562	501,505
Whiteside	43,338	55	3,773	4,573,441	11,045,942	22,440,291	11,394,349
Will	114,210	125	8,061	10,828,059	55,850,439	90,026,232	34,175,793
Williamson	51,424	20	193	224,640	577,610	1,227,424	649,814
Winnebago	121,178	266	17,466	21,496,633	35,542,424	86,503,165	50,960,741
Woodford	19,124	15	181	126,798	749,885	1,301,277	551,392
Undistributed [9]		117	4,952	4,869,269	20,911,623	35,118,294	14,206,671
PLACES HAVING 10,000 OR MORE INHABITANTS							
Alton	31,255	37	2,566	3,687,695	8,247,601	18,064,774	9,817,173
Aurora	47,170	77	3,683	4,074,367	8,138,933	21,319,360	13,180,427
Belleville	28,405	71	2,986	3,118,520	7,752,671	15,922,538	8,169,867
Berwyn	48,451	25	54	73,433	233,503	487,146	253,643
Bloomington	32,868	44	1,233	1,426,533	4,392,181	8,850,899	4,458,718
Blue Island	16,638	19	971	1,159,946	4,420,981	7,694,816	3,273,835
Brookfield	10,817	8	24	25,839	43,311	141,090	97,779
Cairo	14,407	22	486	322,989	2,461,139	3,275,124	813,985
Calumet City	13,241	10	356	495,471	3,027,453	4,636,302	1,608,849
Canton [10]	11,577	11	972				
Centralia	16,343	15	533	404,130	2,296,918	3,932,747	1,635,829
Champaign	23,302	38	614	636,265	2,713,046	4,686,615	1,973,569
Chicago	3,396,808	8,476	347,839	441,404,482	1,562,679,244	2,842,572,053	1,279,892,809
Chicago Heights	22,461	55	4,120	5,364,295	21,141,755	37,551,590	16,409,835
Cicero	64,712	108	14,210	24,285,745	31,822,801	119,839,478	88,016,677
Danville	36,919	62	1,535	1,561,461	5,610,373	10,528,857	4,918,484
Decatur	59,305	95	5,258	5,794,596	25,734,729	45,731,331	19,996,602
Dixon	10,671	21	1,150	1,202,476	3,193,221	5,982,505	2,789,284
East Moline	12,359	15	4,287	6,128,644	16,241,265	30,304,168	14,062,903
East St. Louis	75,609	76	3,473	4,694,362	29,304,347	48,731,861	19,427,514
Elgin	38,333	66	4,348	4,972,819	8,337,909	22,235,125	13,897,216
Elmhurst	15,458	9	36	54,983	66,278	223,345	157,067
Elmwood Park [10]	13,689	1					
Evanston	65,389	65	1,063	1,446,145	4,108,553	9,027,618	4,919,065
Forest Park	14,840	27	337	372,298	1,644,978	3,029,955	1,384,977

See footnotes at end of table.

TABLE 2.—SUMMARY FOR INDUSTRIAL AREAS, COUNTIES, AND PLACES: 1939—Continued

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
PLACES HAVING 10,000 OR MORE INHABITANTS—continued							
Freeport	22,366	40	2,308	$2,556,299	$18,144,744	$27,494,063	$9,349,319
Galesburg	28,876	39	1,133	989,061	6,229,022	10,590,249	4,361,227
Granite City	22,974	31	5,254	7,285,379	15,112,692	34,035,433	18,922,741
Harrisburg	11,453	10	122	123,500	524,690	953,385	428,695
Harvey	17,878	19	2,942	4,785,339	14,001,457	28,187,206	14,185,749
Highland Park	14,476	15	76	90,167	129,945	372,045	242,100
Jacksonville [10]	19,844	23	917	----	----	----	----
Joliet	42,365	71	4,054	5,468,545	15,808,471	30,818,740	15,010,269
Kankakee	22,241	34	2,153	2,163,624	3,891,224	9,080,076	5,188,852
Kewanee	16,901	16	2,562	2,678,087	3,962,283	10,715,157	6,752,874
La Grange	10,479	11	106	133,374	359,429	758,244	398,815
La Salle [10]	12,812	18	680	----	----	----	----
Lincoln	12,752	12	341	290,157	569,332	1,355,944	786,612
Mattoon	15,827	17	799	551,914	1,659,524	3,053,866	1,394,342
Maywood [10]	26,648	18	1,065	----	----	----	----
Melrose Park	10,933	9	987	1,301,827	2,457,706	5,560,707	3,103,001
Moline	34,608	67	4,145	5,427,523	12,015,954	30,415,369	18,399,415
Mount Vernon [10]	14,724	27	2,030	----	----	----	----
Oak Park	66,015	37	173	211,114	590,966	1,299,773	708,807
Ottawa	16,005	22	401	495,705	917,652	2,302,675	1,385,023
Park Ridge	12,063	4	14	9,866	19,121	60,840	41,719
Pekin [10]	19,407	28	1,131	----	----	----	----
Peoria	105,087	197	6,566	8,310,353	36,112,315	66,143,574	30,031,259
Quincy	40,469	97	3,148	2,912,618	7,216,574	16,018,024	8,801,450
Rockford	84,637	228	14,866	18,362,527	28,142,789	69,396,141	41,253,352
Rock Island	42,775	56	6,144	8,679,563	24,554,323	38,729,241	14,174,918
Springfield	75,503	97	3,708	4,661,096	14,458,783	29,999,536	15,540,753
Sterling	11,363	27	2,413	2,967,032	5,723,643	12,400,043	6,676,400
Streator	14,930	21	1,346	1,676,465	3,812,361	11,095,653	7,283,292
Urbana	14,064	16	129	161,745	331,913	819,798	487,885
Waukegan	34,241	52	3,043	4,931,379	16,098,786	30,523,372	14,424,586
West Frankfort	12,383	8	37	38,478	74,789	231,529	156,740
Wilmette	17,226	10	114	203,499	235,570	699,306	463,736
Winnetka [10]	12,430	2	----	----	----	----	----

[1] Not including salaried officers and employees or nonmanufacturing wage earners. The figure for each county or place is an average of the numbers reported for the several months of the year. In calculating it, equal weight must be given to full-time and to part-time wage earners (not reported separately by the manufacturers), and for this reason it exceeds the number that would have been required to perform the work done in the industries if all wage earners had been continuously employed throughout the year. The quotient obtained by dividing the amount of wages by the average number of wage earners cannot, therefore, be accepted as representing the average wage received by full-time wage earners. Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several counties do not add exactly to the average for the State. In making comparisons between the figures for 1939 and those for earlier years, the possibility that the proportion of part-time employment varied from year to year should be taken into account.

[2] Profits and losses cannot be calculated from the census figures because no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, and advertising.

[3] See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

[5] For numbers of establishments by "Industry groups," see table 11.

[6] The Chicago Industrial Area comprises Cook, DuPage, Kane, Lake, and Will Counties in Illinois, and Lake County, Indiana. For statistics by industries, see table 9.

[7] The St. Louis Industrial Area comprises Madison and St. Clair Counties in Illinois, and the independent City of St. Louis and St. Louis County, Missouri. For statistics by industries, see table 9.

[8] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included above in the "Undistributed" figures.

[9] The "Undistributed" figure for number of establishments and a part of the "Undistributed" figure for number of wage earners are included above in the items for the respective counties. The sums of the figures in these two columns are, therefore, larger than the corresponding State totals.

[10] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments.

TABLE 3.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, BY SEX: 1939 AND 1929

[The 1939 questionnaire, for the first time, called for data on the *total* number of employees in manufacturing establishments, including those engaged wholly or chiefly in distribution, construction, and other nonmanufacturing activities. It is not known to what extent data for such employees were included in the figures reported for earlier years. This table presents detailed figures for employees receiving pay at any time within the *normal* pay-roll period ended nearest Oct. 14, 1939, and for such employees on the pay roll on Dec. 14, 1929, or on the nearest *representative* date. The total for "Wage earners engaged in manufacturing" is not identical with the average for the year (given in other tables), and differs from the number reported for October 1939 or for December 1929, because for both years some manufacturers gave wage-earner figures for months other than those specified. See GENERAL EXPLANATIONS—Persons engaged—general classification]

CLASS AND SEX	1939 (Oct. 14)[1]	1929 (Dec. 14)[1]
All classes, aggregate [2]	806,752	783,308
Male	604,856	606,258
Female	201,896	177,050
Salaried officers and employees, total	163,234	129,729
Male	122,238	89,793
Female	40,996	39,936
Salaried officers of corporations, total	11,881	13,710
Male	10,945	12,920
Female	936	790
All other employees (except wage earners in manufacturing), total	151,353	116,019
Male	111,293	76,873
Female	40,060	39,146
Salaried officers and employees—Continued.		
All other employees, etc.—Continued.		
Engaged in manufacturing:		
Male	58,985	
Female	21,461	
Engaged in distribution:		
Male	45,381	
Female	18,192	(3)
Engaged in construction:		
Male	5,311	
Engaged in other work:		
Male	1,616	
Female	407	
Wage earners engaged in manufacturing, total	643,518	653,579
Male	482,618	516,465
Female	160,900	137,114

[1] See headnote.

[2] Figures do not include data for 7,814 proprietors and firm members for 1939, which were not reported by sex, and 8,826 for 1929.

[3] No data.

TABLE 4.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS: 1939, 1937, AND 1929

[The figures for 1939 relate to wage earners engaged in manufacturing only. It is not known to what extent the figures for earlier years include data for nonmanufacturing wage earners. See headnote to table 3]

CENSUS YEAR	Average number employed during year [1]	NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH—											
		January	February	March	April	May	June	July	August	September	October	November	December
1939	596, 476	557, 218	568, 503	576, 227	575, 502	574, 845	580, 214	584, 045	601, 543	621, 220	640, 301	643, 156	634, 940
1937	668, 841	640, 529	655, 268	670, 395	676, 809	683, 672	683, 826	682, 190	699, 183	707, 138	682, 991	637, 458	606, 631
1929	653, 087	616, 732	630, 240	641, 144	643, 503	647, 204	658, 864	660, 868	673, 857	690, 969	685, 448	659, 689	628, 531

[1] See GENERAL EXPLANATIONS—Wage earners and wages.

TABLE 5.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY NUMBER OF WAGE EARNERS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS	VALUE ADDED BY MANUFACTURE [2]
	1939	1929	1939	1929	1939	1939
All establishments	12, 980	15, 052	596, 476	653, 087	$4, 794, 860, 733	$2, 201, 595, 166
No wage earners	721	770			57, 570, 083	30, 863, 097
1 to 5	5, 103	6, 499	13, 790	17, 107	130, 425, 657	64, 924, 588
6 to 20	3, 281	3, 836	36, 845	42, 916	293, 301, 122	144, 514, 152
21 to 50	1, 724	1, 853	56, 563	60, 921	416, 682, 991	202, 180, 823
51 to 100	947	913	68, 014	65, 792	503, 959, 675	240, 966, 031
101 to 250	742	739	115, 281	113, 881	831, 436, 753	377, 902, 517
251 to 500	290	257	101, 143	91, 257	751, 200, 461	353, 084, 417
501 to 1,000	116	118	78, 680	81, 622	623, 947, 735	294, 141, 843
1,001 to 2,500	44	44	65, 422	66, 075	582, 854, 005	262, 750, 336
2,500 or more	12	23	60, 738	113, 516	603, 482, 251	230, 267, 362

[1] See headnotes to tables 3 and 4. [2] See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 6.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY VALUE OF PRODUCTS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
All establishments	12, 980	15, 052	596, 476	653, 087	$4, 794, 860, 733	$6, 064, 425, 839	$2, 201, 595, 166	$2, 820, 001, 371
$5,000 to $19,999	3, 896	4, 489	9, 758	9, 946	44, 250, 960	52, 378, 246	25, 634, 905	32, 586, 884
$20,000 to $49,999	2, 749	3, 349	17, 566	18, 103	88, 446, 435	108, 260, 678	50, 687, 116	66, 953, 088
$50,000 to $99,999	1, 810	2, 054	23, 962	23, 320	128, 365, 950	146, 852, 300	70, 799, 165	87, 638, 808
$100,000 to $249,999	1, 907	2, 222	55, 208	52, 090	304, 579, 084	354, 451, 157	164, 287, 460	208, 590, 792
$250,000 to $499,999	1, 048	1, 195	61, 642	62, 846	366, 486, 843	422, 781, 571	188, 297, 140	239, 857, 279
$500,000 to $999,999	712	777	78, 742	73, 494	499, 565, 432	546, 207, 659	247, 151, 503	287, 828, 971
$1,000,000 to $2,499,999	529	569	110, 143	105, 800	809, 306, 126	876, 822, 021	394, 731, 538	440, 670, 589
$2,500,000 to $4,999,999	202	225	81, 258	80, 438	703, 896, 818	769, 164, 978	328, 315, 950	368, 558, 608
$5,000,000 and over	127	172	158, 197	227, 050	1, 849, 963, 085	2, 787, 507, 229	731, 690, 389	1, 087, 316, 352

[1] See headnotes to tables 3 and 4. [2] See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 7.—ESTABLISHMENTS CLASSIFIED AS UNDER CORPORATE OR OTHER FORM OF OWNERSHIP (OR CONTROL) AND AS UNDER CENTRAL-ADMINISTRATIVE-OFFICE OR INDEPENDENT OPERATION: 1939 AND 1929

TYPE OF OWNERSHIP OR CONTROL, AND OF OPERATION	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
Total	12, 980	15, 052	596, 476	653, 087	$4, 794, 860, 733	$6, 064, 425, 839	$2, 201, 595, 166	$2, 820, 001, 371
TYPE OF OPERATION								
1939 [3]								
Corporate ownership or control:								
Central-administrative-office (plural-unit)	1, 966	(3)	326, 230	(3)	3, 046, 602, 612	(3)	1, 305, 843, 882	(3)
Independent (single-unit)	5, 420	(3)	224, 402	(3)	1, 492, 371, 348	(3)	767, 867, 577	(3)
Noncorporate ownership:								
Central-administrative-office (plural-unit)	189	(3)	4, 453	(3)	31, 560, 562	(3)	16, 040, 286	(3)
Independent (single-unit)	5, 405	(3)	41, 391	(3)	224, 326, 211	(3)	111, 843, 421	(3)
1939 AND 1929 [3]								
Central-administrative-office (plural-unit), corporate and noncorporate	2, 155	1, 403	330, 683	302, 447	3, 078, 163, 174	3, 057, 895, 509	1, 321, 884, 168	1, 307, 606, 431
Independent (single-unit), corporate and noncorporate	10, 825	13, 649	265, 793	350, 640	1, 716, 697, 559	3, 006, 530, 330	879, 710, 998	1, 512, 394, 940
TYPE OF OWNERSHIP OR CONTROL								
Corporate	7, 386	7, 769	550, 632	606, 131	4, 538, 973, 960	5, 744, 558, 272	2, 073, 711, 459	2, 647, 273, 772
Noncorporate, total	5, 594	7, 283	45, 844	46, 956	255, 886, 773	319, 867, 567	127, 883, 707	172, 727, 599
Individual	3, 750	(4)	22, 534	(4)	117, 311, 390	(4)	58, 752, 480	(4)
Partnership	1, 731	(4)	22, 228	(4)	130, 502, 113	(4)	65, 652, 521	(4)
Cooperative	72	(4)	698	(4)	5, 881, 679	(4)	2, 254, 218	(4)
Other	41	(4)	384	(4)	2, 191, 591	(4)	1, 224, 488	(4)

[1] See headnotes to tables 3 and 4. [2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Because of changes in the questionnaire, no comparable figures for 1929 can be given for the first section of this table. For this reason, the items have been regrouped under "1939 and 1929" to present comparable figures so far as this can be done. [4] No data.

TABLE 8.—GENERAL STATISTICS FOR

[This table presents separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments, are given, however, reported larger numbers of wage earners

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	* PERSONS EMPLOYED BY MANUFACTURING ESTABLISHMENTS [1]						
					Total [2]	Salaried officers of corporations [2]	Manufacturing		Distribution	Construction	Other
							Salaried employees [2]	Wage earners (average for year) [3]			
1		All industries, total	12,980	7,814	759,710	11,881	80,446	596,476	63,573	5,311	2,023
2	18	Abrasive wheels, stones, paper, cloth, and related products	17	5	594	19	43	465	65	2	.....
3	17	Agricultural machinery (except tractors)	40	11	16,449	51	2,671	13,270	388	34	35
4	19	Aircraft and parts, including aircraft engines	4		102	6	18	71	4	3	.....
5	15	Alloying, and rolling and drawing of nonferrous metals, except aluminum	17	2	2,757	14	301	2,218	178	46	.....
6	15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	10	5	809	13	54	644	96	.	2
7	15	Aluminum ware, kitchen, hospital, and household (except electrical appliances)	4	2	184	2	9	154	15	.....	4
8	20	Artists' materials	4	6	22	.....	4	15	3	.....	.....
9	13	Asbestos products (except steam packing and pipe and boiler covering)	9		1,911	18	281	1,512	40	60	.....
10	14	Automobile stampings	7	4	677	7	89	561	6	14	.....
11	18	Automobile trailers (for attachment to passenger cars)	7	10	204	2	22	164	14	.....	2
12	16	Automotive electrical equipment	12	8	571	17	95	389	65	3	2
13	1	Baking powder, yeast, and other leavening compounds	9	1	1,311	9	219	799	266	18	.....
14	6	Baskets for fruits and vegetables	5	5	211	5	11	193	2	.....	.....
15	16	Batteries, storage and primary (dry and wet)	25	5	1,126	32	92	810	188	4	.....
16	3	Batting, padding, and wadding, upholstery filling	10	5	464	14	34	388	28	.....	.....
17	20	Beauty-shop and barber-shop equipment	14	2	855	20	130	619	86	.....	.....
18	4	Belts, apparel, regardless of material	18	20	457	20	13	393	31	.....	.....
19	1	Biscuit, crackers, and pretzels	23	5	4,372	16	237	3,656	413	22	28
20	14	Blast-furnace products	4		2,003		276	1,505	.....	222	.....
21	1	Blended and prepared flour made from purchased flour	4	1	116	6	18	44	48	.....	.....
22	17	Blowers; exhaust and ventilating fans	4	1	274	5	26	205	29	2	7
23	19	Boat building and boat repairing	5	5	46	2	4	34	6	.....	.....
24	14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	26	3	2,024	55	209	1,676	84	.....	.....
25	8	Bookbinding and related industries	115	81	3,733	125	287	3,128	189	4	.....
26	8	Books: printing without publishing	63	20	4,342	114	413	3,526	289	.....	.....
27	8	Books: publishing and printing	27	5	732	44	149	412	127	.....	.....
28	8	Books: publishing without printing	91	20	2,661	139	857	22	1,643	.....	.....
29	12	Boot and shoe cut stock and findings	20	13	998	17	56	904	21	.....	.....
30	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	1,565	1,647	18,545	217	901	15,129	2,049	56	193
31	13	Brick and hollow structural tile	48	10	2,285	59	138	1,948	124	8	8
32	20	Brooms	25	32	487	11	22	410	44	.....	.....
33	20	Brushes	21	12	492	21	19	391	61	.....	.....
34	20	Buttons	21	10	458	12	13	429	4	.....	.....
35	1	Candy and other confectionery products	118	52	14,621	131	826	12,061	1,496	42	65
36	1	Canned and dried fruits and vegetables (including canned soups)	48	15	5,071	44	397	4,481	127	18	4
37	4	Canvas products (except bags)	22	10	429	27	34	301	58	8	1
38	20	Carbon paper and inked ribbons	9	4	489	6	15	174	294	.....	.....
39	3	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	3		66	5	3	53	5	.....	.....
40	19	Cars and car equipment—railroad, street, and rapid-transit	20		6,609	10	985	5,545	67	.....	2
41	17	Cars and trucks, industrial	5		638	9	115	380	134	.....	.....
42	6	Caskets, coffins, burial cases, and other morticians' goods	46	26	2,198	49	181	1,691	277	.....	.....
43	13	Cement	5	.....	1,114	2	88	1,022	.....	2	.....
44	1	Cereal preparations	5		673	10	34	576	40	13	.....
45	1	Cheese	113	116	479	5	65	385	22	.....	2
46	9	Chemicals not elsewhere classified	30	2	3,642	28	553	2,574	42	441	4
47	4	Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors	4	3	148	3	6	136	3	.....	.....
48	20	Children's vehicles	5	.....	489	11	23	406	49	.....	.....
49	13	China firing and decorating (for the trade)	7	4	298	5	22	244	24	3	.....
50	1	Chocolate and cocoa products	3	.....	157	.....	14	142	1	.....	.....
51	2	Cigars	47	54	318	6	9	293	10	.....	.....
52	13	Clay products (except pottery) not elsewhere classified	5	8	31	.....	3	28	.....	.....	.....
53	13	Clay refractories, including refractory cement (clay)	7	.....	339	7	30	281	21	.....	.....
54	9	Cleaning and polishing preparations, blackings, and dressings	75	27	1,282	73	119	736	344	2	8
55	15	Clocks, watches, and materials and parts (except watchcases)	14	3	5,747	12	355	4,851	361	71	97
56	4	Clothing, leather and sheep-lined	8	13	224	.....	8	205	11	.....	.....
57	3	Cloth sponging and miscellaneous special finishing	8	2	397	7	30	346	14	.....	.....
58	9	Coal-tar products, crude and intermediate	6	.....	1,227	2	183	995	10	37	.....
59	7	Coated and glazed paper	8		690	20	60	508	102	.....	.....
60	4	Coats, suits, and skirts (except fur coats)—made in contract factories	15	20	363	3	2	353	1	.....	4
61	4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	67	42	2,217	82	101	1,878	147	.....	9
62	14	Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills	3	.....	411	1	52	354	4	.....	.....
63	9	Colors and pigments	6	.....	571	5	103	453	10	.....	.....
64	17	Commercial laundry, dry-cleaning, and pressing machinery	10	3	681	12	135	508	24	2	.....
65	9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	20	2	417	5	27	233	152	.....	.....
66	13	Concrete products	116	86	961	44	86	748	69	.....	14

See footnotes at end of table

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and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures or larger values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars 1,119,244,123	*Dollars* 73, 240, 521	*Dollars* 164,974,275	*Dollars* 750, 239, 085	*Dollars* 119,820,054	*Dollars* 8, 381, 740	*Dollars* 2,588,448	*Dollars* 2,593,265,567	*Dollars* 2,457,925,132	*Dollars* 63,431,740	*Dollars* 31,001,661	*Dollars* 40, 907, 034	*Dollars* 4,794,860,733	*Dollars* 2,201,595,166	1
895, 336	166, 523	84, 576	482, 741	157, 196	4, 300	----------	1, 544, 067	1, 509, 985	18, 472	15, 610	----------	3, 501, 449	1, 957, 382	2
24, 152, 969	230, 509	5, 012, 086	18, 183, 125	591, 723	102, 611	32, 915	40, 152, 644	38, 570, 964	916, 348	415, 706	249, 626	83, 049, 108	42, 896, 464	3
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	4
4, 319, 991	122, 269	718, 707	3, 043, 471	359, 398	76, 146	----------	22, 205, 051	21, 746, 696	207, 493	250, 862	----------	31, 477, 533	9, 272, 482	5
1, 465, 787	136, 533	123, 127	1, 003, 975	199, 142	----------	3, 010	1, 690, 294	1, 611, 199	44, 336	34, 759	----------	3, 923, 237	2, 232, 943	6
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	7
28, 468	----------	4, 415	19, 896	4, 157	----------	----------	29, 809	27, 653	454	663	1, 039	111, 815	82, 006	8
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	9
917, 708	43, 920	162, 711	644, 364	22, 831	43, 882	----------	1, 180, 880	1, 106, 755	30, 293	43, 832	----------	2, 572, 435	1, 391, 555	10
229, 501	3, 600	30, 597	156, 903	36, 841	----------	1, 560	816, 292	800, 473	2, 090	5, 066	8, 663	1, 262, 068	445, 776	11
816, 397	88, 486	154, 131	456, 556	110, 495	4, 649	2, 080	1, 608, 116	1, 518, 324	23, 248	44, 469	22, 075	3, 097, 411	1, 489, 295	12
2, 433, 271	115, 260	534, 021	1, 244, 553	499, 456	39, 981	----------	5, 426, 664	5, 182, 800	173, 407	70, 457	----------	10, 717, 259	5, 290, 595	13
118, 591	6, 540	10, 341	100, 408	1, 302	----------	----------	115, 903	111, 357	2, 378	2, 168	----------	285, 173	169, 270	14
1, 535, 829	117, 103	154, 711	956, 751	301, 210	6, 054	----------	3, 921, 229	3, 790, 724	38, 625	91, 880	----------	7, 018, 481	3, 097, 252	15
548, 558	58, 454	61, 008	379, 683	49, 413	----------	----------	1, 435, 274	1, 385, 124	11, 925	38, 225	----------	2, 495, 173	1, 059, 899	16
973, 271	136, 256	177, 568	506, 662	152, 785	----------	----------	1, 668, 871	1, 638, 523	3, 909	19, 738	6, 701	3, 263, 047	1, 594, 176	17
467, 401	71, 600	20, 409	330, 609	44, 783	----------	----------	806, 506	798, 600	598	5, 787	1, 521	1, 528, 954	722, 448	18
5, 221, 894	120, 263	458, 517	3, 646, 770	922, 932	34, 807	38, 605	11, 453, 852	11, 193, 452	184, 097	76, 303	----------	27, 568, 398	16, 114, 546	19
3, 161, 683	----------	752, 675	2, 175, 992	----------	233, 016	----------	40, 415, 927	23, 683, 978	16,531,321	200, 628	----------	46, 707, 305	6, 291, 378	20
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	21
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	22
39, 760	3, 750	5, 504	24, 086	6, 420	----------	----------	95, 985	94, 985	95	905	----------	162, 421	66, 436	23
3, 033, 282	380, 213	451, 470	2, 041, 134	160, 465	----------	----------	4, 595, 147	4, 293, 173	90, 609	104, 461	106, 904	11, 111, 561	6, 516, 414	24
4, 753, 500	602, 310	503, 910	3, 275, 812	362, 088	9, 380	----------	4, 191, 859	3, 894, 406	28, 055	103, 530	165, 868	12, 955, 646	8, 763, 787	25
7, 830, 047	727, 342	1, 010, 239	5, 491, 426	601, 040	----------	----------	5, 523, 795	4, 776, 959	79, 376	162, 535	504, 925	16, 284, 774	10, 760, 979	26
1, 358, 121	235, 580	272, 755	656, 953	192, 833	----------	----------	1, 376, 974	1, 077, 809	7, 504	28, 876	262, 785	4, 062, 358	2, 685, 384	27
4, 502, 915	950, 795	1, 338, 653	22, 636	2, 190, 831	----------	----------	7, 655, 786	1, 661, 364	3, 194	16, 379	5, 974, 849	21, 596, 591	13, 940, 805	28
907, 133	52, 252	98, 030	708, 011	48, 840	----------	----------	3, 622, 900	3, 587, 282	10, 123	25, 495	----------	5, 040, 657	1, 417, 757	29
25, 679, 642	821, 803	1, 677, 395	21, 082, 787	1, 840, 380	84, 814	172, 463	44, 175, 283	41, 909, 590	1, 374, 843	890, 850	----------	92, 112, 679	47, 937, 396	30
2, 814, 853	196, 187	223, 414	2, 153, 717	227, 461	7, 982	6, 092	1, 548, 061	513, 243	824, 524	205, 031	5, 263	5, 861, 107	4, 313, 046	31
478, 908	41, 430	24, 423	338, 618	74, 437	----------	----------	693, 369	678, 429	6, 996	7, 340	604	1, 338, 597	645, 228	32
605, 412	109, 283	35, 512	360, 991	99, 626	----------	----------	1, 322, 796	1, 299, 833	5, 947	16, 291	725	2, 444, 946	1, 122, 150	33
289, 418	29, 162	14, 862	239, 314	6, 080	----------	----------	193, 258	186, 346	2, 033	4, 879	----------	554, 410	361, 152	34
16, 739, 088	1, 210, 950	1, 643, 711	11, 164, 331	2, 578, 663	65, 948	75, 485	53, 531, 362	52, 575, 192	389, 761	522, 750	43, 659	91, 383, 660	37, 852, 298	35
5, 257, 928	154, 758	737, 736	4, 091, 575	245, 117	21, 665	7, 077	25, 737, 353	25, 113, 525	223, 971	105, 829	294, 028	47, 973, 082	22, 235, 729	36
519, 975	110, 151	49, 325	264, 928	84, 987	9, 544	1, 040	761, 309	747, 834	4, 560	7, 275	1, 640	1, 482, 199	720, 890	37
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	38
78, 131	22, 013	4, 049	47, 011	5, 058	----------	----------	124, 677	116, 021	837	1, 758	6, 061	247, 633	122, 956	39
10, 179, 008	45, 497	2, 189, 621	7, 860, 680	81, 937	----------	1, 273	20, 923, 887	20, 520, 170	291, 127	112, 590	----------	34, 894, 720	13, 970, 833	40
913, 128	56, 500	194, 388	489, 637	172, 603	----------	----------	1, 283, 818	1, 240, 320	10, 473	33, 025	----------	3, 020, 825	1, 737, 007	41
3, 432, 060	305, 478	356, 444	2, 006, 901	749, 577	----------	13, 660	4, 056, 078	3, 928, 539	52, 946	69, 501	5, 092	9, 426, 349	5, 370, 271	42
1, 610, 075	2, 800	221, 412	1, 356, 731	----------	29, 132	----------	2, 187, 072	966, 384	806, 612	119, 482	294, 594	7, 112, 174	4, 925, 102	43
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	44
567, 230	32, 622	91, 696	408, 399	32, 706	197	1, 610	5, 842, 450	5, 716, 987	74, 677	50, 786	----------	7, 271, 643	1, 429, 193	45
6, 027, 128	217, 198	1, 358, 203	3, 771, 123	75, 851	598, 387	6, 366	19, 832, 872	18, 312, 579	1, 343, 534	175, 400	1, 359	39, 301, 461	19, 468, 589	46
114, 379	11, 800	8, 030	90, 140	4, 409	----------	----------	194, 172	187, 391	58	2, 081	4, 642	338, 979	144, 807	47
698, 771	100, 120	70, 766	454, 373	73, 512	----------	----------	1, 367, 753	1, 333, 628	9, 532	19, 119	5, 474	2, 670, 306	1, 302, 553	48
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	49
(5)	----------	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	50
252, 149	10, 000	8, 231	227, 611	6, 307	----------	----------	328, 674	324, 434	2, 645	1, 595	----------	743, 711	415, 037	51
20, 046	----------	1, 565	18, 481	----------	----------	----------	17, 045	4, 080	12, 602	363	----------	71, 374	54, 329	52
486, 925	46, 455	60, 444	331, 127	48, 899	----------	----------	481, 525	353, 361	93, 237	34, 927	----------	1, 322, 544	841, 019	53
1, 892, 739	417, 131	224, 125	691, 988	542, 676	2, 486	14, 333	5, 469, 781	5, 394, 356	31, 855	41, 631	1, 939	12, 113, 398	6, 643, 617	54
7, 591, 380	187, 991	736, 589	5, 780, 514	649, 907	136, 893	99, 486	5, 493, 142	5, 395, 826	78, 193	19, 119	4	20, 727, 648	15, 234, 506	55
277, 362	----------	7, 109	259, 113	11, 140	----------	----------	741, 384	737, 728	100	3, 265	291	1, 220, 352	478, 968	56
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	57
2, 272, 818	27, 000	417, 665	1, 731, 946	26, 929	69, 278	----------	6, 339, 752	5, 865, 499	364, 781	55, 324	54, 148	13, 232, 097	6, 892, 345	58
1, 205, 583	178, 465	127, 042	670, 431	219, 569	----------	10, 076	5, 401, 923	5, 314, 017	23, 765	60, 796	3, 345	7, 644, 280	2, 242, 357	59
368, 663	9, 047	2, 738	355, 415	115	----------	1, 348	20, 765	13, 495	2, 049	5, 221	----------	486, 613	465, 848	60
3, 202, 117	337, 269	178, 049	2, 360, 347	318, 970	----------	7, 482	6, 117, 359	5, 588, 997	7, 139	35, 503	485, 720	11, 291, 573	5, 174, 214	61
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	62
847, 725	40, 161	230, 266	549, 835	27, 463	----------	----------	3, 009, 328	2, 700, 870	217, 078	91, 380	----------	4, 617, 798	1, 608, 470	63
929, 732	38, 151	234, 931	599, 287	56, 212	1, 151	----------	1, 639, 332	1, 584, 490	19, 080	18, 081	17, 681	3, 884, 652	2, 245, 320	64
713, 886	14, 750	61, 885	358, 445	278, 806	----------	----------	746, 093	542, 247	15, 554	188, 292	----------	3, 673, 428	2, 927, 335	65
1, 357, 899	128, 000	148, 571	955, 920	114, 463	----------	10, 945	2, 142, 274	2, 045, 341	38, 142	45, 790	13, 001	5, 224, 842	3, 082, 568	66

TABLE 8.—GENERAL STATISTICS FOR THE

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1]						
					Total [3]	Salaried officers of corporations [2]	Manufacturing		Distribution	Construction	Other
							Salaried employees [2]	Wage earners (average for year) [3]			
1	1	Condensed and evaporated milk	39	11	799	11	113	626	24	14	11
2	17	Construction and similar machinery (except mining and oil-field machinery and tools)	20	1	2,728	38	256	2,138	269	22	5
3	7	Converted paper products not elsewhere classified	30	19	1,758	34	95	1,410	208	10	1
4	6	Cooperage	21	5	944	24	60	841	19		
5	1	Corn strup, corn sugar, corn oil, and starch	4		4,552	1	585	3,553	317	64	32
6	4	Corsets and allied garments	19	10	2,217	28	145	1,675	361	1	7
7	20	Costume jewelry and costume novelties (jewelry other than fine jewelry)	9	7	348	11	27	274	36		
8	3	Cotton broad woven goods	8	3	439	9	33	381	16		
9	3	Cotton narrow fabrics	4		401	12	19	333	24	6	7
10	9	Cottonseed oil, cake, meal, and linters	4		244	3	21	196	9	15	
11	3	Cotton thread	3	1	193	4	28	141	20		
12	3	Cotton yarn	3	1	424	3	13	406	2		
13	1	Creamery butter	104	91	1,302	26	248	783	235	7	3
14	1	Cured fish	5		79	5	5	58	11		
15	4	Curtains, draperies, and bedspreads—contract factories	8	6	238	6	9	223			
16	4	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	27	20	780	19	45	675	39		2
17	14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	17	9	549	19	53	436	41		
18	20	Dental equipment and supplies	17	9	332	13	38	192	86	3	
19	7	Die-cut paper and paperboard, and converted cardboard	9	3	1,104	11	91	875	123		4
20	14	Doors, window sash, frames, molding, and trim (made of metal)	20	5	940	36	58	724	121	1	
21	4	Dress and semidress gloves and mittens: cloth, cloth and leather combined	3	1	585	4	29	512	40		
22	9	Drugs and medicines (including drug grinding)	88	24	3,433	128	362	1,697	1,225	13	8
23	3	Dyeing and finishing cotton, rayon, silk, and linen textiles	6		284	17	15	237	15		
24	16	Electrical appliances	25	1	5,922	44	865	4,519	488	4	2
25	16	Electrical measuring instruments	12	5	1,675	18	235	1,324	95	1	2
26	16	Electrical products not elsewhere classified	23	7	715	31	82	557	45		
27	16	Electric lamps	4		166	4	13	140	5	4	
28	15	Electroplating, plating, and polishing	84	99	2,027	50	109	1,740	113	9	6
29	8	Electrotyping and stereotyping, not done in printing establishments	29	3	1,113	64	94	670	285		
30	17	Elevators, escalators, and conveyors	23	7	1,937	44	239	1,212	417	14	11
31	4	Embroideries, other than Schiffli-machine products—contract factories	16	19	227	12	4	193	17		1
32	4	Embroideries, other than Schiffli-machine products—made in regular factories or by jobbers engaging contractors	4	7	84		6	74	4		
33	4	Embroideries: Schiffli-machine products	8	2	265	11	13	226	14		1
34	14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	35	6	2,469	57	249	1,872	288	3	
35	14	Enameling, japanning, and lacquering	19	13	535	20	32	459	23	1	
36	15	Engraving on metal (except for printing purposes)	12	7	322	16	36	245	25		
37	8	Engraving (steel, copperplate, and wood); plate printing	55	29	864	58	71	653	82		
38	7	Envelopes	22	3	1,616	38	102	1,214	246	16	
39	9	Explosives	7	1	404		35	369			
40	20	Fabricated plastic products, not elsewhere classified	28	13	2,435	42	241	2,016	124	12	
41	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	90	28	2,701	132	353	2,000	207	8	1
42	20	Feathers, plumes, and artificial flowers	19	19	437	8	20	372	37		
43	3	Felt goods, wool, hair, and jute (except woven felts and hat bodies and hats)	5		652	2	49	589	12		
44	9	Fertilizers	19	3	654	4	53	494	102		1
45	14	Files	3		60	6		54			
46	3	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	7	1	218	3	11	201	3		
47	9	Fireworks	4	2	73	2	6	63	1	1	
48	1	Flavoring extracts and flavoring sirups, not elsewhere classified	48	14	1,052	71	136	468	368	5	4
49	1	Flour and other grain-mill products	58	28	2,250	61	265	1,634	267	13	10
50	1	Food preparations, not elsewhere classified	87	55	2,195	99	202	1,326	562		6
51	17	Food-products machinery	40	12	3,121	69	335	2,305	406	3	3
52	12	Footwear (except rubber)	65	15	18,817	67	919	17,415	391	6	19
53	14	Forgings, iron and steel—made in plants not operated in connection with rolling mills	27	5	3,233	44	342	2,620	141	48	38
54	4	Fur coats and other fur garments, accessories, and trimmings	94	96	580	61	37	423	59		
55	20	Furs, dressed and dyed	3		106	6	6	93	1		
56	14	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	11	3	233	12	19	197	5		
57	20	Games and toys (except dolls and children's vehicles)	35	33	2,665	35	188	2,219	222	1	
58	8	General commercial (job) printing	857	717	21,999	594	2,052	17,528	1,726	99	
59	16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	52	18	3,697	84	448	2,913	230		22
60	13	Glass containers	6		4,038	5	519	3,472	28	14	
61	9	Glue and gelatin	15	7	746	12	103	544	83	3	1
62	15	Gold and silver leaf and foil	3	4	53	1	[illegible]	44	6		
63	8	Gravure, rotogravure, and rotary photogravure (including preparation of plates)	5	1	1,395	8	119	1,249	19		
64	14	Gray-iron and semisteel castings	87	31	5,779	99	413	5,128	101	30	8
65	9	Grease and tallow (except lubricating greases)	19	18	619	4	40	532	4	39	

See footnotes at end of table.

STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
1,150,131	117,370	207,599	737,240	54,334	19,102	14,486	11,364,926	11,056,694	210,947	97,285	----------	14,320,747	2,955,821	1
4,971,856	313,456	614,139	3,329,034	630,026	74,598	10,603	9,143,740	8,935,974	120,414	76,388	10,964	20,758,148	11,614,408	2
2,422,786	274,041	218,770	1,462,620	446,164	19,675	1,516	4,668,948	4,517,445	21,900	61,407	68,196	12,896,104	8,227,156	3
1,129,222	126,273	121,020	840,047	41,882	----------	----------	3,495,636	3,433,301	38,914	23,421	----------	5,062,224	1,566,588	4
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	5
2,740,387	250,987	212,086	1,534,832	735,285	2,000	5,197	3,376,256	3,348,075	11,742	16,439	----------	8,113,474	4,737,218	6
329,252	48,800	38,171	189,457	52,824	----------	----------	575,976	570,666	2,203	3,107	----------	1,183,642	607,666	7
460,168	49,870	63,769	321,356	25,173	----------	----------	1,253,821	1,231,688	9,662	12,471	----------	2,439,967	1,186,146	8
367,233	64,793	29,499	214,131	40,279	8,016	10,515	422,582	405,583	3,630	13,369	----------	979,920	557,338	9
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	10
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	11
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	12
1,646,524	104,622	364,459	851,541	313,556	8,772	3,574	16,980,815	16,727,783	92,478	160,554	----------	20,288,186	3,307,371	13
105,371	18,700	6,617	65,129	14,925	----------	----------	611,660	608,229	2,018	1,413	----------	793,224	181,564	14
176,825	14,079	11,616	151,130	----------	----------	----------	72,563	67,408	836	4,319	----------	308,700	236,137	15
703,054	127,703	83,416	435,637	54,194	----------	2,104	2,249,027	2,210,630	174	15,168	23,055	3,272,900	1,023,873	16
853,046	101,443	93,535	583,433	74,635	----------	----------	570,398	523,146	15,967	26,408	4,877	2,003,469	1,433,071	17
439,790	58,387	54,960	177,908	142,400	6,135	----------	366,757	351,868	5,641	6,746	2,502	1,017,277	650,520	18
1,597,306	144,700	209,752	991,436	238,575	----------	12,843	1,843,899	1,773,674	25,219	19,609	25,397	5,294,418	3,450,519	19
1,498,615	241,377	103,146	930,722	218,870	4,500	----------	2,499,062	2,325,268	16,726	38,062	119,006	5,778,158	3,279,096	20
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	21
5,412,541	743,679	665,833	1,727,500	2,247,096	17,052	11,381	9,464,680	9,201,043	104,603	81,700	77,334	30,965,580	21,500,900	22
418,565	123,385	44,381	232,860	17,939	----------	----------	355,829	298,077	36,293	21,459	----------	967,345	611,516	23
9,697,658	363,933	2,089,567	6,313,315	921,677	6,559	2,607	13,755,196	13,298,737	142,226	248,209	66,024	33,899,814	20,144,618	24
2,630,663	119,679	499,764	1,773,994	232,124	1,201	3,901	1,937,408	1,882,702	14,241	35,740	4,725	6,285,792	4,348,384	25
1,063,312	230,803	167,710	574,780	90,019	----------	----------	1,503,478	1,474,537	7,751	20,786	404	3,435,119	1,931,641	26
188,192	26,800	25,181	117,034	12,661	6,516	----------	175,262	167,178	2,216	5,868	----------	452,661	277,399	27
2,744,400	276,491	229,396	2,053,525	166,647	11,933	6,408	1,895,698	1,537,802	71,378	222,179	64,339	6,443,751	4,548,053	28
2,687,718	420,866	231,689	1,520,883	514,280	----------	----------	732,491	614,359	20,119	62,301	35,712	4,833,704	4,101,213	29
3,444,377	220,489	444,016	2,004,327	723,713	39,237	12,595	3,699,785	3,577,748	45,883	49,287	26,867	9,036,265	5,336,480	30
198,897	42,693	4,726	129,772	19,666	----------	2,040	62,931	59,414	537	2,980	----------	357,138	294,207	31
68,487	----------	6,000	59,487	3,000	----------	----------	70,704	65,598	509	3,257	1,340	186,139	115,435	32
335,525	86,630	20,982	186,279	40,834	----------	800	275,684	267,840	3,376	4,468	----------	764,955	489,271	33
3,880,192	478,096	443,026	2,397,797	555,933	5,340	----------	5,340,070	5,127,630	96,549	80,846	35,045	12,039,322	6,699,252	34
637,664	104,353	58,189	432,894	40,359	1,869	----------	579,869	468,643	67,997	37,756	5,473	1,601,089	1,021,220	35
518,059	114,867	68,413	293,789	40,990	----------	----------	270,585	244,834	6,597	10,795	8,359	1,068,722	798,137	36
1,328,911	270,535	134,561	817,610	106,205	----------	----------	1,120,395	1,046,853	4,712	21,705	47,125	3,329,738	2,209,343	37
2,391,533	259,288	242,235	1,393,700	459,130	37,180	----------	3,607,054	3,456,118	26,045	67,116	57,775	7,508,836	3,901,782	38
703,944	----------	121,784	582,160	----------	----------	----------	1,995,683	1,890,024	71,234	34,425	----------	4,659,323	2,663,640	39
3,353,377	245,885	498,817	2,358,616	233,214	16,845	----------	3,825,172	3,622,556	62,600	99,098	40,918	9,181,606	5,356,434	40
4,381,424	583,107	721,279	2,671,582	390,456	14,000	1,000	9,730,867	9,441,417	58,401	132,612	98,437	17,022,603	7,291,736	41
301,548	19,261	30,694	203,922	47,671	----------	----------	470,960	455,963	1,847	4,062	9,088	1,100,007	629,047	42
761,070	6,400	92,942	643,308	18,420	----------	----------	2,291,940	2,201,884	58,366	31,690	----------	3,986,524	1,694,584	43
843,134	20,000	112,020	490,010	220,287	317	500	3,817,265	3,720,129	30,757	66,379	----------	6,108,692	2,291,427	44
66,858	18,586	----------	48,272	----------	----------	----------	48,505	39,946	5,379	2,180	1,000	174,745	126,240	45
199,334	8,620	20,768	164,940	5,006	----------	----------	395,736	381,374	9,433	4,929	----------	658,132	262,396	46
88,407	14,610	8,412	57,945	6,123	1,317	----------	128,300	124,880	630	2,790	----------	267,127	138,827	47
1,982,582	476,801	252,190	438,856	799,093	8,819	6,823	7,729,489	7,671,146	26,578	29,802	1,963	21,441,680	13,712,191	48
3,165,847	281,619	535,264	1,974,167	344,463	20,373	9,961	31,999,229	31,454,174	215,842	328,159	1,054	42,765,720	10,766,491	49
3,287,303	567,014	401,136	1,249,141	1,055,144	----------	14,868	13,343,328	13,139,294	115,285	88,749	----------	22,565,061	9,221,733	50
5,065,157	423,767	698,519	3,300,999	632,916	4,160	4,796	5,857,226	5,660,591	58,137	91,774	46,724	15,510,751	9,653,525	51
16,661,057	316,367	1,356,927	14,230,794	705,250	7,165	44,554	30,428,426	30,134,991	85,449	180,134	27,852	62,897,074	32,468,648	52
5,900,393	327,287	837,132	4,412,250	198,691	80,349	44,684	11,638,102	10,621,115	724,361	265,313	27,313	22,911,692	11,273,590	53
1,060,480	229,925	76,416	656,864	97,275	----------	----------	2,640,802	2,546,503	1,606	25,816	66,877	4,492,731	1,851,929	54
148,004	38,588	9,616	97,883	1,917	----------	----------	228,228	211,222	11,050	5,956	----------	484,272	256,044	55
292,137	47,580	31,178	208,852	4,527	----------	----------	364,721	311,184	29,287	18,854	5,396	849,507	484,786	56
2,640,515	336,022	288,169	1,592,018	421,086	3,220	----------	2,678,573	2,593,544	22,506	59,599	2,924	7,050,784	4,372,211	57
38,152,222	3,169,653	4,425,329	27,104,265	3,224,170	228,805	----------	35,342,974	28,649,981	320,808	877,590	5,494,595	95,600,226	60,257,252	58
5,026,823	479,767	889,871	3,194,612	440,884	----------	21,689	6,505,110	6,327,469	46,298	102,056	29,287	15,975,362	9,470,252	59
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	60
1,250,730	108,945	183,486	724,787	226,832	6,600	80	3,792,654	3,375,641	400,403	16,610	----------	6,590,345	2,797,691	61
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	62
3,009,877	85,160	311,013	2,538,880	74,824	----------	----------	3,077,748	2,422,821	42,000	92,998	519,929	8,323,669	5,245,921	63
7,934,218	505,302	856,556	6,274,117	287,202	10,839	202	8,286,120	7,355,548	632,042	289,669	8,861	20,259,126	11,973,006	64
892,557	28,100	91,259	706,851	10,820	55,527	----------	4,831,696	4,631,004	169,028	31,664	----------	7,246,712	2,415,016	65

TABLE 8.—GENERAL STATISTICS FOR THE

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [4]	Distribution	Construction	Other
1	8	Greeting cards (except hand-painted)	14	4	1,107	21	188	797	100	1	
2	20	Hair work	5	3	63	6	4	51	2		
3	4	Handkerchiefs—made in inside factories or by jobbers engaging contractors	4	1	361	6	15	323	17		
4	20	Hand stamps, stencils, and brands	30	15	694	32	69	446	142	5	
5	14	Hardware not elsewhere classified	69	15	7,036	138	662	5,666	561	8	1
6	4	Hat and cap materials, trimmings, etc.	4	2	40	4	1	32	3		
7	14	Heating and cooking apparatus, except electric, not elsewhere classified	22	5	811	32	86	610	83		
8	3	Hosiery—full-fashioned	4		722	7	23	674	18		
9	3	Hosiery—seamless	11	1	2,829	16	156	2,609	44	1	3
10	4	House dresses, uniforms, and aprons—made in contract factories	3	1	119	4	1	112	1		1
11	4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	49	32	4,788	26	235	4,322	199	2	4
12	4	Household furniture (except curtains, draperies, and bedspreads)	47	27	1,528	43	79	1,264	135	4	3
13	6	Household furniture, except upholstered	133	37	10,453	226	763	8,755	689	3	17
14	1	Ice cream and ices	142	97	2,340	84	231	1,026	889	25	85
15	1	Ice, manufactured	195	45	2,120	75	176	986	810	17	56
16	12	Industrial leather belting and packing leather	9	2	301	6	21	240	34		
17	17	Industrial machinery, not elsewhere classified	55	23	2,690	84	476	1,815	291	10	14
18	9	Insecticides, fungicides, and related industrial and household chemical compounds	69	26	1,262	60	173	582	440		7
19	16	Insulated wire and cable	8		787	19	24	502	41		1
20	17	Internal-combustion engines	4		1,183	15	203	751	200	14	
21	20	Jewelry cases and instrument cases	11	12	640	8	60	545	27		
22	15	Jewelry (precious metals)	48	26	815	58	48	584	124		1
23	3	Knitted cloth	3	1	86	2	2	78	4		
24	3	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	14	5	580	22	29	490	38	1	
25	3	Knitted underwear	4		597	5	24	545	23		
26	6	Laboratory, hospital, and other professional furniture	11	2	405	20	38	298	47	2	
27	20	Lampshades	18	21	895	6	35	821	31	2	
28	15	Lapidary work	6	4	19	5		12	2		
29	17	Laundry equipment, domestic	10	2	2,296	15	183	1,948	136		14
30	12	Leather gloves and mittens	15	10	897	15	37	822	21		2
31	12	Leather goods not elsewhere classified	12	13	210	7	19	168	15	1	
32	12	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	24	3	4,612	40	336	4,190	41	5	
33	15	Lighting fixtures	97	46	5,200	124	412	3,927	703	7	27
34	13	Lime	13	8	283	2	22	255	3	1	
35	1	Liquors, distilled	4		1,005		157	580	90		178
36	1	Liquors, rectified or blended	21	3	388	9	54	303	22		
37	8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	89	20	6,543	169	715	4,866	754	17	22
38	9	Lubricating oils and greases—not made in petroleum refineries	17	6	245	20	40	109	75	1	
39	1	Macaroni, spaghetti, vermicelli, and noodles	30	26	1,092	37	76	856	116	2	5
40	8	Machine and hand typesetting (including advertisement typesetting)	76	58	1,222	63	127	956	76		
41	17	Machine-shop products, not elsewhere classified	205	94	7,550	234	991	5,678	595	30	22
42	17	Machine-shop repairs	68	61	568	26	58	475	7		2
43	17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	100	79	3,365	99	274	2,798	169	16	9
44	17	Machine tools	20	1	3,448	51	585	2,595	198	17	2
45	14	Malleable-iron castings	14		3,497	28	220	3,225	20	1	
46	1	Malt	5		294	2	30	255	5	2	
47	1	Malt liquors	56	1	4,087	109	268	2,517	1,091	77	25
48	6	Matches	4	2	192	3	24	160	3		2
49	6	Mattresses and bedsprings	51	38	2,747	49	220	2,308	166		4
50	1	Meat packing, wholesale	82	40	31,644	128	3,187	23,492	4,547	248	42
51	17	Mechanical power-transmission equipment	27	5	2,087	51	216	1,691	118	6	5
52	4	Men's and boys' hats and caps (except felt and straw)	24	29	596	10	28	528	22	3	5
53	4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	11	4	501	11	28	442	19		1
54	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	110	141	2,286	24	53	2,172	34		3
55	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	104	45	13,089	124	667	11,815	462	6	15
56	4	Men's neckwear—made in inside factories or by jobbers engaging contractors	28	23	705	15	33	606	51		
57	17	Metalworking machinery and equipment, not elsewhere classified	29	5	2,635	46	469	1,954	153	1	12
58	4	Millinery	76	42	3,341	91	175	2,914	160		1
59	13	Minerals and earths, ground or otherwise treated	12		393	12	23	321	37		
60	13	Mineral wool	5	1	78	3	6	65	4		
61	17	Mining machinery and equipment	5		1,002	9	224	604	165		
62	6	Mirror frames and picture frames	38	18	1,888	49	111	1,538	190		
63	13	Mirrors and other glass products made of purchased glass	47	32	1,574	39	104	1,278	125	3	25
64	20	Miscellaneous fabricated products not elsewhere classified	58	32	2,710	57	289	2,183	178	3	
65	4	Miscellaneous fabricated textile products not elsewhere classified	30	17	712	34	50	496	122	3	7
66	20	Models and patterns (except paper patterns)	72	90	564	27	19	498	20		
67	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	51	29	522	48	58	364	49		3
68	19	Motorcycles, bicycles, and parts	5	1	762	6	66	663	27		
69	18	Motor vehicles, motor-vehicle bodies, parts and accessories	97	32	9,333	147	804	7,362	987	20	13
70	9	Mucilage, paste, and other adhesives, except glue and rubber cement	5	3	28	2	8	12	6		

See footnotes at end of table.

STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
1,450,505	272,313	234,290	790,580	152,112	1,210	----------	1,638,513	1,083,206	2,903	16,399	536,005	5,342,257	3,703,744	1
108,442	57,200	6,891	40,926	3,425	----------	----------	398,342	394,988	1,469	242	1,643	542,300	143,958	2
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	----------	(5)	(5)	(5)	(5)	3
966,169	161,258	113,997	500,841	181,561	8,512	----------	597,568	560,647	13,741	15,384	7,796	1,990,159	1,392,591	4
9,879,985	945,397	1,239,952	6,606,356	1,074,036	11,279	2,965	11,298,990	10,856,452	180,734	156,554	105,250	29,404,614	18,105,624	5
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	6
1,043,356	131,604	135,228	668,736	107,788	----------	----------	1,871,488	1,825,316	17,995	27,111	1,066	4,034,135	2,162,647	7
859,540	43,327	47,957	739,207	29,049	----------	----------	1,068,260	968,092	2,891	15,677	81,600	2,083,972	1,015,712	8
2,776,020	85,651	260,142	2,341,871	84,184	2,658	1,514	3,529,104	3,398,800	95,040	35,264	----------	8,443,731	4,914,627	9
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	10
3,187,712	143,481	352,831	2,382,470	303,236	2,586	3,108	6,786,883	6,267,799	10,399	59,654	449,031	11,866,350	5,079,467	11
1,419,614	247,803	119,784	861,923	181,186	6,316	2,602	7,165,573	6,933,143	13,791	33,741	184,898	10,318,045	3,152,472	12
12,815,352	1,412,520	1,216,912	9,109,581	1,041,849	3,979	30,511	15,622,239	15,015,140	220,737	299,523	86,839	35,125,936	19,503,697	13
3,854,942	387,632	417,141	1,128,315	1,736,254	41,170	144,430	8,846,562	8,410,840	86,996	348,416	310	19,620,506	10,773,944	14
2,930,387	227,557	345,679	1,240,079	1,055,701	7,913	53,458	1,646,938	411,461	128,450	1,107,027	----------	8,573,173	6,926,235	15
468,166	47,279	47,054	275,616	98,217	----------	----------	1,521,320	1,502,870	4,426	11,855	2,169	2,914,362	1,393,042	16
5,222,870	584,948	914,983	2,955,940	734,419	17,181	15,399	5,573,271	5,250,500	80,308	142,922	99,541	14,081,363	8,508,092	17
2,366,342	516,396	331,188	681,128	830,963	----------	6,667	5,782,659	5,652,940	55,876	46,371	27,472	12,782,807	7,000,148	18
690,000	153,475	60,898	410,676	64,585	----------	366	1,205,370	1,150,016	19,398	28,969	6,987	2,233,857	1,028,487	19
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	20
837,014	89,400	128,220	551,684	67,710	----------	----------	722,391	706,187	7,243	8,961	----------	2,014,666	1,292,275	21
1,206,111	207,938	82,852	747,254	167,443	----------	624	1,939,360	1,901,106	3,956	17,574	16,724	3,612,007	1,672,647	22
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	23
559,751	73,195	46,084	388,927	47,320	4,225	----------	1,055,489	1,040,204	3,452	11,833	----------	1,850,779	795,290	24
566,856	75,120	37,108	402,315	52,313	----------	----------	721,115	706,601	8,123	6,391	----------	1,795,503	1,074,388	25
608,777	85,071	78,274	356,050	86,469	2,913	----------	560,466	522,975	4,818	17,836	14,837	1,426,653	866,187	26
601,940	35,500	46,508	478,628	37,204	4,100	----------	1,269,119	1,259,046	1,329	8,744	----------	2,378,994	1,109,875	27
34,691	12,912	----------	18,971	2,808	----------	----------	19,710	18,895	52	763	----------	66,830	47,120	28
3,114,295	62,948	355,734	2,372,794	308,094	----------	14,725	7,251,694	7,106,147	60,946	84,601	----------	12,884,481	5,632,787	29
729,639	67,762	50,000	577,381	33,495	----------	1,001	1,215,659	1,200,609	3,981	11,069	----------	2,299,718	1,084,059	30
254,368	49,402	29,022	152,182	21,422	2,340	----------	381,159	375,603	1,855	3,311	390	790,190	409,031	31
6,983,297	431,363	718,262	5,717,593	106,082	9,997	----------	21,936,302	21,188,450	266,064	223,729	258,059	32,992,789	11,056,487	32
7,267,152	910,926	764,274	4,094,321	1,449,950	10,751	36,930	10,583,664	10,194,770	144,363	163,133	81,398	23,079,003	12,495,339	33
339,854	13,000	42,879	280,798	3,035	142	----------	577,421	324,493	171,700	81,228	----------	1,517,827	940,406	34
1,780,384	----------	307,710	854,306	276,552	----------	341,816	4,526,710	4,196,819	271,254	58,637	----------	9,564,224	5,037,514	35
528,927	66,000	77,703	360,347	24,877	----------	----------	2,506,478	2,481,194	13,117	12,167	----------	4,150,027	1,643,549	36
11,340,247	1,243,750	1,505,482	6,845,087	1,666,038	33,791	46,099	10,624,002	9,233,865	95,008	236,634	1,058,495	28,686,300	18,062,298	37
492,417	93,442	74,362	124,414	198,344	1,855	----------	1,857,265	1,819,367	17,151	12,290	8,457	3,248,965	1,391,700	38
1,164,421	166,603	104,030	712,869	169,497	1,042	10,380	3,791,449	3,647,401	54,595	89,453	----------	6,323,003	2,531,554	39
2,544,049	297,460	211,224	1,829,289	206,076	----------	----------	450,731	296,741	19,696	54,609	79,685	3,981,394	3,530,663	40
12,079,902	1,345,919	1,965,431	7,690,098	1,004,965	44,273	29,216	19,867,792	19,036,519	322,093	359,098	150,082	43,825,773	23,957,981	41
944,010	63,125	96,797	776,493	6,248	----------	1,347	437,075	384,319	21,953	26,557	4,246	1,904,664	1,467,589	42
5,955,129	542,595	610,806	4,376,214	397,824	18,159	9,531	4,185,234	3,854,686	65,086	153,252	112,210	12,972,091	8,786,857	43
6,510,641	554,543	1,321,213	4,068,482	538,842	24,562	2,999	5,170,141	4,931,409	92,395	96,766	49,571	15,665,667	10,495,526	44
4,605,713	171,633	495,472	3,886,552	44,549	7,507	----------	2,796,381	2,210,067	484,968	101,346	----------	9,036,179	6,239,798	45
704,892	19,200	81,234	543,372	56,732	4,354	----------	6,330,071	6,022,483	203,322	104,266	----------	9,298,353	2,968,282	46
8,116,111	721,147	719,696	4,261,817	2,257,368	122,351	33,732	11,405,083	10,620,044	546,961	237,109	969	32,707,332	21,302,249	47
249,098	27,300	49,984	151,581	18,233	----------	2,000	550,673	522,390	4,263	9,994	14,026	1,237,655	686,982	48
3,162,239	292,568	409,460	2,098,964	356,340	----------	4,907	6,817,210	6,721,252	27,015	67,515	1,428	12,607,340	5,790,130	49
51,258,102	1,098,208	6,787,167	34,042,717	8,894,002	387,551	48,457	398,469,212	394,880,889	2,059,660	983,053	545,610	479,501,224	81,032,012	50
3,646,922	483,919	445,712	2,454,244	241,407	15,059	6,581	3,764,498	3,529,056	72,276	122,297	40,869	9,867,910	6,103,412	51
630,762	61,753	64,035	456,065	34,961	3,986	9,962	913,113	882,741	5,560	18,139	6,673	1,848,179	935,066	52
349,039	31,920	38,755	252,971	24,718	----------	675	587,142	575,199	664	6,480	4,799	1,114,462	527,320	53
1,953,291	71,727	80,032	1,771,448	27,949	----------	2,135	546,655	385,956	16,977	27,547	116,175	3,217,907	2,671,252	54
15,851,734	680,535	1,275,878	13,198,024	668,778	7,796	20,723	25,468,813	21,551,725	105,311	141,098	3,670,679	50,736,728	25,267,915	55
590,498	56,711	46,227	390,378	97,182	----------	----------	1,097,042	1,081,233	836	9,480	5,493	2,029,039	931,997	56
4,754,710	362,589	918,143	3,156,472	302,310	1,410	13,786	4,909,056	4,572,033	47,632	117,661	171,730	13,400,618	8,491,562	57
3,608,757	387,833	288,985	2,572,132	358,247	----------	1,560	3,820,046	3,743,426	14,658	61,139	823	8,921,989	5,101,943	58
491,294	71,450	40,285	324,108	55,451	----------	----------	852,879	700,987	77,268	66,620	8,004	2,209,833	1,356,954	59
96,877	13,475	11,614	66,868	4,920	----------	----------	130,122	87,753	35,423	6,946	----------	285,430	155,308	60
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	61
2,164,695	284,768	176,286	1,379,859	323,782	----------	----------	2,359,751	2,290,196	21,501	48,054	----------	5,702,249	3,342,498	62
1,777,564	213,520	171,419	1,127,851	230,987	4,474	29,313	2,162,663	2,068,822	34,477	37,285	22,079	4,766,007	2,603,344	63
3,146,523	281,462	539,637	2,009,439	311,488	4,497	----------	4,001,345	3,830,164	37,901	57,930	75,350	9,403,594	5,402,249	64
903,290	130,015	100,861	385,581	263,569	13,400	9,864	1,493,814	1,460,119	11,363	14,006	8,326	2,944,450	1,450,636	65
934,014	78,484	33,283	790,641	31,606	----------	----------	370,772	332,600	11,416	22,303	4,453	1,978,484	1,607,712	66
774,471	114,981	98,411	464,464	92,407	782	3,426	865,340	781,002	6,927	66,311	11,100	2,130,926	1,265,586	67
975,846	66,148	84,019	750,441	75,238	----------	----------	3,892,784	3,839,194	17,318	17,567	18,705	5,441,985	1,549,201	68
14,433,201	927,862	1,620,954	9,749,692	2,086,008	25,306	23,379	61,093,790	60,414,057	294,744	364,864	20,125	88,845,130	27,751,340	69
63,185	9,600	19,995	16,217	17,373	----------	----------	147,858	145,135	1,874	849	----------	270,153	122,295	70

TABLE 8.—GENERAL STATISTICS FOR THE

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [3]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
1	20	Musical instruments, parts, and materials not elsewhere classified	25	19	825	31	75	670	49		
2	14	Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills	4	1	54	7	9	37	1		
3	20	Needles, pins, hooks and eyes, and slide and snap fasteners	4		847	14	67	630	114	22	
4	8	Newspapers: publishing and printing	399	353	15,228	240	3,787	7,580	3,608	7	6
5	8	Newspapers: publishing without printing	34	22	183	21	128	18	16		
6	1	Nonalcoholic beverages	259	257	3,415	142	247	1,475	1,528	8	15
7	15	Nonferrous-metal foundries (except aluminum)	58	42	1,427	50	96	1,236	37	3	5
8	15	Nonferrous-metal products not elsewhere classified	54	25	4,198	67	356	3,443	236	85	11
9	17	Office and store machines not elsewhere classified	18		2,355	31	406	1,721	190	2	5
10	6	Office furniture	21	13	1,587	33	180	1,267	107		
11	14	Oil burners, domestic and industrial	13	3	639	22	109	386	122		
12	17	Oil-field machinery and tools	3		107	2	15	85	4		1
13	1	Oleomargarine—not made in meat-packing establishments	4		685	6	66	366	232		15
14	20	Ophthalmic goods: lenses and fittings	4	3	159	5	16	119	19		
15	20	Organs	5	1	425	5	35	362	23		
16	10	Oven coke and coke-oven byproducts	9		1,724		250	1,431	14	10	19
17	9	Paints, varnishes, and lacquers	114	36	5,449	145	917	3,432	875	16	64
18	7	Paper and paperboard mills	22		4,149	22	345	3,649	128	3	2
19	7	Paper bags, except those made in paper mills	9	2	1,007	12	83	843	66	3	
20	7	Paperboard containers and boxes not elsewhere classified	119	49	7,421	154	585	6,106	524	42	10
21	6	Partitions, shelving, cabinet work, and office and store fixtures	68	34	2,910	112	191	2,442	152	5	8
22	10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	14	2	326	17	43	248	18		
23	20	Pens, mechanical pencils, and pen points	7	3	989	11	78	706	194		
24	9	Perfumes, cosmetics, and other toilet preparations	64	30	1,499	59	116	870	451		3
25	8	Periodicals: publishing and printing	55	9	4,212	60	851	2,629	671	1	
26	8	Periodicals: publishing without printing	293	81	3,093	312	1,813	51	917		
27	10	Petroleum refining	15		6,220	6	1,014	4,282	82	836	
28	8	Photoengraving, not done in printing establishments (including preparation of plates)	64	34	2,471	88	276	1,786	319	2	
29	20	Photographic apparatus and materials and projection equipment (except lenses)	33	19	2,311	43	267	1,483	518		
30	9	Piano and organ parts and materials	4		361	10	27	321	3		
31	20	Pianos	7	1	1,942	10	168	1,703	61		
32	1	Pickled fruits and vegetables and vegetable sauces and seasonings	32	17	1,012	32	44	784	141	7	4
33	5	Planing mills not operated in conjunction with sawmills	163	96	4,231	157	284	3,463	305	1	21
34	9	Plastic materials	4		43	1	5	34	3		
35	13	Pottery products not elsewhere classified	10	2	598	13	47	526	12		
36	1	Poultry dressing and packing, wholesale	38	27	698	5	60	592	37	4	
37	14	Power boilers and associated products	43	24	1,626	56	221	1,283	62	3	1
38	1	Prepared feeds (including mineral) for animals and fowls	55	31	2,246	38	219	1,115	864		10
39	1	Preserves, jams, jellies, and fruit butters	17	3	623	18	79	493	29	1	3
40	15	Primary smelting and refining of nonferrous metals	6		2,857	10	206	2,576	13	48	4
41	9	Printing ink	38	10	819	23	156	543	90	4	3
42	17	Printing-trades machinery and equipment	48	28	2,682	45	358	1,971	284	12	12
43	3	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	4	4	72	2	9	60	1		
44	20	Professional and scientific instruments (except surgical and dental)	23	5	1,002	38	128	742	92	2	
45	6	Public-building furniture	12	5	334	21	19	281	12		1
46	17	Pumping equipment and air compressors	32	3	3,080	60	401	2,174	369	38	38
47	16	Radios, radio tubes, and phonographs	41	11	12,326	74	1,269	10,353	550	47	33
48	4	Raincoats and other waterproof garments (except oiled cotton)	7	7	240	4	12	219	3		2
49	6	Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets	4	5	31	3		25	3		
50	17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	31	7	1,145	41	121	814	147	5	17
51	4	Robes, lounging garments, and dressing gowns	6	6	184	7	1	156	19		1
52	10	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	22	4	2,704	7	211	2,241	194	45	6
53	11	Rubber products not elsewhere classified	34	8	2,613	37	208	2,251	113	4	
54	12	Saddlery, harness, and whips	10	5	219	10	14	171	23	1	
55	1	Salad dressings	6	3	243	5	21	206	11		
56	1	Sausage casings—not made in meat-packing establishments	10		681	11	35	551	84		
57	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	89	44	2,445	81	168	1,740	441	9	6
58	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	45	39	894	11	46	823	10		4
59	14	Saws	10	9	163	10	35	112	5		1
60	17	Scales and balances	14	3	653	24	57	503	68		1
61	14	Screw-machine products and wood screws	52	31	3,778	63	347	3,017	314	31	6
62	15	Secondary smelting and refining of nonferrous metals, not elsewhere classified	24	8	1,516	34	169	1,209	70	22	12
63	17	Sewing machines, domestic and industrial	7		1,578	9	188	1,133	190	58	
64	15	Sheet-metal work not specifically classified	107	55	2,622	104	237	2,050	219	2	10
65	19	Shipbuilding and ship repairing	5	2	244	8	17	215	1	3	
66	20	Signs, advertising displays, and advertising novelties	115	73	3,428	134	383	2,574	327	10	
67	15	Silverware and plated ware	6	3	206	4	11	154	35	1	1
68	12	Small leather goods	5	3	81	3	8	67	3		
69	9	Soap and glycerin	27	5	2,401	33	400	1,479	359	116	14
70	20	Soda fountains, beer dispensing equipment, and related products	6		935	8	159	749	18	1	

See footnotes at end of table.

STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	
1,015,960	121,396	130,261	688,828	75,475	----------	----------	927,231	875,344	12,715	28,450	10,722	2,441,146	1,513,915	1
94,750	19,512	17,852	50,760	6,626	----------	----------	158,459	150,125	3,020	5,139	175	358,708	200,249	2
1,067,199	272,296	120,738	470,084	164,427	39,654	----------	1,224,536	938,809	13,821	18,388	253,518	2,927,557	1,703,021	3
32,389,099	1,807,600	8,260,424	15,163,958	7,138,359	7,849	10,909	23,532,324	20,128,179	164,147	604,623	2,635,375	79,290,499	55,758,175	4
258,200	82,045	135,391	21,217	19,547	----------	----------	515,870	41,643	1,021	2,885	470,321	1,059,262	543,392	5
4,684,739	608,521	366,647	1,228,947	2,447,104	17,957	15,563	9,262,298	8,948,273	99,186	175,138	39,701	22,469,801	13,207,503	6
1,890,698	228,671	183,294	1,418,595	51,670	4,800	3,668	2,950,744	2,730,256	131,149	61,859	27,480	5,888,774	2,938,030	7
6,132,463	489,971	690,741	4,432,700	456,089	48,313	14,649	7,263,935	6,661,613	181,623	215,775	204,924	16,582,581	9,318,646	8
3,556,069	186,836	823,144	2,241,298	298,286	2,535	3,970	3,992,353	3,829,295	54,982	69,678	38,398	11,634,606	7,642,253	9
2,174,940	192,099	279,287	1,437,386	266,168	----------	----------	2,337,461	2,235,401	49,922	39,775	12,363	6,251,449	3,913,988	10
1,007,094	111,793	171,386	457,143	266,772	----------	----------	1,558,090	1,529,692	12,312	15,886	200	3,095,663	1,537,573	11
157,412	7,000	26,526	119,386	4,000	----------	500	194,343	186,214	4,364	3,765	----------	478,536	284,193	12
1,125,104	34,145	153,455	460,447	452,592	----------	24,465	5,251,872	5,165,174	56,455	30,243	----------	8,918,750	3,666,878	13
195,955	38,160	19,942	113,199	24,654	----------	----------	305,437	297,917	2,062	5,301	157	779,836	474,399	14
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	15
2,860,782	----------	635,472	2,135,263	24,390	35,636	30,021	14,006,708	13,090,197	713,958	202,553	----------	18,578,112	4,571,404	16
10,622,621	1,165,919	1,905,341	5,102,317	2,374,794	28,479	45,771	42,836,804	42,168,792	365,217	284,704	18,091	71,229,972	28,393,168	17
6,434,989	258,322	809,999	5,019,872	341,418	2,378	3,000	14,650,329	13,257,885	1,306,236	86,208	----------	29,001,836	14,351,507	18
1,346,487	100,742	153,310	913,387	173,321	5,727	----------	3,496,700	3,375,160	12,388	38,378	70,774	5,833,900	2,337,200	19
9,595,521	1,124,460	1,070,435	6,220,837	1,087,730	78,789	13,270	22,044,799	21,670,988	130,979	210,692	32,140	39,316,737	17,271,938	20
3,953,877	449,906	363,702	2,889,770	231,364	8,060	11,075	5,464,286	5,275,990	53,731	104,987	29,578	12,135,361	6,671,075	21
636,194	174,490	96,540	329,335	35,829	----------	----------	2,119,296	1,998,685	72,455	46,309	1,847	3,400,188	1,280,892	22
1,355,252	133,736	128,437	619,019	474,060	----------	----------	1,039,720	949,524	14,325	19,497	56,374	3,089,662	2,049,942	23
2,247,444	662,971	195,117	791,185	596,015	----------	2,156	6,460,236	6,404,771	18,477	36,988	----------	16,119,207	9,658,971	24
7,976,630	481,677	1,975,796	4,391,536	1,126,171	1,181	269	5,361,368	4,475,757	99,586	113,909	672,116	19,018,089	13,656,721	25
6,790,987	1,671,123	3,146,255	82,375	1,891,234	----------	----------	10,676,585	3,102,324	2,322	16,763	7,555,176	26,873,972	16,197,387	26
11,419,246	27,883	2,424,619	7,687,830	133,786	1,145,128	----------	85,815,506	83,415,981	1,520,920	637,847	240,758	122,933,528	37,118,022	27
6,145,809	552,346	609,915	4,112,256	866,342	4,950	----------	1,210,639	946,732	24,356	88,603	150,948	9,567,432	8,356,793	28
3,617,809	275,440	536,650	1,983,796	821,923	----------	----------	5,156,625	4,951,733	24,152	55,343	125,397	11,140,834	5,984,209	29
480,368	53,784	82,215	337,989	6,380	----------	----------	386,855	366,777	13,525	6,553	----------	1,003,732	616,877	30
2,336,604	74,200	219,654	1,898,733	144,017	----------	----------	2,701,527	2,609,956	61,333	30,238	----------	6,468,808	3,767,281	31
1,144,401	134,192	71,030	644,216	277,338	13,853	3,772	3,194,945	3,136,570	31,535	26,800	40	5,287,729	2,092,784	32
5,667,613	535,131	494,736	4,070,045	543,742	1,195	22,764	9,525,731	9,241,394	68,588	201,773	13,976	18,279,689	8,753,958	33
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	34
650,553	61,480	76,720	476,277	36,076	----------	----------	411,331	319,382	71,818	20,131	----------	1,294,826	883,495	35
532,864	18,400	77,647	406,271	29,424	1,090	32	4,526,307	4,483,041	16,463	26,803	----------	5,483,764	957,457	36
2,855,309	313,439	483,878	1,873,364	175,974	7,654	1,000	5,579,974	5,282,465	70,676	97,263	129,570	10,159,346	4,579,372	37
3,093,893	382,416	322,937	1,356,091	1,014,053	----------	18,396	23,378,266	23,075,405	86,459	212,925	3,477	33,082,962	9,704,696	38
709,379	89,596	131,799	422,790	59,448	1,960	3,786	3,039,072	2,983,604	32,329	18,318	4,821	4,503,703	1,464,631	39
4,041,588	107,530	529,136	3,326,363	31,870	41,350	5,339	19,768,334	17,741,749	1,281,315	174,530	570,740	26,358,656	6,590,322	40
1,625,409	156,365	430,311	725,142	303,085	7,751	2,755	6,212,397	6,060,490	22,573	129,286	48	11,546,255	5,333,858	41
4,900,224	277,283	775,498	3,248,930	555,365	27,816	15,332	3,687,809	3,477,880	60,492	95,677	53,760	13,003,317	9,315,508	42
82,710	6,600	16,590	59,010	510	----------	----------	443,690	436,705	240	6,745	----------	688,379	244,689	43
1,534,964	202,411	245,490	950,626	127,569	8,868	----------	1,299,524	1,251,201	14,241	28,962	5,120	3,874,096	2,574,572	44
475,725	114,411	37,907	297,795	25,339	----------	273	791,098	767,282	8,434	15,382	----------	1,562,432	771,334	45
4,917,292	343,308	749,821	2,912,815	788,033	58,484	64,831	6,244,380	6,066,183	58,204	100,933	19,060	15,677,131	9,432,751	46
14,653,391	688,415	2,415,823	10,103,532	1,344,706	57,530	43,385	46,947,152	46,650,043	78,949	208,594	9,566	74,684,751	27,737,599	47
175,741	16,737	25,829	127,318	4,500	----------	1,357	115,375	110,772	56	2,547	2,000	360,312	244,937	48
24,285	5,460	----------	16,815	2,010	----------	----------	45,788	44,350	504	934	----------	103,112	57,324	49
1,553,511	151,149	216,967	925,379	233,318	8,532	18,166	3,478,177	3,387,848	32,949	49,418	7,962	6,386,280	2,908,103	50
169,987	13,320	1,360	128,854	25,413	----------	1,040	405,037	388,000	----------	4,065	12,972	707,922	302,885	51
3,853,510	79,302	442,531	2,854,659	386,445	84,869	5,704	17,036,856	16,567,735	368,089	101,032	----------	31,475,265	14,438,409	52
3,180,947	239,780	377,633	2,409,189	149,145	5,200	----------	4,595,123	4,312,853	88,995	190,491	2,784	9,661,073	5,065,950	53
228,262	27,480	18,165	151,652	30,365	600	----------	480,652	473,819	4,572	2,261	----------	786,704	306,052	54
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	55
841,908	73,789	64,789	481,874	221,456	----------	----------	2,158,806	2,137,485	10,741	10,580	----------	3,265,044	1,106,238	56
3,693,532	371,503	389,573	2,135,897	774,583	15,453	6,523	22,588,937	22,296,838	120,147	163,952	8,000	28,564,770	5,975,833	57
559,720	35,130	55,072	444,929	23,233	----------	1,356	542,057	467,987	24,414	6,637	43,019	1,535,559	993,502	58
246,446	42,705	37,912	154,916	8,721	----------	2,192	199,416	180,860	5,428	10,195	2,933	606,641	407,225	59
911,375	138,126	99,732	551,602	121,031	----------	884	939,040	872,067	22,351	20,173	24,449	2,626,775	1,687,735	60
6,206,262	593,041	764,503	4,185,397	616,405	39,208	7,708	6,168,162	5,725,892	89,225	196,329	156,716	16,470,005	10,301,843	61
2,372,842	309,176	400,465	1,406,295	196,833	44,849	15,224	23,352,956	22,914,280	309,211	116,009	13,456	28,362,453	5,009,497	62
2,420,198	80,188	417,734	1,499,334	327,491	95,451	----------	1,812,821	1,729,782	51,718	25,925	5,396	6,665,027	4,852,206	63
4,001,719	576,549	385,927	2,580,863	443,517	4,925	9,938	7,865,093	7,549,673	46,241	87,470	181,709	15,738,824	7,873,731	64
410,052	36,345	40,439	327,800	1,560	3,908	----------	288,283	270,786	3,602	13,395	500	871,511	583,228	65
4,988,669	796,608	672,997	2,945,547	555,973	17,544	----------	5,519,036	4,856,250	52,818	106,151	503,817	13,785,980	8,266,944	66
328,721	22,401	23,862	209,165	69,333	2,860	1,100	230,313	218,867	1,693	9,424	329	751,092	520,779	67
79,285	15,735	9,107	51,267	3,176	----------	----------	138,225	137,112	35	1,078	----------	297,406	159,181	68
4,118,696	200,546	833,466	2,052,276	781,318	235,620	15,470	17,610,270	17,318,453	227,315	64,502	----------	25,305,567	7,695,297	69
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	70

TABLE 8.—GENERAL STATISTICS FOR THE

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
1	9	Soybean oil, cake, and meal	14	4	597	2	127	392	41	35	-
2	1	Special dairy products	6	1	621	2	57	559	3	-	-
3	17	Special industry machinery, not elsewhere classified	10	5	187	16	18	129	19	-	5
4	20	Sporting and athletic goods not elsewhere classified	42	23	2,284	45	178	1,922	82	57	-
5	14	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	4		439	8	23	333	75		-
6	14	Stamped and pressed metal products (except automobile stampings)	90	37	4,385	114	338	3,784	326	18	5
7	13	Statuary and art goods (except stone and concrete)—factory production	19	32	189	8	18	157	6	-	-
8	14	Steam and hot-water heating apparatus (including hot-water furnaces)	6	2	1,138	5	83	1,004	46	-	-
9	13	Steam and other packing, pipe and boiler covering	16	5	1,640	25	127	1,186	284	18	-
10	14	Steam fittings, regardless of material	30	7	11,054	46	1,869	8,813	321	5	-
11	14	Steel barrels, kegs, and drums	6	-	1,534	10	99	1,307	118	-	
12	14	Steel castings	15	-	6,282	24	721	5,401	69	50	17
13	14	Steel works and rollings mills	22		29,366	27	3,019	25,079	420	742	79
14	17	Stokers, mechanical, domestic and industrial	10		1,124	13	97	814	199		1
15	14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	48	12	6,397	81	520	5,403	388	2	3
16	12	Suitcases, brief cases, bags, trunks, and other luggage	45	33	1,414	61	62	1,152	139		-
17	20	Surgical and medical instruments	9	2	282	18	21	143	100		-
18	20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	33	14	2,575	33	432	1,746	328	36	
19	4	Suspenders, garters, and other goods made from purchased elastic material	6	1	795	3	106	679	7	-	-
20	13	Tableware, pressed or blown glass, and glassware not elsewhere classified	3		476	6	28	412	28	2	-
21	9	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	4	-	32	6	2	18	6		-
22	4	Textile bags (not made in textile mills)	16	7	607	19	37	523	28		-
23	17	Textile machinery	3	-	557	4	82	432	31	8	-
24	14	Tin cans and other tinware not elsewhere classified	35	2	8,740	29	1,174	7,412	89	30	6
25	14	Tools (except edge tools, machine tools, files, and saws)	56	25	2,315	66	241	1,858	149	1	-
26	17	Tractors	6		19,647		2,855	15,576	1,148	68	-
27	4	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories	16	11	261	11	5	232	13	-	-
28	4	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	13	10	355	9	36	300	9	-	1
29	4	Trousers (semi-dress), wash suits, and washable service apparel	18	16	1,058	18	36	985	18	-	1
30	20	Umbrellas, parasols, and canes	3	4	34		2	29	3	-	-
31	6	Upholstered household furniture	47	20	3,654	50	245	3,218	139	-	2
32	17	Vending, amusement, and other coin-operated machines	24	3	4,184	50	424	3,379	321	8	2
33	6	Venetian blinds	24	22	583	12	43	424	103	-	1
34	1	Vinegar and cider	7	2	101	4	14	79	4	-	-
35	13	Vitreous-china plumbing fixtures	3		623	8	39	570	6		-
36	14	Vitreous enameled products, including kitchen, household, and hospital utensils	6	1	1,682	14	150	1,426	80	12	-
37	13	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	14	2	701	20	67	571	41	5	-
38	7	Wallpaper	13	3	1,675	15	124	1,472	57	7	
39	6	Window and door screens and weather strip	27	11	423	29	59	278	55	1	1
40	6	Window shades	36	24	1,021	18	48	908	47	-	-
41	14	Wire drawn from purchased rods	11		3,042	13	301	2,674	44	10	-
42	14	Wirework not elsewhere classified	81	57	4,919	81	309	4,178	230	31	-
43	16	Wiring devices and supplies	23	8	2,494	30	186	2,156	120	2	-
44	4	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors	12	16	485	6	20	417	36	-	6
45	4	Women's and misses' clothing not elsewhere classified—made in inside factories or by jobbers engaging contractors	9	3	300	12	12	240	36	-	-
46	4	Women's and misses' dresses (except house dresses)—made in contract factories	32	41	783	1	5	776	1	-	-
47	4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	105	78	7,600	110	281	6,659	516	7	27
48	4	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics	5	2	142	6	2	130	4	-	-
49	4	Women's, children's, and infants' underwear and nightwear of knitted fabrics	10	7	874	4	17	793	55	4	1
50	4	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	11	6	630	9	25	585	11	-	-
51	4	Women's neckwear, scarfs, etc	3	5	83		1	74	8	-	-
52	12	Women's pocketbooks, handbags, and purses	6	3	338	11	3	303	21	-	-
53	6	Wooden boxes (except cigar boxes)	32	19	1,551	17	105	1,399	28	-	2
54	6	Wood preserving	12	-	926	2	61	845	12	6	-
55	6	Wood products not elsewhere classified	59	38	1,179	56	91	994	37	1	-
56	17	Woodworking machinery	13	2	627	27	102	466	28	-	4
57	3	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	7	1	1,132	17	61	1,037	13	4	-
58	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	44	29	3,293	42	142	2,925	180	1	3
59	4	Work gloves and mittens: cloth, cloth and leather combined	8	2	1,640	6	46	1,565	13	-	-
60	14	Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills	3	2	553	7	28	457	58	3	-
61	16	X-ray and therapeutic apparatus and electronic tubes	17	10	1,240	22	246	871	101	-	-

See footnotes at end of table.

STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
980,770	37,125	251,010	559,823	116,056	16,756	----------	11,681,068	11,303,759	122,822	247,092	7,395	15,305,742	3,624,674	1
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	2
342,569	72,754	39,556	187,139	38,553	----------	4,567	273,309	252,363	5,172	11,078	4,696	805,709	532,400	3
3,085,202	266,728	308,453	2,268,932	191,772	49,317	----------	5,106,663	4,975,539	43,312	67,384	20,428	10,771,134	5,664,471	4
583,592	58,138	39,427	394,851	91,176	----------	----------	1,286,991	1,227,322	40,699	18,970	----------	2,834,394	1,547,403	5
6,073,112	740,264	674,855	3,876,305	746,978	29,141	5,569	9,545,518	9,239,140	89,934	178,098	38,346	21,134,287	11,588,769	6
254,619	18,885	42,056	183,119	10,559	----------	----------	181,140	162,397	7,336	6,210	5,197	554,741	373,601	7
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	8
2,302,025	238,581	260,181	1,291,380	481,952	29,931	----------	3,298,546	3,218,085	39,966	40,495	----------	7,019,474	3,720,928	9
17,802,183	432,430	3,528,926	13,066,823	766,408	7,596	----------	14,673,863	13,665,092	574,856	357,778	76,137	44,110,708	29,436,845	10
1,922,640	137,101	167,410	1,356,918	261,211	----------	----------	4,931,745	4,808,786	20,310	76,549	26,100	8,230,641	3,298,896	11
9,544,722	180,639	1,370,338	7,746,538	178,087	51,804	17,316	6,165,897	4,968,991	605,052	562,311	29,543	25,015,128	18,849,231	12
51,417,471	450,352	7,865,447	40,843,465	983,354	1,178,239	96,614	128,695,745	117,200,052	8,892,836	2,524,149	78,708	207,301,815	78,606,070	13
1,670,408	59,180	172,995	1,121,690	316,476	----------	67	2,743,945	2,677,893	38,914	26,632	506	5,535,617	2,791,672	14
8,899,723	469,326	1,071,939	6,451,849	901,988	2,337	2,284	13,222,544	12,315,873	327,435	171,239	407,997	28,436,015	15,213,471	15
1,765,523	256,948	101,510	1,177,259	229,806	----------	----------	3,026,243	2,978,120	9,281	22,877	15,965	5,508,811	2,482,568	16
453,412	109,406	31,730	162,049	150,227	----------	----------	173,043	162,976	2,190	7,877	----------	651,458	478,415	17
3,398,252	183,568	731,426	1,720,186	725,797	37,275	----------	7,720,026	7,577,581	59,961	81,479	1,005	15,913,149	8,193,123	18
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	19
652,360	53,825	33,570	522,439	37,145	5,381	----------	516,677	372,783	122,284	21,610	----------	1,428,545	911,868	20
56,827	13,670	2,662	25,186	15,309	----------	----------	165,087	161,253	360	2,188	1,286	384,901	219,814	21
692,943	137,082	61,578	441,396	52,887	----------	----------	3,628,380	3,608,608	4,798	14,063	911	4,819,319	1,190,939	22
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	23
11,589,513	204,160	2,479,872	8,618,487	223,678	56,477	6,839	53,728,911	53,055,779	330,649	342,483	----------	84,375,724	30,646,813	24
3,317,671	458,513	455,084	2,115,620	286,465	1,989	----------	4,004,849	3,760,275	73,338	112,063	59,173	10,435,878	6,431,029	25
33,828,727	----------	5,470,579	25,604,688	2,648,789	104,671	----------	69,605,061	67,856,592	797,891	899,737	50,841	121,550,621	51,945,560	26
307,258	73,010	10,834	215,094	8,320	----------	----------	47,137	37,671	2,502	6,964	----------	499,781	452,644	27
404,248	95,769	69,662	225,811	12,587	----------	419	1,465,903	1,460,575	370	4,958	----------	2,248,922	783,019	28
867,489	50,607	72,054	715,786	28,179	----------	863	2,057,652	2,021,174	4,488	11,832	20,158	3,701,750	1,644,098	29
14,522	----------	1,300	10,758	2,464	----------	----------	62,330	61,754	50	526	----------	91,947	29,617	30
5,122,618	187,614	402,391	4,106,953	424,715	----------	945	7,147,725	6,992,932	79,060	36,307	39,426	15,222,173	8,074,448	31
6,480,771	712,028	848,062	4,167,936	737,467	13,767	1,511	9,517,790	9,329,271	40,742	86,693	61,084	20,146,463	10,628,673	32
642,668	57,672	56,724	406,470	120,459	----------	1,343	1,252,196	1,230,955	7,049	13,130	1,062	2,331,537	1,079,341	33
151,049	27,755	32,984	79,646	10,664	----------	----------	416,801	401,376	3,182	12,243	----------	780,686	363,885	34
797,734	64,204	69,298	646,446	7,786	10,000	----------	894,157	721,536	136,756	35,865	----------	2,308,918	1,414,761	35
2,359,409	166,969	250,130	1,694,989	228,268	19,053	----------	3,905,916	3,630,791	127,803	86,432	60,890	7,916,406	4,010,490	36
1,052,791	125,641	91,431	713,547	112,183	9,989	----------	1,842,251	1,745,106	37,653	59,492	----------	3,914,810	2,072,559	37
2,457,364	129,866	284,421	1,825,884	203,069	14,124	----------	4,600,773	4,446,482	75,440	61,234	17,617	9,153,072	4,552,299	38
615,014	113,760	83,101	302,498	111,855	2,000	1,800	1,309,003	1,284,008	8,023	10,837	6,135	2,409,906	1,100,903	39
1,310,714	74,825	104,801	1,048,089	82,999	----------	----------	4,791,038	4,673,810	102,452	14,578	198	9,040,163	4,249,125	40
3,955,725	167,660	627,860	3,014,638	130,567	15,000	----------	14,996,335	14,468,614	164,423	251,298	112,000	23,935,451	8,939,116	41
6,292,413	568,717	741,583	4,372,720	554,015	55,378	----------	10,922,427	10,491,073	133,144	198,307	99,903	21,874,468	10,952,041	42
3,571,725	235,333	458,396	2,660,122	214,104	3,770	----------	6,620,817	6,438,961	63,491	101,273	17,092	15,628,582	9,007,765	43
383,729	12,210	31,213	285,197	49,557	----------	5,552	546,385	537,979	66	6,699	1,641	1,167,817	621,432	44
265,869	42,179	12,367	178,882	32,441	----------	----------	467,112	458,865	641	5,139	2,467	862,309	395,197	45
648,562	3,990	4,366	639,469	737	----------	----------	70,818	60,026	1,191	9,601	----------	963,476	892,658	46
8,525,681	633,912	623,442	6,059,685	1,169,443	11,158	28,041	13,531,544	12,448,868	9,711	93,163	979,802	26,880,499	13,348,955	47
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	----------	(5)	----------	(5)	(5)	48
863,643	53,962	31,568	594,601	176,660	6,630	222	2,198,861	2,189,071	1,126	8,664	----------	3,774,215	1,575,354	49
532,203	75,010	47,985	400,086	9,122	----------	----------	1,291,140	1,269,512	240	8,242	13,146	2,052,642	761,502	50
64,501	----------	1,300	53,288	9,913	----------	----------	227,871	203,044	125	753	23,949	346,295	118,424	51
339,633	28,289	4,570	274,906	31,868	----------	----------	488,700	482,581	----------	6,119	----------	1,010,648	521,948	52
1,502,950	56,165	148,821	1,252,827	42,663	----------	2,474	2,463,737	2,361,207	12,857	72,305	17,368	5,039,881	2,576,144	53
942,149	9,920	105,340	800,138	18,269	8,482	----------	5,257,084	5,136,192	96,822	24,070	----------	6,818,621	1,561,537	54
1,308,655	191,826	129,438	930,640	56,075	676	----------	1,525,834	1,454,142	11,901	49,376	10,415	3,779,933	2,254,099	55
1,113,470	133,143	189,210	727,037	60,489	----------	3,591	1,115,804	1,063,546	13,811	25,903	12,544	3,650,053	2,534,249	56
1,176,196	117,264	137,846	872,528	42,166	6,392	----------	2,944,393	2,848,918	71,082	24,393	----------	4,609,411	1,665,018	57
2,800,998	212,869	217,786	2,074,832	293,863	300	1,348	6,182,998	6,098,249	13,429	43,428	27,892	10,209,146	4,026,148	58
1,115,112	27,686	63,896	1,014,989	8,541	----------	----------	2,176,367	2,153,037	5,101	18,229	----------	4,080,537	1,904,170	59
1,029,165	54,680	71,214	773,800	123,244	6,227	----------	1,734,583	1,660,832	24,407	35,439	13,905	3,560,904	1,826,321	60
1,990,881	154,557	494,751	1,184,149	157,424	----------	----------	1,919,390	1,847,339	13,252	40,921	17,878	9,059,044	7,139,654	61

TABLE 8.—GENERAL STATISTICS FOR THE

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
1		Other industries [6]	315	83	64,818	417	9,355	50,697	3,551	619	179
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]									
2	1	Food and kindred products	36	7	7,551	34	798	6,151	458	77	33
3	3	Textile mill products and other fiber manufactures	30	5	4,340	35	374	3,715	202	5	9
4	4	Apparel and other finished products made from fabrics and similar materials	37	15	3,516	38	201	3,191	84	...	2
5	9	Chemicals and allied products	25	13	3,166	24	420	2,384	312	26	...
6	11	Rubber products	3		1,610	13	137	1,301	111	30	18
7	13	Stone, clay, and glass products	35	4	8,954	45	1,049	7,641	126	93	...
8	14	Iron and steel and their products, except machinery	9	2	1,549	6	135	1,358	50	...	...
9	15	Nonferrous metals and their products	12	7	1,090	9	80	847	148	1	5
10	17	Machinery (except electrical)	22	3	5,344	40	807	4,002	464	24	7
11	20	Miscellaneous industries	27	7	2,327	28	233	1,691	370	5	...
12	6	Furniture and finished lumber products	5	2	105	4	11	76	13	1	...
	7	Paper and allied products	8	5	625	5	73	528	18	1	...
	16	Electrical machinery	47	10	20,747	116	4,552	14,645	1,010	319	105
	19	Transportation equipment except automobiles	8	...	3,099	12	397	2,504	183	3	...
	2	Tobacco manufactures	6								
	5	Lumber and timber basic products	2	3	795	8	88	663	2	34	...
	12	Leather and leather products	3								

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.
[2] Figures do not include data for personnel of central-administrative offices.
[3] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

TABLE 9.—GENERAL STATISTICS FOR INDUSTRIAL

This table presents, for the industrial areas, separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for for which combined figures are given, however, reported larger numbers of

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED BY MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
			CHICAGO INDUSTRIAL AREA								
1		All industries, total	9,921	5,608	616,914	9,827	66,519	483,593	51,061	4,464	1,450
2	13	Abrasive wheels, stones, paper, cloth, and related products	17	5	594	19	43	465	65	2	...
3	17	Agricultural machinery (except tractors)	13	...	5,532	25	740	4,582	154	12	19
4	19	Aircraft and parts, including aircraft engines	4	...	102	6	18	71	4	3	...
5	15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	15	2	1,556	14	268	1,079	136	50	9
6	15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	10	5	809	13	54	644	96	...	2
7	15	Aluminum ware, kitchen, hospital, and household (except electrical appliances)	4	2	184	2	9	154	15	...	4
8	20	Artists' materials	4	6	22	...	4	15	3	...	...
9	14	Automobile stampings	7	4	677	7	89	561	6	14	...
10	18	Automobile trailers (for attachment to passenger cars) [b]	7	10	204	2	22	164	14	...	2
11	16	Automotive electrical equipment [a]	12	8	571	17	95	389	65	3	2
12	1	Baking powder, yeast, and other leavening compounds	6	...	1,068	9	174	607	264	14	...
13	16	Batteries, storage and primary (dry and wet)	17	1	469	27	48	320	74	...	...
14	3	Batting, padding, and wadding; upholstery filling [a]	10	5	464	14	34	388	28	...	...
15	20	Beauty-shop and barber-shop equipment [a]	14	2	855	20	130	619	86	...	...
16	4	Belts (apparel), regardless of material	18	20	457	20	13	393	31	...	...
17	1	Biscuit, crackers, and pretzels [a]	23	5	4,372	16	237	3,656	413	22	28
18	14	Blast-furnace products	7	...	3,866	...	431	3,110	...	325	...
19	1	Blended and prepared flour made from purchased flour	4	1	116	6	18	44	48	...	...
20	17	Blowers; exhaust and ventilating fans	4	1	274	5	26	205	29	2	7
21	8	Bookbinding and related industries	108	72	4,152	121	329	3,478	205	19	...
22	8	Books: printing without publishing	55	17	4,147	100	390	3,375	282	...	...
23	8	Books: publishing and printing	24	5	632	38	138	339	117	...	...
24	8	Books: publishing without printing [b]	91	20	2,661	139	857	22	1,643	...	...
25	12	Boot and shoe cut stock and findings	15	9	407	16	29	345	17	...	...
26	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	1,169	1,178	14,249	139	623	11,735	1,608	28	116

See footnotes at end of table.

STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
102,512,734	3,225,756	22,187,791	68,636,596	6,985,819	1,240,123	236,649	199,274,645	191,459,664	5,485,665	2,008,981	320,335	460,779,356	261,504,711	1
12,272,124	206,850	1,973,334	9,028,973	917,865	104,321	40,781	81,458,509	79,455,751	1,783,289	219,469	----	140,281,950	58,823,441	2
5,332,646	380,681	781,905	3,821,961	332,143	3,683	12,273	12,583,533	12,271,981	132,932	137,021	41,599	25,264,553	12,681,020	3
2,770,362	218,282	311,211	2,149,958	88,936	----	1,975	5,693,166	5,602,652	8,328	36,483	45,703	11,017,411	5,324,245	4
4,686,915	312,889	827,512	2,698,635	802,244	34,860	10,775	8,647,796	8,332,352	200,088	113,360	1,996	19,871,544	11,223,748	5
2,066,433	133,392	216,627	1,465,182	191,759	43,262	16,211	3,427,936	3,237,786	41,544	148,606	----	6,301,133	2,873,197	6
12,680,163	277,085	2,082,879	9,925,306	252,796	138,149	3,948	18,517,071	15,482,547	2,358,607	673,814	2,103	47,926,817	29,409,746	7
2,092,015	46,997	289,469	1,672,703	82,846	----	----	7,650,225	7,426,202	113,305	110,318	400	13,236,932	5,586,707	8
1,418,251	93,528	82,235	995,289	237,773	1,044	8,382	3,716,067	3,628,350	42,985	34,450	10,282	6,049,936	2,333,869	9
8,707,386	273,305	1,780,357	5,707,477	894,727	43,340	8,180	9,882,385	9,547,464	190,921	138,664	5,336	30,120,054	20,237,669	10
3,670,267	178,981	525,533	2,281,123	677,325	7,305	----	4,514,529	4,387,894	46,551	62,933	17,151	11,697,257	7,182,728	11
46,816,172	1,103,766	13,316,729	28,889,989	2,507,405	864,159	134,124	43,183,428	42,086,685	567,115	333,863	195,765	149,011,769	105,828,341	12

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[6] For numbers of establishments and of wage earners in individual industries, see table 12.

AREAS, BY INDUSTRIES: 1939

individual establishments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries wage earners or larger values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
CHICAGO INDUSTRIAL AREA														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
953,275,380	62,057,457	143,612,165	640,533,131	97,838,090	7,405,578	1,828,959	2,367,826,185	2,216,493,646	87,203,416	26,320,033	37,809,090	4,277,815,582	1,909,989,397	1
895,336	166,523	84,576	482,741	157,196	4,300	----	1,544,067	1,509,985	18,472	15,610	----	3,501,449	1,957,382	2
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	3
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	4
2,754,804	122,269	641,856	1,578,443	314,078	83,939	14,219	17,996,291	17,641,908	163,229	191,154	----	23,669,215	5,672,924	5
1,465,787	136,533	123,127	1,003,975	199,142	----	3,010	1,690,294	1,611,199	44,336	34,759	----	3,923,237	2,232,943	6
(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	7
28,468	----	4,415	19,896	4,157	----	----	29,809	27,653	454	663	1,039	111,815	82,006	8
917,708	43,920	162,711	644,364	22,831	43,882	----	1,180,880	1,106,755	30,293	43,832	----	2,572,435	1,391,555	9
229,501	3,600	30,597	156,903	36,841	----	1,560	816,292	800,473	2,090	5,066	8,663	1,262,068	445,776	10
816,397	88,486	154,131	456,556	110,495	4,649	2,080	1,608,116	1,518,324	23,248	44,469	22,075	3,097,411	1,489,295	11
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	12
706,424	92,460	77,218	437,256	99,490	----	----	2,773,897	2,682,879	22,479	68,539	----	4,216,925	1,443,028	13
548,558	58,454	61,008	379,683	49,413	----	----	1,435,274	1,385,124	11,925	38,225	----	2,495,173	1,059,899	14
973,271	136,256	177,568	506,662	152,785	----	----	1,668,871	1,638,523	3,909	19,738	6,701	3,263,047	1,594,176	15
467,401	71,600	20,409	330,609	44,783	----	----	806,506	798,600	598	5,787	1,521	1,528,954	722,448	16
5,221,894	120,263	458,517	3,646,770	922,932	34,807	38,605	11,453,852	11,193,452	184,097	76,303	----	27,568,398	16,114,546	17
6,406,205	----	1,168,465	4,884,204	----	353,536	----	86,788,876	52,095,292	34,450,507	243,077	----	98,642,347	11,853,471	18
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	19
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	20
5,595,608	610,780	601,655	3,967,215	380,096	35,862	----	4,510,749	4,166,613	43,152	101,158	199,826	14,156,976	9,646,227	21
7,520,093	681,499	967,854	5,287,662	583,078	----	----	5,311,643	4,598,335	75,873	155,922	481,513	15,607,904	10,296,261	22
1,175,839	209,180	243,546	546,141	176,972	----	----	1,267,650	985,909	6,676	24,977	250,088	3,682,272	2,414,622	23
4,502,915	950,795	1,338,653	22,636	2,190,831	----	----	7,655,786	1,661,364	3,194	16,379	5,974,849	21,596,591	13,940,805	24
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	25
20,670,241	597,061	1,292,833	17,169,234	1,460,663	47,255	103,195	34,819,893	33,090,361	1,057,891	671,641	----	73,086,206	38,266,313	26

TABLE 9.—GENERAL STATISTICS FOR INDUSTRIAL

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
		CHICAGO INDUSTRIAL AREA—Continued									
1	13	Brick and hollow structural tile	14	4	685	6	35	576	68		
2	20	Brooms	12	17	176	2	5	162	7		
3	20	Brushes [a]	21	12	492	21	19	391	61		
4	20	Buttons	11	6	130	12	6	108	4		
5	1	Candy and other confectionery products	105	44	14,076	120	747	11,684	1,422	38	65
6	1	Canned and dried fruits and vegetables (including canned soups)	14		2,716	18	259	2,364	66	6	[illegible]
7	4	Canvas products (except bags)	15	6	336	22	25	240	45	3	1
8	20	Carbon paper and inked ribbons	9	4	489	6	15	174	294		
9	3	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	3		66	5	3	53	5		
10	19	Cars and car equipment—railroad, street, and rapid-transit	21		7,367	5	1,103	6,246	1	10	2
11	17	Cars and trucks, industrial [a]	5		638	9	115	380	134		
12	6	Caskets, coffins, burial cases, and other morticians' goods	36	23	1,829	34	155	1,416	224		
13	1	Cereal preparations	5		674	10	34	577	40	13	
14	1	Cheese	4	3	56	3	4	34	15		
15	9	Chemicals not elsewhere classified	28	1	2,723	24	442	2,130	35	86	6
16	4	Children's dresses—made in inside factories or by jobbers engaging contractors	4	3	148	3	6	136	3		
17	18	China firing and decorating (for the trade)	7	4	298	5	22	244	24	3	
18	1	Chocolate and cocoa products	3		157		14	142	1		
19	2	Cigars	40	45	258	4	8	239	7		
20	9	Cleaning and polishing preparations, blackings, and dressings	69	28	1,227	67	110	719	321	2	8
21	15	Clocks, watches, and materials and parts (except watchcases)	10	2	2,846	10	181	2,324	163	71	97
22	4	Clothing, leather and sheep-lined [a]	8	13	224		8	205	11		
23	3	Cloth sponging and miscellaneous special finishing	8	2	397	7	30	346	14		
24	7	Coated and glazed paper	8		690	20	60	508	102		
25	4	Coats, suits, and skirts (except fur coats)—made in contract factories [a]	15	20	363	3	2	353	1		4
26	4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors [a]	67	42	2,217	82	101	1,878	147		9
27	9	Colors and pigments	6		517	5	78	354	50	8	22
28	16	Communication equipment	38	9	19,684	103	4,453	13,764	950	313	101
29	9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	19		464	5	42	279	138		
30	13	Concrete products	60	37	678	26	46	555	44		7
31	1	Condensed and evaporated milk	8	2	117	1	17	84	15		
32	17	Construction and similar machinery (except mining and oil-field machinery and tools)	15	1	1,694	30	175	1,286	176	22	5
33	1	Cooking and other edible fats and oils, not elsewhere classified	3		376		66	281	29		
34	6	Cooperage	16	4	655	20	43	577	15		
35	4	Corsets and allied garments [b]	19	10	2,217	28	145	1,675	361	1	7
36	20	Costume jewelry and costume novelties (jewelry other than fine jewelry)	9	7	348	11	27	274	36		
37	3	Cotton narrow fabrics	4		401	12	19	333	24	6	7
38	1	Creamery butter	13	6	163	9	30	96	25		3
39	1	Cured fish	5		79	5	5	58	11		
40	4	Curtains, draperies, and bedspreads—contract factories	8	6	238	6	9	223			
41	4	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	27	20	780	19	45	675	39		2
42	14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	8	4	106	10	1	82	13		
43	20	Dental equipment and supplies	17	9	332	13	38	192	86	3	
44	14	Doors, window sash, frames, molding, and trim (made of metal) [a]	20	5	940	36	58	724	121	1	
45	4	Dress and semidress gloves and mittens: cloth, cloth and leather combined	3	1	585	4	29	512	40		
46	9	Drugs and medicines (including drug grinding)	72	20	2,551	97	319	1,211	907	11	6
47	3	Dyeing and finishing cotton, rayon, silk, and linen textiles	6		284	17	15	237	15		
48	16	Electrical appliances [a]	25	1	5,922	44	865	4,519	488	4	2
49	16	Electrical products not elsewhere classified [a]	23	7	715	31	82	557	45		
50	15	Electroplating, plating, and polishing	77	94	1,763	45	93	1,531	81	7	6
51	8	Electrotyping and stereotyping, not done in printing establishments [b]	29	3	1,113	64	94	670	285		
52	17	Elevators, escalators, and conveyors	17	3	1,666	35	194	1,054	364	14	5
53	4	Embroideries, other than Schiffli-machine products—contract factories	16	19	227	12	4	193	17		1
54	4	Embroideries, other than Schiffli-machine products—made in regular factories or by jobbers engaging contractors	4	7	84		6	74	4		
55	4	Embroideries: Schiffli-machine products	8	2	265	11	13	226	14		1
56	14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	28	6	1,186	37	117	870	159	[illegible]	
57	14	Enameling, japanning, and lacquering	16	12	383	15	25	319	23	1	
58	15	Engraving on metal (except for printing purposes)	12	7	322	16	36	245	25		
59	8	Engraving (steel, copperplate, and wood); plate printing [a]	56	29	869	59	72	656	82		
60	7	Envelopes [a]	22	3	1,616	38	102	1,214	246	16	
61	20	Fabricated plastic products, not elsewhere classified	24	13	2,100	34	204	1,742	111	9	
62	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	77	22	3,104	108	396	2,439	156	4	1
63	3	Felt goods, wool, hair, and jute (except woven felts and hat bodies and hats	5		652	2	49	589	12		
64	9	Fertilizers	6		259	1	21	179	58		
65	1	Flavoring extracts and flavoring sirups, not elsewhere classified	44	9	1,031	69	130	459	364	5	4
66	1	Flour and other grain-mill products	8	1	543	9	56	360	113	5	

See footnote at end of table.

AREAS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
CHICAGO INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
884,079	9,834	50,246	725,977	98,022	----	----	370,137	69,493	264,459	36,185	----	1,852,906	1,482,769	1
183,751	9,813	4,898	159,604	9,436	----	----	302,287	294,234	3,379	4,070	604	541,648	239,361	2
605,412	109,283	35,512	360,991	99,626	----	----	1,322,796	1,299,833	5,947	16,291	725	2,444,946	1,122,150	3
115,689	29,162	6,455	73,992	6,080	----	----	91,029	88,855	125	2,049	----	259,324	168,295	4
16,282,216	1,222,840	1,548,723	10,882,939	2,493,281	58,948	75,485	51,131,819	50,223,744	364,273	500,143	43,659	87,469,764	36,337,945	5
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	6
418,736	93,911	38,810	217,824	62,341	4,810	1,040	658,612	647,808	3,367	5,697	1,640	1,272,274	613,662	7
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	8
78,131	22,013	4,049	47,011	5,058	----	----	124,677	116,021	837	1,758	6,061	247,633	122,956	9
11,546,565	12,640	2,504,347	9,006,876	1,800	19,629	1,273	20,823,000	20,335,178	310,067	177,755	----	36,127,215	15,304,215	10
913,128	56,500	194,388	489,637	172,603	----	----	1,283,818	1,240,320	10,473	33,025	----	3,020,825	1,737,007	11
2,963,347	251,465	314,445	1,768,444	615,333	----	13,660	3,411,033	3,300,823	45,149	59,969	5,092	8,030,339	4,619,306	12
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	13
97,699	29,000	4,200	37,058	27,441	----	----	231,063	220,303	4,779	5,981	----	407,921	176,858	14
4,693,464	181,148	1,073,507	3,249,332	65,563	116,151	7,763	13,997,545	13,134,431	665,931	197,063	120	26,406,571	12,409,026	15
114,379	11,800	8,030	90,140	4,409	----	----	194,172	187,391	58	2,081	4,642	338,979	144,807	16
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	17
(5)	----	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	18
212,774	5,960	8,123	194,356	4,335	----	----	264,807	261,960	1,496	1,351	----	624,806	359,999	19
1,808,578	395,362	215,143	673,061	508,193	2,486	14,333	5,348,716	5,275,515	30,533	40,729	1,939	11,817,112	6,468,396	20
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	21
277,362	----	7,109	259,113	11,140	----	----	741,384	737,728	100	3,265	291	1,220,352	478,968	22
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	23
1,205,583	178,465	127,042	670,431	219,569	----	10,076	5,401,923	5,314,017	23,765	60,796	3,345	7,644,280	2,242,357	24
368,663	9,047	2,738	355,415	115	----	1,348	20,765	13,495	2,049	5,221	----	486,613	465,848	25
3,202,117	337,269	178,049	2,360,347	318,970	----	7,482	6,117,359	5,588,997	7,139	35,503	485,720	11,291,573	5,174,214	26
818,758	28,743	198,370	471,028	73,686	16,015	30,916	4,460,683	4,225,097	132,238	103,348	----	6,207,710	1,747,027	27
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	28
808,760	14,750	96,251	440,180	257,579	----	----	967,786	678,492	19,642	269,652	----	4,527,539	3,559,753	29
1,038,809	93,751	94,721	772,502	72,860	----	4,975	1,629,867	1,560,749	32,539	31,787	4,792	4,187,436	2,557,569	30
199,817	15,000	39,594	112,697	32,526	----	----	1,219,780	1,178,509	26,474	14,797	----	1,657,407	437,627	31
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	32
639,368	----	158,793	434,394	46,181	----	----	13,256,461	13,113,641	97,812	45,008	----	18,187,909	4,931,448	33
807,438	98,923	87,932	586,404	34,179	----	----	2,409,333	2,365,947	27,931	15,455	----	3,552,726	1,143,393	34
2,740,387	250,987	212,086	1,534,832	735,285	2,000	5,197	3,376,256	3,348,075	11,742	16,439	----	8,113,474	4,737,218	35
329,252	48,800	38,171	189,457	52,824	----	----	575,976	570,666	2,203	3,107	----	1,183,642	607,666	36
367,233	64,793	29,499	214,131	40,279	8,016	10,515	422,582	405,583	3,630	13,369	----	979,920	557,338	37
279,559	39,380	60,163	134,562	40,980	----	4,474	2,789,096	2,752,527	10,698	25,871	----	3,433,169	644,073	38
105,371	18,700	6,617	65,129	14,925	----	----	611,660	608,229	2,018	1,413	----	793,224	181,564	39
176,825	14,079	11,616	151,130	----	----	----	72,563	67,408	836	4,319	----	308,700	236,137	40
703,054	127,703	83,416	435,637	54,194	----	2,104	2,249,027	2,210,630	174	15,168	23,055	3,272,900	1,023,873	41
159,701	27,203	1,591	119,225	11,682	----	----	122,798	110,380	1,907	5,634	4,877	369,283	246,485	42
439,790	58,387	54,960	177,908	142,400	6,135	----	366,757	351,868	5,641	6,746	2,502	1,017,277	650,520	43
1,498,615	241,377	103,146	930,722	218,870	4,500	----	2,499,062	2,325,268	16,726	38,062	119,006	5,778,158	3,279,096	44
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	45
4,355,953	582,198	581,422	1,304,191	1,865,284	15,327	7,531	6,414,722	6,201,848	70,692	64,926	77,256	23,531,194	17,116,472	46
418,565	123,385	44,381	232,860	17,939	----	----	355,829	298,077	36,293	21,459	----	967,345	611,516	47
9,697,658	363,933	2,089,567	6,313,315	921,677	6,559	2,607	13,755,196	13,298,737	142,226	248,209	66,024	33,899,814	20,144,618	48
1,063,312	230,803	167,710	574,780	90,019	----	----	1,503,478	1,474,537	7,751	20,786	404	3,435,119	1,931,641	49
2,469,385	254,348	200,637	1,862,801	135,921	9,270	6,408	1,319,296	994,104	63,735	197,118	64,339	5,477,969	4,158,673	50
2,687,718	420,866	231,689	1,520,883	514,280	----	----	732,491	614,359	20,119	62,301	35,712	4,833,704	4,101,213	51
3,102,818	204,855	391,431	1,865,301	594,962	39,237	7,032	2,778,454	2,666,142	43,165	44,940	24,207	7,436,185	4,657,731	52
198,897	42,693	4,726	129,772	19,666	----	2,040	62,931	59,414	537	2,980	----	357,138	294,207	53
68,487	----	6,000	59,487	3,000	----	----	70,704	65,598	509	3,257	1,340	186,139	115,435	54
335,525	86,630	20,982	186,279	40,834	----	800	275,684	267,840	3,376	4,468	----	764,955	489,271	55
1,976,990	226,587	192,996	1,186,097	365,970	5,340	----	2,428,871	2,311,913	35,246	49,470	32,242	5,894,804	3,465,933	56
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	57
518,059	114,867	68,413	293,789	40,990	----	----	270,585	244,834	6,597	10,795	8,359	1,068,722	798,137	58
1,336,471	271,877	135,053	823,336	106,205	----	----	1,123,339	1,048,573	5,015	22,029	47,722	3,344,972	2,221,633	59
2,391,533	259,288	242,235	1,393,700	459,130	37,180	----	3,607,054	3,456,118	26,045	67,116	57,775	7,508,836	3,901,782	60
3,002,310	201,968	437,828	2,147,021	203,522	11,971	----	3,339,172	3,152,594	58,194	87,466	40,918	8,124,335	4,785,163	61
5,226,882	461,410	846,842	3,597,849	312,781	7,000	1,000	11,460,726	11,120,334	80,581	165,149	94,662	19,532,844	8,072,118	62
761,070	6,400	92,942	643,308	18,420	----	----	2,291,940	2,201,884	58,366	31,690	----	3,986,524	1,694,584	63
356,674	2,000	44,233	182,060	128,381	----	----	1,817,440	1,775,760	6,093	35,587	----	2,885,882	1,068,442	64
1,945,500	460,664	243,419	431,565	794,210	8,819	6,823	7,611,194	7,553,672	26,284	29,275	1,963	21,188,427	13,577,233	65
797,512	46,231	154,813	505,956	76,288	14,224	----	8,363,911	8,242,823	52,167	68,921	----	11,177,536	2,813,625	66

TABLE 9.—GENERAL STATISTICS FOR INDUSTRIAL

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
		CHICAGO INDUSTRIAL AREA—Continued									
1	1	Food preparations, not elsewhere classified	79	51	2,123	92	196	1,283	546	.....	6
2	17	Food-products machinery	35	10	2,809	63	270	2,095	376	3	2
3	12	Footwear (except rubber)	33	13	5,100	49	338	4,405	303	5	.....
4	14	Forgings, iron and steel—made in plants not operated in connection with rolling mills	24	5	3,229	36	297	2,672	137	48	39
5	4	Fur coats and other fur garments, accessories, and trimmings	94	96	580	61	37	423	59	.....	.....
6	20	Furs, dressed and dyed	3	.....	106	6	6	93	1	.....	.....
7	20	Games and toys (except dolls and children's vehicles)	29	28	2,331	29	169	1,916	216	1	.....
8	8	General commercial (job) printing	725	588	19,622	532	1,847	15,544	1,602	97	.....
9	16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	48	15	3,461	78	424	2,733	205	.....	21
10	9	Glue and gelatin	15	7	746	12	103	544	83	3	1
11	15	Gold and silver leaf and foil	3	4	53	1	2	44	6	.....	.....
12	8	Gravure, rotogravure, and rotary photogravure (including preparation of plates)	5	1	1,395	8	119	1,249	19	.....	.....
13	14	Gray-iron and semisteel castings	52	8	4,337	71	305	3,848	91	14	8
14	9	Grease and tallow (except lubricating greases)	7	1	543	1	34	466	3	39	.....
15	8	Greeting cards (except hand-painted) [a]	14	4	1,107	21	188	797	100	1	.....
16	20	Hair work	5	3	63	6	4	51	2	.....	.....
17	4	Handkerchiefs—made in inside factories or by jobbers engaging contractors	4	1	361	6	15	323	17	.....	.....
18	20	Hand stamps, stencils, and brands [b]	30	15	694	32	69	446	142	5	.....
19	14	Hardware not elsewhere classified	54	11	2,738	99	292	2,030	312	5	.....
20	14	Heating and cooking apparatus, except electric, not elsewhere classified	17	5	248	22	41	155	30	.....	.....
21	3	Hosiery—seamless	3	.....	927	.....	35	884	4	1	3
22	4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	32	26	2,581	17	140	2,304	119	.....	1
23	4	Housefurnishings (except curtains, draperies, and bedspreads)	44	27	1,490	40	74	1,236	134	3	3
24	6	Household furniture, except upholstered	103	32	7,086	180	537	5,738	613	3	15
25	1	Ice cream and ices	61	32	1,385	48	127	616	518	8	68
26	1	Ice, manufactured	83	5	992	28	94	586	250	1	33
27	12	Industrial leather belting and packing leather	9	2	301	6	21	240	34	.....	.....
28	17	Industrial machinery, not elsewhere classified	48	17	2,085	74	296	1,413	278	10	14
29	9	Insecticides, fungicides, and related industrial and household chemical compounds	65	25	1,133	52	152	521	401	.....	7
30	16	Insulated wire and cable [a]	8	.....	587	19	24	502	41	.....	1
31	17	Internal-combustion engines	4	.....	1,183	15	203	751	200	14	.....
32	20	Jewelry cases and instrument cases	11	12	640	8	60	545	27	.....	.....
33	15	Jewelry (precious metals) [a]	48	26	815	58	48	584	124	.....	1
34	3	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	14	5	580	22	29	490	38	1	.....
35	6	Laboratory, hospital, and other professional furniture [a]	11	2	405	20	38	298	47	2	.....
36	20	Lamp shades	18	21	895	6	35	821	31	2	.....
37	15	Lapidary work	6	4	19	5		12	2	.....	.....
38	17	Laundry equipment, domestic	4	.....	849	8	65	741	24	.....	11
39	12	Leather gloves and mittens	12	8	502	12	17	452	19	.....	2
40	12	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	20	3	3,639	39	263	3,291	41	5	.....
41	15	Lighting fixtures	94	46	4,829	120	388	3,620	672	5	24
42	13	Lime	3	.....	157	1	11	144	1	.....	.....
43	1	Liquors, rectified or blended	18	3	144	8	31	83	22	.....	.....
44	8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	82	20	6,116	153	660	4,531	734	16	22
45	9	Lubricating oils and greases—not made in petroleum refineries	12	2	215	15	32	94	73	1	.....
46	1	Macaroni, spaghetti, vermicelli, and noodles [a]	30	26	1,092	37	76	856	116	2	5
47	8	Machine and hand typesetting (including advertisement typesetting)	68	47	1,189	60	122	931	76	.....	.....
48	17	Machine-shop products, not elsewhere classified	175	76	7,286	192	1,042	5,521	459	38	34
49	17	Machine-shop repairs	38	25	394	24	36	327	5	.....	2
50	17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	80	58	2,993	79	245	2,476	168	16	9
51	17	Machine tools	7	1	372	16	32	291	32	1	.....
52	14	Malleable-iron castings	4	.....	1,579	11	79	1,478	11	.....	
53	1	Malt liquors	31	.....	2,532	68	177	1,315	913	36	23
54	6	Matches	4	2	192	3	24	160	3	.....	2
55	6	Mattresses and bedsprings	42	30	2,582	39	203	2,190	149	.....	1
56	1	Meat packing, wholesale	52	11	25,681	102	2,579	19,281	3,526	178	15
57	17	Mechanical power-transmission equipment [b]	27	5	2,087	51	216	1,691	118	6	5
58	4	Men's and boys' hats and caps (except felt and straw)	24	29	596	10	28	528	22	3	5
59	4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	10	4	554	10	36	492	15	.....	1
60	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	107	139	1,980	23	39	1,885	31	.....	2
61	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	96	42	11,745	112	607	10,582	427	2	15
62	4	Men's neckwear—made in inside factories or by jobbers engaging contractors [a]	28	23	705	15	33	606	51	.....	.....
63	17	Metalworking machinery and equipment, not elsewhere classified	25	5	2,389	38	428	1,775	133	1	4
64	4	Millinery	76	42	3,341	91	175	2,914	160	.....	1
65	13	Minerals and earths, ground or otherwise treated	6	.....	269	8	13	213	35	.....	.....

See footnotes at end of table.

AREAS, BY INDUSTRIES: 1939—Continued

Salaries and wages: Total [2]	Salaries of officers of corporations [2]	Manufacturing: Salaries [2]	Manufacturing: Wages	Distribution	Construction	Other	Cost of materials, supplies, fuel, purchased electric energy, and contract work: Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
CHICAGO INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
3,220,188	553,101	391,042	1,221,266	1,039,911	----------	14,868	13,081,682	12,886,659	109,976	85,047	----------	22,164,379	9,082,697	1
4,603,679	364,918	587,558	3,065,731	577,516	4,160	3,796	5,519,159	5,354,406	49,577	77,840	37,336	14,334,429	8,815,270	2
5,760,573	228,637	590,840	4,320,342	614,312	6,442	----------	8,136,164	8,030,376	28,575	73,886	3,327	18,543,007	10,406,843	3
6,046,492	264,560	755,734	4,703,811	196,654	80,349	45,384	11,916,628	10,865,236	743,644	281,265	26,483	23,188,115	11,271,487	4
1,060,480	229,925	76,416	656,864	97,275	----------	----------	2,640,802	2,546,503	1,606	25,816	66,877	4,492,731	1,851,929	5
148,004	38,588	9,616	97,883	1,917	----------	----------	228,228	211,222	11,050	5,956	----------	484,272	256,044	6
2,389,531	300,035	252,489	1,439,567	394,220	3,220	----------	2,378,574	2,303,718	18,267	53,665	2,924	6,347,333	3,968,759	7
34,459,630	2,887,900	4,045,252	24,276,030	3,023,319	227,129	----------	31,636,500	25,241,833	276,783	793,688	5,324,196	86,205,805	54,569,305	8
4,788,243	451,838	865,292	3,039,942	409,830	----------	21,341	6,023,321	5,850,769	45,784	97,481	29,287	14,864,477	8,841,156	9
1,250,730	108,945	183,486	724,787	226,832	6,600	80	3,792,654	3,375,641	400,403	16,610	----------	6,590,345	2,797,691	10
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	11
3,009,877	85,160	311,013	2,538,880	74,824	----------	----------	3,077,748	2,422,821	42,000	92,998	519,929	8,323,669	5,245,921	12
6,146,001	385,505	629,438	4,887,028	234,104	9,724	202	6,936,107	6,184,603	519,980	223,633	7,891	16,688,904	9,752,797	13
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	14
1,450,505	272,313	234,290	790,580	152,112	1,210	----------	1,638,513	1,083,206	2,903	16,399	536,005	5,342,257	3,703,744	15
108,442	57,200	6,891	40,926	3,425	----------	----------	398,342	394,988	1,469	242	1,643	542,300	143,958	16
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	----------	(5)	(5)	(5)	(5)	17
966,169	161,258	113,997	500,841	181,561	8,512	----------	597,568	560,647	13,741	15,384	7,796	1,990,159	1,392,591	18
4,417,220	659,022	623,654	2,411,951	714,907	7,686	----------	5,923,479	5,674,143	58,273	85,813	105,250	14,326,209	8,402,730	19
402,706	76,925	57,450	228,638	39,693	----------	----------	511,605	497,446	3,724	9,369	1,066	1,128,069	616,464	20
(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	21
1,876,746	95,313	221,696	1,371,325	187,580	----------	832	4,483,056	3,997,742	2,114	34,169	449,031	7,709,599	3,226,543	22
1,388,302	240,003	115,584	846,711	178,286	5,116	2,602	7,120,873	6,889,753	12,892	33,330	184,898	10,213,253	3,092,380	23
8,981,737	1,104,569	870,710	6,092,651	881,969	3,979	27,859	11,652,237	11,249,444	128,802	234,665	39,326	25,769,004	14,116,767	24
2,643,103	265,313	256,808	698,443	1,283,526	19,507	119,506	5,892,804	5,653,188	48,647	190,969	----------	13,457,747	7,564,943	25
1,546,087	130,061	209,463	781,922	404,363	1,540	18,738	946,641	224,289	45,521	676,831	----------	4,879,536	3,932,895	26
468,166	47,279	47,054	275,616	98,217	----------	----------	1,521,320	1,502,870	4,426	11,855	2,169	2,914,362	1,393,042	27
4,195,529	536,159	645,345	2,270,027	711,418	17,181	15,399	4,718,614	4,466,220	62,252	90,601	99,541	11,198,193	6,479,579	28
2,138,102	464,797	305,673	657,637	703,328	----------	6,667	5,615,655	5,489,416	54,579	44,328	27,332	12,074,398	6,458,743	29
690,000	153,475	60,898	410,676	64,585	----------	366	1,205,370	1,150,016	19,398	28,969	6,987	2,233,857	1,028,487	30
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	31
837,014	89,400	128,220	551,684	67,710	----------	----------	722,391	706,187	7,243	8,961	----------	2,014,666	1,292,275	32
1,206,111	207,938	82,852	747,254	167,443	----------	624	1,939,360	1,901,106	3,956	17,574	16,724	3,612,007	1,672,647	33
559,751	73,195	46,084	388,927	47,320	4,225	----------	1,055,489	1,040,204	3,452	11,833	----------	1,850,779	795,290	34
608,777	85,071	78,274	356,050	86,469	2,913	----------	560,466	522,975	4,818	17,836	14,837	1,426,653	866,187	35
601,940	35,500	46,508	478,628	37,204	4,100	----------	1,269,119	1,259,046	1,329	8,744	----------	2,378,994	1,109,875	36
34,691	12,912	----------	18,971	2,808	----------	----------	19,710	18,895	52	763	----------	66,830	47,120	37
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	38
465,226	51,847	24,621	357,434	30,323	----------	1,001	732,120	723,629	2,706	5,785	----------	1,363,995	631,875	39
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	40
6,813,786	873,176	726,293	3,812,981	1,367,055	7,751	26,530	10,032,063	9,658,208	138,163	155,694	79,998	21,716,788	11,684,725	41
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	42
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	43
10,666,517	1,164,271	1,393,018	6,422,181	1,608,177	32,771	46,099	10,119,843	8,765,798	90,468	219,743	1,043,834	26,829,381	16,709,538	44
437,362	73,900	62,509	108,604	190,494	1,855	----------	1,483,017	1,448,529	15,123	10,908	8,457	2,717,592	1,234,575	45
1,164,421	166,603	104,030	712,869	169,497	1,042	10,380	3,791,449	3,647,401	54,595	89,453	----------	6,323,003	2,531,554	46
2,497,639	287,560	206,721	1,797,282	206,076	----------	----------	438,859	288,112	18,213	52,899	79,635	3,874,911	3,436,052	47
11,834,150	1,088,999	2,080,090	7,738,554	792,130	73,299	61,078	20,660,324	19,749,635	373,015	390,955	146,719	43,972,092	23,311,768	48
716,787	55,765	68,035	586,719	4,921	----------	1,347	260,218	231,440	7,603	17,068	4,107	1,240,101	979,883	49
5,257,094	434,314	553,608	3,846,282	395,200	18,159	9,531	3,858,472	3,572,121	59,716	138,676	87,959	11,678,357	7,819,885	50
606,689	106,757	84,709	345,156	68,036	2,031	----------	1,210,326	1,185,107	10,662	14,557	----------	2,355,342	1,145,016	51
2,156,726	95,882	183,835	1,842,212	34,797	----------	----------	1,297,382	1,059,654	220,516	17,212	----------	4,201,340	2,903,958	52
5,489,582	548,621	510,298	2,340,583	1,966,515	91,472	32,093	5,768,191	5,247,078	371,156	148,988	969	18,862,210	13,094,019	53
249,098	27,300	49,984	151,581	18,233	----------	2,000	550,673	522,390	4,263	9,994	14,026	1,237,655	686,982	54
2,961,488	253,319	385,403	1,992,265	329,543	----------	958	6,338,882	6,247,751	25,136	64,567	1,428	11,768,460	5,429,578	55
41,984,794	861,158	5,544,083	28,226,655	7,068,313	263,455	21,130	321,695,158	318,578,847	1,811,379	771,948	532,984	389,983,359	68,288,201	56
3,646,922	483,919	445,712	2,454,244	241,407	15,059	6,581	3,764,498	2,529,056	72,276	122,297	40,869	9,867,910	6,103,412	57
630,762	61,753	64,035	456,065	34,961	3,986	9,962	913,113	882,741	5,560	18,139	6,673	1,848,179	935,066	58
456,966	30,720	55,672	349,551	20,348	----------	675	703,553	669,503	9,184	3,488	21,378	1,310,227	606,674	59
1,740,705	69,814	50,912	1,592,448	26,124	----------	1,407	452,121	298,225	13,673	24,048	116,175	2,860,168	2,408,047	60
14,558,089	599,026	1,166,582	12,182,199	585,149	4,410	20,723	23,469,031	19,571,037	95,335	130,908	3,671,751	47,008,070	23,539,039	61
590,498	56,711	46,227	390,378	97,182	----------	----------	1,097,042	1,081,233	836	9,480	5,493	2,029,039	931,997	62
4,351,535	324,883	844,141	2,899,059	276,296	1,410	5,746	4,580,047	4,260,611	40,113	107,593	171,730	12,554,235	7,974,188	63
3,608,757	387,833	288,985	2,572,132	358,247	----------	1,560	3,820,046	3,743,426	14,658	61,139	823	8,921,989	5,101,943	64
359,027	53,650	25,039	229,686	50,652	----------	----------	718,062	630,742	46,112	41,208	----------	1,782,661	1,064,599	65

TABLE 9.—GENERAL STATISTICS FOR INDUSTRIAL

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
		CHICAGO INDUSTRIAL AREA—Continued									
1	13	Mineral wool	4		64	5	8	47	4		
2	6	Mirror frames and picture frames	38	18	1,888	49	111	1,538	190		
3	13	Mirrors and other glass products made of purchased glass	43	28	1,521	37	98	1,251	117	3	15
4	20	Miscellaneous fabricated products not elsewhere classified	52	29	2,496	53	270	2,009	163	1	
5	20	Models and patterns (except paper patterns)	56	76	409	15	15	360	19		
6	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	47	27	466	45	52	328	38		3
7	19	Motorcycles, bicycles, and parts	5	1	762	6	66	663	27		
8	18	Motor vehicles, motor-vehicle bodies, parts and accessories	83	30	6,957	119	614	5,392	801	20	11
9	9	Mucilage, paste, and other adhesives, except glue and rubber cement [a]	5	3	28	2	8	12	6		
10	20	Musical instruments, parts, and materials not elsewhere classified	25	19	802	31	73	649	49		
11	8	Newspapers: publishing and printing	115	59	10,790	121	2,368	5,321	2,969	7	4
12	8	Newspapers: publishing without printing	27	14	161	20	112	13	16		
13	1	Nonalcoholic beverages	116	89	2,218	105	133	982	989	5	4
14	15	Nonferrous-metal foundries (except aluminum)	46	33	1,232	44	75	1,069	36	3	5
15	15	Nonferrous-metal products not elsewhere classified	51	18	3,024	70	289	2,390	234	30	11
16	17	Office and store machines not elsewhere classified	15		1,929	25	368	1,378	155		3
17	6	Office furniture	21	13	1,587	33	180	1,267	107		
18	14	Oil burners, domestic and industrial	9	1	157	16	23	96	22		
19	1	Oleomargarine—not made in meat-packing establishments	4		685	6	66	366	232		15
20	20	Ophthalmic goods: lenses and fittings	4	3	159	5	16	119	19		
21	10	Oven coke and coke-oven byproducts	9		3,594		382	3,009	8	169	26
22	9	Paints, varnishes, and lacquers	99	26	5,135	126	863	3,241	829	14	62
23	7	Paper and paperboard mills	7		1,249	3	159	1,084		3	
24	7	Paper bags, except those made in paper mills	9	2	1,007	12	83	843	66	3	
25	7	Paperboard containers and boxes not elsewhere classified	108	46	6,630	144	531	5,387	517	41	10
26	6	Partitions, shelving, cabinet work, and office and store fixtures	61	31	2,627	99	163	2,210	142	5	8
27	10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	11	2	257	17	33	191	16		
28	20	Pens, mechanical pencils, and pen points	7	3	989	11	78	706	194		
29	9	Perfumes, cosmetics, and other toilet preparations	64	30	1,499	59	116	870	451		3
30	8	Periodicals: publishing and printing	37	3	3,848	48	786	2,406	608		
31	8	Periodicals: publishing without printing	272	62	2,983	304	1,723	45	911		
32	10	Petroleum refining	12	1	8,439	1	1,015	7,190	34	199	
33	8	Photoengraving, not done in printing establishments (including preparation of plates)	52	25	2,288	81	252	1,659	294	2	
34	20	Photographic apparatus and materials and projection equipment (except lenses [a]	33	19	2,311	43	267	1,483	518		
35	1	Pickled fruits and vegetables and vegetable sauces and seasonings	29	15	991	33	41	763	143	7	4
36	5	Planing mills not operated in conjunction with sawmills	106	61	2,219	105	131	1,790	179		14
37	9	Plastic materials	3		9	1	1	4	3		
38	13	Pottery products not elsewhere classified	4	1	204	6	22	168	8		
39	1	Poultry dressing and packing, wholesale	7	9	55		5	39	11		
40	14	Power boilers and associated products	30	13	1,556	44	196	1,158	157		1
41	1	Prepared feeds (including mineral) for animals and fowls	23	10	1,005	17	112	631	243		2
42	9	Printing ink	38	10	819	23	156	543	90	4	3
43	17	Printing-trades machinery and equipment	48	28	2,682	45	358	1,971	284	12	12
44	3	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	4	4	72	2	9	60	1		
45	20	Professional and scientific instruments (except surgical and dental) [a]	23	5	1,002	38	128	742	92	2	
46	6	Public-building furniture	9	4	257	13	13	219	12		
47	17	Pumping equipment and air compressors	19		1,288	40	159	905	175	6	3
48	16	Radios, radio tubes, and phonographs [b]	41	11	12,326	74	1,269	10,353	550	47	33
49	6	Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets	4	5	31	3		25	3		
50	17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	25	7	522	30	48	357	86		1
51	4	Robes, lounging garments, and dressing gowns	6	6	184	7	1	156	19		1
52	10	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	18	2	2,049	7	166	1,726	125	23	2
53	12	Saddlery, harness, and whips	4	1	30	2	2	22	3	1	
54	1	Salad dressings	6	3	243	5	21	206	11		
55	1	Sausage casings—not made in meat-packing establishments	10		681	11	35	551	84		
56	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	80	39	2,434	83	163	1,735	435	9	9
57	14	Saws	10	9	163	10	35	112	5		1
58	17	Scales and balances	10	2	463	17	36	359	50		1
59	14	Screw-machine products and wood screws	48	31	3,189	52	300	2,535	276	20	6
60	15	Secondary smelting and refining of nonferrous metals, not elsewhere classified	22	8	1,241	34	158	922	99	14	14
61	17	Sewing machines, domestic and industrial	3		654	5	134	392	69	54	
62	15	Sheet-metal work not specifically classified	87	46	2,005	91	143	1,606	154	1	10
63	19	Shipbuilding and ship repairing [a]	5	2	244	8	17	215	1	3	
64	20	Signs, advertising displays, and advertising novelties	104	60	3,386	133	376	2,544	323	10	
65	12	Small leather goods	5	3	81	3	8	67	3		

See footnotes at end of table.

AREAS, BY INDUSTRIES: 1939—Continued

Salaries and wages: Total [2]	Salaries of officers of corporations [2]	Manufacturing: Salaries [2]	Manufacturing: Wages	Distribution	Construction	Other	Cost of materials, supplies, fuel, purchased electric energy, and contract work: Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
CHICAGO INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
83,969	18,425	12,851	47,773	4,920	----------	----------	103,346	75,005	22,612	5,729	----------	229,824	* 126,478	1
2,164,695	284,768	176,286	1,379,859	323,782	----------	----------	2,359,751	2,290,196	21,501	48,054	----------	5,702,249	3,342,498	2
1,688,586	204,895	160,712	1,092,496	208,881	4,474	17,128	2,030,690	1,955,790	29,446	36,110	9,344	4,527,668	2,496,978	3
2,897,814	258,390	495,156	1,843,473	298,995	1,800	----------	3,615,829	3,455,542	33,132	51,805	75,350	8,248,194	4,632,365	4
701,113	48,027	23,073	599,434	30,579	----------	----------	285,464	255,972	8,637	17,531	3,324	1,477,743	1,192,279	5
707,283	108,941	89,998	423,312	80,824	782	3,426	835,836	757,008	6,504	61,224	11,100	2,005,356	1,169,520	6
975,846	66,148	84,019	750,441	75,238	----------	----------	3,892,784	3,839,194	17,318	17,567	18,705	5,441,985	1,549,201	7
11,004,767	747,753	1,243,163	7,239,418	1,728,167	25,306	20,960	54,528,903	54,062,154	218,203	228,421	20,125	76,498,256	21,969,353	8
63,185	9,600	19,995	16,217	17,373	----------	----------	147,858	145,135	1,874	849	----------	270,153	122,295	9
1,004,982	121,396	128,333	679,778	75,475	----------	----------	929,873	878,433	12,776	27,942	10,722	2,411,679	1,481,806	10
25,523,798	1,063,147	6,280,408	11,938,511	6,225,510	8,777	7,445	20,845,712	17,767,610	86,370	442,240	2,549,492	64,252,763	43,407,051	11
241,832	79,743	124,983	17,559	19,547	----------	----------	459,438	38,643	923	2,813	417,059	931,329	471,891	12
3,228,541	449,897	219,197	815,387	1,719,452	13,612	10,996	5,893,839	5,697,261	64,713	107,215	24,650	14,486,892	8,593,053	13
1,634,984	187,099	147,636	1,242,009	49,772	4,800	3,668	2,400,027	2,210,607	108,862	53,798	26,760	4,984,985	2,584,958	14
4,840,014	505,310	600,946	3,220,566	448,729	49,814	14,649	6,030,481	5,540,027	139,789	143,904	206,761	12,936,359	6,905,878	15
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	16
2,174,940	192,099	279,287	1,437,386	266,168	----------	----------	2,337,461	2,235,401	49,922	39,775	12,363	6,251,449	3,913,988	17
251,954	56,422	29,345	126,388	39,799	----------	----------	644,988	636,622	3,940	4,426	----------	1,065,346	420,358	18
1,125,104	34,145	153,455	460,447	452,592	----------	24,465	5,251,872	5,165,174	56,455	30,243	----------	8,918,750	3,666,878	19
195,955	38,160	19,942	113,199	24,654	----------	----------	305,437	297,917	2,062	5,301	157	779,836	474,399	20
5,773,641	----------	967,154	4,549,324	15,900	198,146	43,117	46,202,518	44,654,421	1,316,968	231,129	----------	56,359,537	10,157,019	21
10,010,927	1,012,531	1,816,313	4,866,805	2,250,295	24,815	40,168	41,296,248	40,673,999	341,582	275,541	5,126	68,361,981	27,065,733	22
1,883,886	20,450	316,402	1,545,189	----------	1,845	----------	6,281,260	5,761,202	510,688	9,370	----------	12,234,170	5,952,910	23
1,346,487	100,742	153,310	913,387	173,321	5,727	----------	3,496,700	3,375,160	12,388	38,378	70,774	5,833,900	2,337,200	24
8,599,402	1,071,527	954,013	5,413,296	1,071,330	75,966	13,270	18,703,737	18,373,260	108,987	189,350	32,140	33,394,261	14,690,524	25
3,610,793	384,651	323,027	2,668,261	215,719	8,060	11,075	5,050,951	4,873,730	50,645	98,109	28,467	11,158,136	6,107,185	26
508,125	174,490	69,080	242,046	22,509	----------	----------	1,527,492	1,435,646	54,163	35,836	1,847	2,595,116	1,067,624	27
1,355,252	133,736	128,437	619,019	474,060	----------	----------	1,039,720	949,524	14,325	19,497	56,374	3,089,662	2,049,942	28
2,247,444	662,971	195,117	791,185	596,015	----------	2,156	6,460,236	6,404,771	18,477	36,988	----------	16,119,207	9,658,971	29
7,400,543	449,097	1,853,434	4,054,113	1,043,899	----------	----------	5,026,069	4,201,441	93,775	102,276	628,577	17,902,479	12,876,410	30
6,613,204	1,633,953	3,016,671	77,081	1,885,499	----------	----------	10,205,148	3,087,039	1,935	15,868	7,100,306	25,858,674	15,653,526	31
16,764,283	6,500	2,725,928	13,681,850	64,671	285,334	----------	160,700,030	154,102,412	5,720,266	681,839	195,513	219,884,154	59,184,124	32
5,786,197	522,460	571,326	3,885,682	801,779	4,950	----------	1,118,672	876,817	20,968	82,505	138,382	8,904,587	7,785,915	33
3,617,809	275,440	536,650	1,983,796	821,923	----------	----------	5,156,625	4,951,733	24,152	55,343	125,397	11,140,834	5,984,209	34
1,126,053	135,592	65,599	627,449	279,788	13,853	3,772	3,111,406	3,053,436	31,322	26,608	40	5,139,040	2,027,634	35
3,358,847	386,225	248,625	2,427,047	281,860	30	15,060	5,193,091	4,987,361	47,877	144,141	13,712	10,295,868	5,102,777	36
15,197	3,500	2,304	2,559	6,834	----------	----------	69,628	66,957	505	1,269	897	102,469	32,841	37
276,985	44,280	35,046	171,224	26,435	----------	----------	173,647	141,998	28,460	3,189	----------	563,501	389,854	38
51,285	----------	6,805	35,597	8,851	----------	32	461,991	457,161	2,727	2,103	----------	554,815	92,824	39
2,712,020	256,204	428,761	1,764,442	261,613	----------	1,000	6,429,040	6,212,066	64,961	87,419	64,594	10,620,637	4,191,597	40
1,655,946	196,581	176,759	855,382	423,700	----------	3,524	16,273,381	16,100,188	35,978	137,215	----------	21,259,264	4,985,883	41
1,625,409	156,365	430,311	725,142	303,085	7,751	2,755	6,212,397	6,060,490	22,573	129,286	48	11,546,255	5,333,858	42
4,900,224	277,283	775,498	3,248,930	555,365	27,816	15,332	3,687,809	3,477,880	60,492	95,677	53,760	13,003,317	9,315,508	43
82,710	6,600	16,590	59,010	510	----------	----------	443,690	436,705	240	6,745	----------	688,379	244,689	44
1,534,964	202,411	245,490	950,626	127,569	8,868	----------	1,299,524	1,251,201	14,241	28,962	5,120	3,874,096	2,574,572	45
358,409	87,935	25,567	219,568	25,339	----------	----------	685,894	668,188	5,953	11,753	----------	1,351,626	665,732	46
2,180,833	231,535	330,624	1,252,391	350,990	11,143	4,150	3,355,597	3,280,914	21,507	43,539	9,637	8,218,348	4,862,751	47
14,653,391	688,415	2,415,823	10,103,532	1,344,706	57,530	43,385	46,947,152	46,650,043	78,949	208,594	9,566	74,684,751	27,737,599	48
24,285	5,460	----------	16,815	2,010	----------	----------	45,788	44,350	504	934	----------	103,112	57,324	49
768,941	99,806	82,113	452,910	133,112	----------	1,000	1,173,598	1,139,126	6,136	23,909	4,427	2,614,658	1,441,060	50
169,987	13,320	1,360	128,854	25,413	----------	1,040	405,037	388,000	----------	4,065	12,972	707,922	302,885	51
3,050,240	74,502	370,871	2,286,225	272,939	43,999	1,704	14,828,818	14,447,050	286,331	95,437	----------	26,997,178	12,168,360	52
33,700	7,300	2,000	20,360	3,440	600	----------	53,277	51,807	677	793	----------	100,387	47,110	53
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	54
841,908	73,789	64,789	481,874	221,456	----------	----------	2,158,806	2,137,485	10,741	10,580	----------	3,265,044	1,106,238	55
3,741,464	399,766	388,500	2,155,640	772,297	15,453	9,808	22,441,249	22,145,171	120,326	167,752	8,000	28,531,204	6,089,955	56
246,446	42,705	37,912	154,916	8,721	----------	2,192	199,416	180,860	5,428	10,195	2,933	606,641	407,225	57
657,151	106,531	71,982	383,533	94,221	----------	884	561,574	523,128	14,553	16,350	7,543	1,609,857	1,048,283	58
5,246,486	490,864	645,000	3,516,546	563,938	22,430	7,708	5,026,595	4,631,412	69,079	173,078	153,026	13,926,210	8,899,615	59
2,014,705	279,702	390,738	1,070,144	234,997	21,653	17,471	22,050,049	21,716,063	247,334	86,652	----------	27,000,699	4,950,650	60
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	61
3,211,289	524,979	302,823	2,052,278	319,346	1,925	9,938	4,325,859	4,038,373	39,238	70,427	177,821	9,703,132	5,377,273	62
410,052	36,345	40,439	327,800	1,560	3,908	----------	288,283	270,786	3,602	13,395	500	871,511	583,228	63
4,946,275	795,408	669,005	2,912,680	551,638	17,544	----------	5,470,049	4,809,502	52,104	104,626	503,817	13,645,056	8,175,007	64
79,285	15,735	9,107	51,267	3,176	----------	----------	138,225	137,112	35	1,078	----------	297,406	159,181	65

TABLE 9.—GENERAL STATISTICS FOR INDUSTRIAL

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [1]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
		CHICAGO INDUSTRIAL AREA—Continued									
1	9	Soap and glycerin	29	5	3,283	33	620	2,141	359	116	14
2	20	Soda fountains, beer dispensing equipment, and related products	3	.....	825	2	139	674	10	.....	.....
3	9	Soybean oil, cake, and meal	4	.....	344	.....	67	244	33	.....	.....
4	17	Special-industry machinery, not elsewhere classified [a]	10	5	187	16	18	129	19	.....	5
5	20	Sporting and athletic goods not elsewhere classified	37	17	2,193	41	164	1,860	71	57	.....
6	14	Stamped and pressed metal products (except automobile stampings)	80	35	3,849	99	294	3,163	283	6	4
7	13	Statuary and art goods (except stone and concrete)—factory production	19	32	189	8	18	157	6	.....	.....
8	13	Steam and other packing: pipe and boiler covering [a]	16	5	1,640	25	127	1,186	284	18	.....
9	14	Steam fittings, regardless of material	26	5	8,887	43	1,585	6,987	272	.....	.....
10	14	Steel castings	14	.....	5,299	25	564	4,569	107	34	.....
11	14	Steel works and rolling mills	20	.....	61,490	8	7,141	52,699	200	1,381	61
12	17	Stokers, mechanical, domestic and industrial	6	.....	845	9	48	611	177	.....	.....
13	14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	16	9	1,911	28	106	1,678	99	.....	.....
14	12	Suitcases, brief cases, bags, trunks, and other luggage	45	33	1,414	61	62	1,152	139	.....	.....
15	20	Surgical and medical instruments	9	2	282	18	21	143	100	.....	.....
16	20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances [b]	33	14	2,575	33	432	1,746	328	36	.....
17	9	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	4	.....	32	6	2	18	6	.....	.....
18	4	Textile bags—not made in textile mills [a]	16	7	607	19	37	523	28	.....	.....
19	14	Tin cans and other tinware not elsewhere classified	27	.....	7,659	20	1,031	6,508	68	26	6
20	14	Tools (except edge tools, machine tools, files, and saws)	47	24	1,872	56	192	1,496	128	.....	.....
21	4	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories	16	11	261	11	5	232	13	.....	.....
22	4	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	13	10	355	9	36	300	9	.....	1
23	4	Trousers (semidress), wash suits, and washable service apparel	18	16	969	20	50	854	44	.....	1
24	20	Umbrellas, parasols, and canes	3	4	34	.....	2	29	3	.....	.....
25	6	Upholstered household furniture	44	19	2,832	49	177	2,479	125	.....	2
26	17	Vending, amusement, and other coin-operated machines [a]	23	3	4,184	50	424	3,379	321	8	2
27	6	Venetian blinds	19	16	543	12	37	393	100	.....	1
28	7	Wallpaper	11	3	1,445	13	99	1,284	42	7	.....
29	6	Window and door screens and weather strip	24	9	385	29	55	246	54	1	.....
30	6	Window shades [b]	36	23	1,021	18	48	908	47	.....	.....
31	14	Wire drawn from purchased rods	6	.....	2,088	6	181	1,857	34	10	.....
32	14	Wirework not elsewhere classified	65	49	3,832	68	303	3,304	148	9	.....
33	16	Wiring devices and supplies	21	7	2,400	29	184	2,065	120	2	.....
34	4	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors	12	16	485	6	20	417	36	.....	6
35	4	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors [a]	9	3	300	12	12	240	36	.....	.....
36	4	Women's and misses' dresses (except house dresses)—made in contract factories [a]	32	41	783	1	5	776	1	.....	.....
37	4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	101	78	7,027	106	252	6,145	491	7	26
38	4	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics	5	2	142	6	2	130	4	.....	.....
39	4	Women's, children's, and infants' underwear and nightwear of knitted fabrics	10	7	874	4	17	793	55	4	1
40	4	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics [a]	11	6	630	9	25	585	11	.....	.....
41	4	Women's neckwear, scarfs, etc	3	5	83	.....	1	74	8	.....	.....
42	12	Women's pocketbooks, handbags, and purses	6	3	338	11	3	303	21	.....	.....
43	6	Wooden boxes except cigar boxes	24	13	1,328	12	92	1,196	26	.....	2
44	6	Wood products not elsewhere classified	45	26	696	43	37	584	31	1	.....
45	17	Woodworking machinery	8	2	290	13	36	225	12	.....	.....
46	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	26	20	1,157	25	47	1,026	57	2	.....
47	14	Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills	3	2	553	7	28	457	58	3	.....
48	16	X-ray and therapeutic apparatus and electronic tubes [b]	17	10	1,240	22	246	871	101	.....	.....
49		Other industries [6]	806	243	109,185	1,027	14,508	86,564	5,920	859	307
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]									
50	1	Food and kindred products	89	11	9,371	89	1,076	7,635	490	74	7
51	3	Textile-mill products and other fiber manufactures	44	9	5,669	47	440	4,929	235	6	12
52	4	Apparel and other finished products made from fabrics and similar materials	62	36	2,897	63	206	2,424	191	3	10
53	5	Lumber and timber basic products	3	.....	37	5	5	24	3	.....	.....
54	7	Paper and allied products	44	25	3,366	52	252	2,720	325	12	5
55	9	Chemicals and allied products	26	6	2,115	20	254	1,640	151	50	.....
56	12	Leather and leather products	49	26	4,314	65	308	3,863	72	6	.....
57	13	Stone, clay, and glass products	48	6	5,208	49	584	4,337	155	83	.....
58	14	Iron and steel and their products, except machinery	99	24	14,869	161	2,074	11,917	690	20	7

See footnotes at end of table.

AREAS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
CHICAGO INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
5,654,330	200,546	1,329,636	3,091,740	781,318	235,620	15,470	29,535,403	28,952,158	377,881	205,364	----------	55,451,509	25,916,106	1
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	2
605,259	----------	135,226	376,744	93,289	----------	----------	6,012,937	5,812,486	83,604	116,847	----------	8,216,410	2,203,473	3
342,569	72,754	39,556	187,139	38,553	----------	4,567	273,309	252,363	5,172	11,078	4,696	805,709	532,400	4
2,987,142	252,728	290,761	2,214,596	179,740	49,317	----------	4,901,152	4,774,862	42,371	63,491	20,428	10,329,387	5,428,235	5
5,522,558	648,370	612,946	3,563,769	683,445	10,209	3,819	8,897,706	8,618,166	79,114	162,080	38,346	19,301,073	10,403,367	6
254,619	18,885	42,056	183,119	10,559	----------	----------	181,140	162,397	7,336	6,210	5,197	554,741	373,601	7
2,302,025	238,581	260,181	1,291,380	481,952	29,931	----------	3,298,546	3,218,085	39,966	40,495	----------	7,019,474	3,720,928	8
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	9
8,711,640	198,063	1,260,797	7,008,628	194,439	49,713	----------	6,809,003	5,410,680	666,441	702,539	29,343	22,016,977	15,207,974	10
105,618,043	146,563	17,792,835	85,042,369	407,425	2,131,610	97,241	263,694,060	237,312,827	22,211,666	4,140,023	29,544	449,199,389	185,505,329	11
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	12
2,818,815	162,085	283,734	2,215,181	157,815	----------	----------	3,992,129	3,805,976	108,058	53,977	24,118	9,591,970	5,599,841	13
1,765,523	256,948	101,510	1,177,259	229,806	----------	----------	3,026,243	2,978,120	9,281	22,877	15,965	5,508,811	2,482,568	14
453,412	109,406	31,730	162,049	150,227	----------	----------	173,043	162,976	2,190	7,877	----------	651,458	478,415	15
3,398,252	183,568	731,426	1,720,186	725,797	37,275	----------	7,720,026	7,577,581	59,961	81,479	1,005	15,913,149	8,193,123	16
56,827	13,670	2,662	25,186	15,309	----------	----------	165,087	161,253	360	2,188	1,286	384,901	219,814	17
692,943	137,082	61,578	441,396	52,887	----------	----------	3,628,380	3,608,608	4,798	14,063	911	4,819,319	1,190,939	18
10,170,820	135,795	2,138,777	7,691,136	147,479	50,794	6,839	48,794,617	48,196,715	293,570	304,332	----------	77,091,467	28,296,850	19
2,858,955	411,753	374,803	1,816,667	255,732	----------	----------	3,402,658	3,196,445	59,285	88,755	58,173	9,031,546	5,628,888	20
307,258	73,010	10,834	215,094	8,320	----------	----------	47,137	37,671	2,502	6,964	----------	499,781	452,644	21
404,248	95,769	69,662	225,811	12,587	----------	419	1,465,903	1,460,575	370	4,958	----------	2,248,922	783,019	22
817,748	77,727	83,332	600,697	55,129	----------	863	1,749,499	1,714,407	3,990	10,944	20,158	2,919,293	1,169,794	23
14,522	----------	1,300	10,758	2,464	----------	----------	62,330	61,754	50	526	----------	91,947	29,617	24
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	25
6,480,771	712,028	848,062	4,167,936	737,467	13,767	1,511	9,517,790	9,329,271	40,742	86,693	61,084	20,146,463	10,628,673	26
608,563	57,672	48,403	383,356	117,789	----------	1,343	1,179,866	1,160,472	6,069	12,263	1,062	2,165,590	985,724	27
2,122,885	107,454	239,927	1,617,621	143,759	14,124	----------	3,822,846	3,679,396	71,792	54,041	17,617	7,546,364	3,723,518	28
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	29
1,310,714	74,825	104,801	1,048,089	82,999	----------	----------	4,791,038	4,673,810	102,452	14,578	198	9,040,163	4,249,125	30
2,434,384	58,460	361,321	1,908,293	91,310	15,000	----------	5,231,747	5,000,181	103,111	128,455	----------	10,249,023	5,017,276	31
4,998,889	442,124	602,103	3,501,735	438,727	14,200	----------	8,149,348	7,801,665	107,251	140,756	99,676	17,071,280	8,921,932	32
3,501,095	234,253	455,297	2,593,671	214,104	3,770	----------	6,662,111	6,483,748	63,909	97,362	17,092	15,554,784	8,892,673	33
383,729	12,210	31,213	285,197	49,557	----------	5,552	546,385	537,979	66	6,699	1,641	1,167,817	621,432	34
265,869	42,179	12,367	178,882	32,441	----------	----------	467,112	458,865	641	5,139	2,467	862,309	395,197	35
648,562	3,990	4,366	639,469	737	----------	----------	70,818	60,026	1,191	9,601	----------	963,476	892,658	36
8,152,869	617,355	573,944	5,768,962	1,153,484	11,158	27,966	12,856,372	11,796,796	8,087	88,333	963,156	25,685,890	12,829,518	37
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	----------	(5)	----------	(5)	(5)	38
863,643	53,962	31,568	594,601	176,660	6,630	222	2,198,861	2,189,071	1,126	8,664	----------	3,774,215	1,575,354	39
532,203	75,010	47,985	400,086	9,122	----------	----------	1,291,140	1,269,512	240	8,242	13,146	2,052,642	761,502	40
64,501	----------	1,300	53,288	9,913	----------	----------	227,871	203,044	125	753	23,949	346,295	118,424	41
339,633	28,289	4,570	274,906	31,868	----------	----------	488,700	482,581	----------	6,119	----------	1,010,648	521,948	42
1,338,844	36,607	133,610	1,129,010	37,143	----------	2,474	2,210,042	2,118,593	11,411	62,670	17,368	4,522,654	2,312,612	43
826,855	139,395	50,639	592,714	43,431	676	----------	907,093	857,309	6,470	33,087	10,227	2,208,123	1,301,030	44
491,427	74,447	76,056	319,850	17,483	----------	3,591	609,572	591,615	6,178	11,779	----------	2,125,114	1,515,542	45
1,049,554	108,525	71,070	779,176	88,685	2,098	----------	1,918,536	1,871,239	6,881	16,824	23,592	3,521,597	1,603,061	46
1,029,165	54,680	71,214	773,800	123,244	6,227	----------	1,734,583	1,660,832	24,407	35,439	13,905	3,560,904	1,826,321	47
1,990,881	154,557	494,751	1,184,149	157,424	----------	----------	1,919,390	1,847,339	13,252	40,921	17,878	9,059,044	7,139,654	48
171,848,011	7,736,653	32,520,853	117,656,112	11,728,729	1,823,608	382,056	324,479,197	312,045,757	6,910,917	3,758,398	1,764,125	714,954,187	390,474,990	49
14,804,880	516,543	2,415,367	10,771,473	960,272	129,889	11,336	76,009,914	73,572,202	1,781,929	356,934	298,849	148,357,884	72,347,970	50
6,605,597	477,383	883,079	4,829,958	395,049	6,341	13,787	14,816,442	14,472,460	150,991	151,392	41,599	30,284,843	15,468,401	51
2,869,192	326,113	363,202	1,828,453	326,103	13,400	11,921	6,134,277	6,025,727	15,955	38,098	54,497	11,797,137	5,662,860	52
72,873	22,800	10,140	25,824	14,109	----------	----------	60,401	54,219	3,456	2,726	----------	195,343	134,942	53
4,655,401	440,886	576,333	2,924,616	675,332	23,875	14,359	7,742,694	7,441,487	90,565	117,049	93,593	20,401,538	12,658,844	54
3,698,715	299,233	516,480	2,329,783	453,207	89,237	10,775	10,896,240	10,339,642	369,971	132,312	54,315	22,108,625	11,212,385	55
6,540,907	531,348	663,172	5,163,303	170,747	12,337	----------	20,640,938	19,939,080	250,836	192,573	258,449	30,773,629	10,132,691	56
7,323,741	339,702	1,094,168	5,397,288	331,192	157,443	3,948	11,838,635	9,783,465	1,478,578	574,489	2,103	30,012,651	18,174,016	57
24,086,829	1,393,208	4,086,303	16,993,506	1,556,130	49,369	8,313	38,380,072	36,575,437	839,501	719,064	246,070	81,686,535	43,306,463	58

TABLE 9.—GENERAL STATISTICS FOR INDUSTRIAL

	Code	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [1]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [3]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
		CHICAGO INDUSTRIAL AREA—Continued									
1	15	Nonferrous metals and their products	29	12	4,497	23	348	3,591	344	75	116
2	17	Machinery (except electrical)	80	5	21,504	147	3,139	16,832	1,202	139	45
3	20	Miscellaneous industries	57	24	5,496	55	427	4,428	562	24	.....
4	2	Tobacco manufactures	3	1	668		82	552		34	.....
5	6	Furniture and finished lumber products	76	33	3,413	82	247	2,880	194	8	2
6	11	Rubber products	34	8	2,759	39	215	2,363	138	4	
7	16	Electrical machinery	55	14	20,305	120	4,520	14,233	1,011	318	103
8	19	Transportation equipment except automobiles	8	3	2,697	10	331	2,196	157	3	.....
		ST. LOUIS INDUSTRIAL AREA									
9		All industries, total	2,787	1,382	161,572	2,829	16,157	126,831	13,733	1,678	344
10	19	Aircraft and parts, including aircraft engines	3		572	6	188	362	16		
11	15	Alloying, and rolling and drawing of nonferrous metals, except aluminum	6	2	1,569	2	123	1,364	74		6
12	13	Asbestos products (except steam packing and pipe and boiler covering)	6		669	6	60	549	54		
13	3	Batting, padding, and wadding; upholstery filling	3		326	6	31	263	26		
14	20	Beauty-shop and barber-shop equipment	4	1	128	7	19	63	39		
15	4	Belts (apparel), regardless of material	3	1	32	1	6	24	1		
16	1	Biscuit, crackers, and pretzels	6	1	1,008	4	59	821	60	10	54
17	8	Bookbinding and related industries	30	20	438	24	28	362	24		
18	8	Books: printing without publishing [5]	14	9	186	12	20	141	13		
19	8	Books: publishing without printing	7	1	147	4	108		35		
20	12	Boot and shoe cut stock and findings	26	6	3,708	20	205	3,444	39		
21	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	344	342	4,366	56	210	3,696	352	9	43
22	13	Brick and hollow structural tile	19	2	564	15	43	493	13		
23	20	Brooms	4	5	15		1	12	2		
24	20	Brushes	4	1	65	7	9	36	13		
25	1	Candy and other confectionery products	16	10	1,207	12	99	958	112	15	11
26	4	Canvas products (except bags)	7	3	209	13	21	147	28		
27	19	Cars and car equipment—railroad, street, and rapid-transit	13		2,278	6	357	1,883	20	12	
28	6	Caskets, coffins, burial cases, and other morticians' goods	17	6	470	23	23	295	129		
29	9	Chemicals not elsewhere classified	11	2	3,150	3	616	2,043	42	445	1
30	20	Children's vehicles	3		299	6	31	234	8		
31	2	Cigars	9	9	100	3		94	3		
32	13	Clay refractories, including refractory cement (clay)	6		889	5	83	792	9		
33	9	Cleaning and polishing preparations, blackings, and dressings	25	12	346	29	45	121	151		
34	4	Clothing, leather and sheep-lined	4	4	341	3	20	276	42		
35	9	Coal-tar products, crude and intermediate	3		839		106	696		37	
36	7	Coated and glazed paper	3		308	4	27	232	39	6	
37	4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors [5]	19	14	546	18	28	474	18		8
38	9	Colors and pigments	5		1,083	2	216	855	10		
39	9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	8		166		16	85	65		
40	13	Concrete products	30	10	424	18	23	356	25	2	
41	1	Condensed and evaporated milk	3	1	29	1	4	19	5		
42	7	Converted paper products not elsewhere classified	3	6	235		11	224			
43	6	Cooperage	6	1	457	14	27	405	6	5	
44	1	Creamery butter	11	1	311	7	56	191	57		
45	4	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors [5]	16	7	433	15	17	372	26		3
46	14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	16	5	813	31	78	662	42		
47	14	Doors, window sash, frames, molding, and trim (made of metal)	4	1	313	8	15	247	43		
48	9	Drugs and medicines (including drug grinding)	38	4	2,033	56	228	1,145	578	22	4
49	16	Electrical products not elsewhere classified	3	1	40	6	8	25	1		
50	15	Electroplating, plating, and polishing	14	12	186	7	10	156	11		2
51	8	Electrotyping and stereotyping, not done in printing establishments	6	3	124	4	15	99	6		
52	4	Embroideries, other than Schiffli-machine products—contract factories	6	9	126	2		116	5		3
53	14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	7	2	290	8	42	240			
54	14	Enameling, japanning, and lacquering	3	1	144	5	5	134			
55	7	Envelopes	4		455	9	24	340	82		
56	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	24	5	816	50	101	610	51	4	
57	20	Feathers, plumes, and artificial flowers	3		40	6	2	31	1		
58	9	Fertilizers	8		330		25	266	38		1
59	3	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	10	3	926	14	45	679	188		
60	1	Flavoring extracts and flavoring sirups, not elsewhere classified	20	11	322	17	39	179	84		3
61	1	Flour and other grain-mill products	14	1	575	23	57	404	81	4	6
62	1	Food preparations, not elsewhere classified	20	16	300	8	26	243	23		
63	17	Food-products machinery	7		290	14	44	205	27		
64	12	Footwear (except rubber)	26		9,342	42	500	8,636	160	4	
65	14	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	3	4	16	1	1	14			
66	20	Games and toys (except dolls and children's vehicles)	8	4	163	[illegible]	10	128	16		
67	8	General commercial (job) printing	200	141	3,244	157	364	2,511	210	2	
68	16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	20	1	7,476	69	960	5,915	472	48	12
69	14	Gray-iron and semisteel castings	16	2	1,382	20	96	1,233	30	3	
70	9	Grease and tallow (except lubricating greases)	6	6	62	3	7	52			

See footnotes at end of table.

AREAS, BY INDUSTRIES: 1939—Continued

Salaries and wages: Total [2]	Salaries of officers of corporations [2]	Manufacturing: Salaries [2]	Manufacturing: Wages	Distribution	Construction	Other	Cost of materials, supplies, fuel, purchased electric energy, and contract work: Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
CHICAGO INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
6,186,709	300,520	557,169	4,443,003	621,394	143,499	121,124	21,944,194	21,620,293	171,250	114,558	38,093	34,569,571	12,625,377	1
34,596,535	887,960	6,711,556	24,460,160	2,214,920	270,731	51,208	51,459,524	49,744,013	950,814	678,174	86,523	110,992,390	59,532,866	2
7,539,290	572,819	879,341	5,071,163	972,596	43,371	-------	11,863,426	11,266,020	115,558	138,649	343,199	25,583,815	13,720,389	3
52,867,342	1,628,138	13,764,543	33,417,582	3,037,678	884,116	135,285	52,692,440	51,211,712	691,513	542,380	246,835	168,190,226	115,497,786	4–8
ST. LOUIS INDUSTRIAL AREA														
229,629,214	16,174,899	31,706,701	152,939,450	25,878,649	2,472,699	456,816	623,079,603	599,109,755	10,726,820	6,702,551	6,540,477	1,086,595,741	463,516,138	9
(5)	(5)	(5)	(5)	(5)	-------	-------	(5)	(5)	(5)	(5)	-------	(5)	(5)	10
2,207,937	5,800	278,608	1,783,974	131,944	-------	7,611	11,300,840	11,095,494	119,063	86,283	-------	16,423,479	5,122,639	11
(5)	(5)	(5)	(5)	(5)	-------	-------	(5)	(5)	(5)	(5)	-------	(5)	(5)	12
(5)	(5)	(5)	(5)	(5)	-------	-------	(5)	(5)	(5)	(5)	-------	(5)	(5)	13
(5)	(5)	(5)	(5)	(5)	-------	-------	(5)	(5)	(5)	(5)	-------	(5)	(5)	14
30,949	7,500	6,358	15,891	1,200	-------	-------	88,726	88,257	100	369	-------	146,399	57,673	15
1,179,334	10,500	113,214	625,357	247,369	15,977	166,917	1,925,375	1,858,735	45,774	20,866	-------	4,845,234	2,919,859	16
484,480	76,454	50,866	322,153	35,007	-------	-------	308,388	289,714	3,159	9,497	6,018	1,190,024	881,636	17
343,160	51,183	35,290	229,207	27,480	-------	-------	338,622	290,372	3,532	7,846	36,872	830,043	491,421	18
253,677	18,000	164,053	-------	71,624	-------	-------	363,501	5,456	-------	608	357,437	1,010,712	647,211	19
4,186,952	109,138	345,034	3,647,137	85,643	-------	-------	16,792,452	16,705,076	21,730	58,497	7,149	23,119,376	6,326,924	20
6,451,783	271,156	451,962	5,337,200	349,880	10,995	30,590	10,957,213	10,455,891	309,230	192,092	-------	22,144,267	11,187,054	21
648,175	44,600	73,755	502,325	27,495	-------	-------	350,217	129,151	160,335	59,382	1,349	1,599,864	1,249,647	22
10,573	-------	1,515	7,329	1,729	-------	-------	16,303	15,960	126	217	-------	35,211	18,908	23
(5)	(5)	(5)	(5)	(5)	-------	-------	(5)	(5)	(5)	(5)	-------	(5)	(5)	24
1,209,012	43,112	160,950	779,207	190,554	21,687	13,502	3,008,366	2,931,002	40,008	37,356	-------	5,069,653	2,061,287	25
232,373	43,268	29,359	124,977	34,769	-------	-------	573,533	569,028	1,845	2,660	-------	976,528	402,995	26
3,336,224	51,600	741,861	2,501,464	15,716	25,583	-------	7,366,773	7,161,161	120,478	85,134	-------	11,405,215	4,038,442	27
783,387	141,847	44,108	307,658	289,774	-------	-------	773,092	752,963	6,481	10,783	2,865	1,976,359	1,203,267	28
5,591,449	31,930	1,659,066	3,195,756	77,828	625,289	1,580	13,627,609	12,773,699	795,708	58,202	-------	31,410,525	17,782,916	29
(5)	(5)	(5)	(5)	(5)	-------	-------	(5)	(5)	(5)	(5)	-------	(5)	(5)	30
74,776	5,100	-------	66,621	3,055	-------	-------	72,292	70,694	1,289	309	-------	175,763	103,471	31
1,012,678	32,925	161,320	802,543	15,890	-------	-------	1,179,765	835,792	305,858	38,115	-------	3,346,273	2,166,508	32
671,678	161,560	81,603	136,099	292,416	-------	-------	1,249,865	1,236,572	7,945	5,348	-------	3,083,057	1,833,192	33
(5)	(5)	(5)	(5)	(5)	-------	-------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	34
(5)	-------	(5)	(5)	-------	(5)	-------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	35
(5)	(5)	(5)	(5)	(5)	(5)	-------	(5)	(5)	(5)	(5)	-------	(5)	(5)	36
728,154	58,289	57,764	583,432	23,934	-------	4,735	1,288,863	1,269,370	866	7,635	10,992	2,495,361	1,206,498	37
(5)	(5)	(5)	(5)	(5)	-------	-------	(5)	(5)	(5)	(5)	-------	(5)	(5)	38
274,050	-------	39,073	121,446	113,531	-------	-------	319,424	256,920	2,730	59,774	-------	1,299,239	979,815	39
570,149	72,992	52,587	391,753	47,513	5,304	-------	1,312,044	1,282,402	9,743	16,892	3,007	2,224,400	912,356	40
(5)	(5)	(5)	(5)	(5)	-------	-------	(5)	(5)	(5)	(5)	-------	(5)	(5)	41
(5)	-------	(5)	(5)	-------	-------	-------	(5)	(5)	(5)	(5)	-------	(5)	(5)	42
571,914	64,934	45,795	432,982	17,804	6,438	3,961	1,134,274	1,119,034	6,485	8,755	-------	1,843,924	709,650	43
499,325	35,460	105,768	234,377	123,720	-------	-------	4,485,081	4,379,663	52,943	52,475	-------	5,891,143	1,406,062	44
401,422	81,044	23,422	257,045	37,311	-------	2,600	1,424,167	1,395,825	470	6,077	21,795	2,086,904	662,737	45
(5)	(5)	(5)	(5)	(5)	-------	-------	(5)	(5)	(5)	(5)	-------	(5)	(5)	46
(5)	(5)	(5)	(5)	(5)	-------	-------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	47
3,342,877	526,600	454,545	1,175,591	1,152,018	29,681	4,442	5,223,154	5,154,307	30,210	38,237	400	19,373,137	14,149,983	48
(5)	(5)	(5)	(5)	(5)	-------	-------	(5)	(5)	(5)	(5)	-------	(5)	(5)	49
233,393	24,787	16,460	176,726	14,150	-------	1,270	111,533	85,915	6,898	17,476	1,244	497,755	386,222	50
230,274	20,600	29,424	171,104	9,146	-------	-------	55,594	47,508	2,675	5,411	-------	383,929	328,335	51
(5)	(5)	-------	(5)	(5)	-------	(5)	(5)	(5)	(5)	(5)	-------	(5)	(5)	52
325,321	34,016	58,274	233,031	-------	-------	-------	287,911	269,646	11,150	7,115	-------	762,365	474,454	53
(5)	(5)	(5)	(5)	-------	-------	-------	(5)	(5)	(5)	(5)	-------	(5)	(5)	54
668,022	54,356	54,334	384,134	175,198	-------	-------	900,858	878,952	1,765	12,552	7,589	1,882,406	981,548	55
1,341,189	326,136	211,356	688,091	108,606	7,000	-------	2,410,627	2,322,374	24,599	33,483	30,171	4,835,676	2,425,049	56
36,916	11,737	1,473	19,751	3,955	-------	-------	50,238	49,670	105	463	-------	98,763	48,525	57
384,381	-------	48,053	263,846	71,665	317	500	1,916,794	1,880,970	10,211	25,613	-------	2,978,803	1,062,009	58
(5)	(5)	(5)	(5)	(5)	-------	-------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	59
665,842	170,626	87,315	213,635	180,792	-------	13,474	3,594,456	3,578,679	7,916	7,861	-------	9,313,601	5,719,145	60
857,513	117,377	112,285	466,319	152,293	3,275	5,964	8,122,905	8,001,428	44,554	76,923	-------	9,756,777	1,633,872	61
234,506	24,536	38,938	134,555	36,477	-------	-------	2,250,306	2,235,803	11,079	3,424	-------	2,993,740	743,434	62
450,845	56,876	84,975	250,400	58,594	-------	-------	563,830	547,595	7,734	6,844	1,657	1,194,778	630,948	63
9,358,884	346,693	892,986	7,395,938	709,269	13,998	-------	10,649,529	10,444,881	24,768	79,405	100,475	23,925,581	13,276,052	64
(5)	(5)	(5)	(5)	-------	-------	-------	(5)	(5)	(5)	(5)	-------	(5)	(5)	65
177,897	50,354	11,109	101,536	14,898	-------	-------	227,103	221,406	2,743	2,813	141	526,516	299,413	66
5,071,202	595,475	700,543	3,278,041	494,158	2,985	-------	5,193,655	4,676,314	46,658	99,641	371,042	13,134,605	7,940,950	67
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	68
1,827,511	136,529	203,865	1,414,946	68,268	3,903	-------	1,658,487	1,385,254	156,145	95,232	21,856	4,324,535	2,666,048	69
(5)	(5)	(5)	(5)	-------	-------	-------	(5)	(5)	(5)	(5)	-------	(5)	(5)	70

TABLE 9.—GENERAL STATISTICS FOR INDUSTRIAL

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [1]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [2]	Distribution	Construction	Other
		ST. LOUIS INDUSTRIAL AREA—Continued									
1	20	Hand stamps, stencils, and brands	5	3	59	3	1	43	12		
2	14	Hardware not elsewhere classified	3		507	8	26	459	14		
3	4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	8	3	421	7	30	360	23	1	
4	4	Housefurnishings (except curtains, draperies, and bedspreads)	14	6	215	13	23	148	29	1	1
5	1	Ice cream and ices	29	16	429	29	35	186	174		5
6	1	Ice, manufactured	38	4	379	25	38	229	74		13
7	12	Industrial leather belting and packing leather [a]	5	1	52	10	9	27	6		
8	17	Industrial machinery, not elsewhere classified	12	2	634	23	109	470	32		
9	9	Insecticides, fungicides, and related industrial and household chemical compounds	22	3	270	38	35	120	75		2
10	15	Jewelry (precious metals)	11	17	159	8	22	95	33		1
11	6	Laboratory, hospital, and other professional furniture [b]	7	5	297	8	18	254	17		
12	6	Lasts and related products	5	3	221	5	28	181	6	1	
13	12	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	7		1,139	6	90	1,042	1		
14	15	Lighting fixtures	7		459	18	56	315	70		
15	8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers) [b]	31	5	1,090	63	155	695	175	2	
16	9	Lubricating oils and greases—not made in petroleum refineries	5	1	54	8	6	22	18		
17	1	Macaroni, spaghetti, vermicelli, and noodles	8	3	265	13	10	213	28		1
18	8	Machine and hand typesetting (including advertisement typesetting)	18	14	194	17	21	152	4		
19	17	Machine-shop products, not elsewhere classified	32	9	1,567	52	129	1,167	203	6	10
20	17	Machine-shop repairs	22	21	159	4	7	142	5		1
21	17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	10	7	195	11	15	156	10		3
22	17	Machine tools	3		137	5	14	115	2		1
23	1	Malt liquors	16	1	4,982	41	303	3,714	915		9
24	6	Mattresses and bedsprings	10	5	510	15	28	431	35		1
25	1	Meat packing, wholesale	40	22	8,831	63	1,028	6,201	1,443	82	14
26	4	Men's and boys' hats and caps (except felt and straw)	15	19	418	14	20	378	6		
27	4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	6		1,363	7	83	1,199	70	4	
28	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	10	7	371	8	6	349	8		
29	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	11	1	1,821	21	101	1,571	128		
30	4	Men's neckwear—made in inside factories or by jobbers engaging contractors	7	1	410	11	23	327	49		
31	17	Metalworking machinery and equipment, not elsewhere classified	4		188	7	34	112	34		1
32	4	Millinery	28	17	919	34	60	782	43		
33	13	Minerals and earths, ground or otherwise treated	6		56	3	5	45	2		1
34	13	Mirrors and other glass products made of purchased glass	13	9	175	13	17	128	17		
35	20	Miscellaneous fabricated products not elsewhere classified	8	3	178	10	13	143	12		
36	4	Miscellaneous fabricated textile products not elsewhere classified	4	2	86	3	2	59	22		
37	20	Models and patterns (except paper patterns)	20	8	281	23	14	206	38		
38	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	17	7	172	16	13	124	19		
39	18	Motor vehicles, motor-vehicle bodies, parts and accessories	17	6	4,781	22	568	3,901	288	2	
40	8	Newspapers: publishing and printing	34	23	3,007	28	650	1,391	935	3	
41	8	Newspapers: publishing without printing	10	8	50	3	39	1	7		
42	1	Nonalcoholic beverages	56	42	1,007	45	75	315	545		27
43	15	Nonferrous-metal foundries (except aluminum)	9	3	503	16	53	423	11		
44	15	Nonferrous-metal products not elsewhere classified	4	3	78	5	4	66	3		
45	17	Office and store machines not elsewhere classified	5		130	10	19	89	10		2
46	17	Oil-field machinery and tools	3		125	7	19	84	15		
47	20	Organs	3		205	8	15	123	59		
48	9	Paints, varnishes, and lacquers	34	12	875	56	123	472	217	6	1
49	7	Paper and paperboard mills	4		771	7	46	696	22		
50	7	Paper bags, except those made in paper mills	4		232	6	11	189	26		
51	7	Paperboard containers and boxes not elsewhere classified	38	6	2,814	65	203	2,427	115	3	1
52	6	Partitions, shelving, cabinet work, and office and store fixtures	17	4	1,326	36	143	1,068	77		2
53	10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	6		119	8	23	71	17		
54	9	Perfumes, cosmetics, and other toilet preparations	21	6	562	22	36	385	118		1
55	8	Periodicals: publishing and printing	15	1	550	15	142	342	50	1	
56	8	Periodicals: publishing without printing	42	6	401	42	181	8	168		2
57	8	Photoengraving, not done in printing establishments (including preparation of plates) [a]	16	2	305	32	33	199	41		
58	20	Photographic apparatus and materials and projection equipment (except lenses) [b]	6		271	10	39	170	42	10	
59	1	Pickled fruits and vegetables and vegetable sauces and seasonings	9	8	187	12	5	136	34		
60	5	Planing mills not operated in conjunction with sawmills	47	19	1,007	55	62	805	80	1	4

See footnotes at end of table.

AREAS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
ST. LOUIS INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
68,370	11,580	3,400	43,774	9,616	----------	----------	48,177	44,820	1,066	1,091	1,200	192,307	144,130	1
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	2
321,338	27,720	44,258	234,207	14,113	1,040	----------	726,978	637,562	1,587	6,695	81,134	1,165,276	438,298	3
243,071	62,953	31,453	115,720	31,152	1,200	593	702,895	694,943	3,812	4,140	----------	1,169,449	466,554	4
708,727	106,223	55,930	228,165	311,022	----------	7,387	1,922,071	1,837,252	11,801	73,018	----------	3,908,907	1,986,836	5
570,469	75,306	73,822	311,534	94,403	----------	15,404	421,095	110,760	23,184	287,151	----------	2,514,301	2,093,206	6
88,108	36,417	12,411	33,024	6,256	----------	----------	161,798	157,646	1,699	2,453	----------	335,088	173,290	7
1,144,296	151,209	187,820	756,165	49,102	----------	----------	897,509	830,830	20,817	45,645	217	3,372,082	2,474,573	8
548,342	178,462	90,433	123,350	154,433	----------	1,664	761,720	742,493	9,136	10,091	----------	2,213,333	1,451,613	9
235,513	26,866	29,843	127,642	50,626	----------	536	277,609	272,032	631	1,030	3,916	683,410	405,801	10
410,749	52,625	32,643	287,526	37,955	----------	----------	498,113	481,888	5,883	10,342	----------	1,075,789	577,676	11
330,945	29,205	58,856	224,613	16,164	2,107	----------	270,234	256,909	2,148	11,177	----------	828,268	558,034	12
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	13
671,207	110,441	117,549	303,593	139,624	----------	----------	676,677	644,895	5,938	22,810	3,034	1,838,618	1,161,941	14
1,933,657	304,041	260,160	927,400	437,138	4,918	----------	1,666,103	1,462,055	9,246	35,628	159,174	4,694,135	3,028,032	15
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	16
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	17
368,938	67,435	32,381	261,667	7,455	----------	----------	72,001	54,360	3,751	5,233	8,657	577,045	505,044	18
2,429,560	275,954	265,472	1,544,528	322,262	10,872	10,472	2,796,239	2,689,595	37,447	61,621	7,576	7,951,081	5,154,842	19
230,961	12,130	6,852	206,641	4,533	----------	805	197,061	184,025	4,393	7,502	1,141	615,648	418,587	20
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	21
143,146	12,243	21,301	105,666	2,819	----------	1,117	107,701	100,603	2,997	4,101	----------	314,321	206,620	22
10,012,011	518,259	568,394	6,955,722	1,959,579	----------	10,057	16,677,124	16,008,211	463,083	76,638	129,192	41,181,636	24,504,512	23
658,175	95,180	49,220	465,683	46,547	----------	1,545	1,184,040	1,161,189	9,373	13,478	----------	2,266,905	1,082,865	24
14,325,061	431,358	2,058,837	9,017,084	2,657,998	138,838	20,946	117,366,951	116,689,995	341,739	311,352	23,865	137,620,972	20,254,021	25
365,834	39,166	28,788	287,370	10,510	----------	----------	586,482	579,725	786	5,971	----------	1,065,783	479,301	26
1,044,951	48,305	114,287	815,473	63,431	3,455	----------	1,867,582	1,847,880	7,139	12,563	----------	3,329,504	1,461,922	27
307,695	17,163	8,007	276,057	6,468	----------	----------	91,826	82,081	691	6,540	2,514	495,238	403,412	28
2,271,836	131,446	254,496	1,682,536	203,358	----------	----------	5,057,418	4,576,484	9,119	21,275	450,540	9,355,820	4,298,402	29
457,885	65,989	28,836	254,961	108,099	----------	----------	765,462	760,820	----------	4,267	375	1,412,393	646,931	30
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	31
980,868	95,239	92,283	733,764	59,582	----------	----------	1,397,419	1,373,260	2,792	21,367	----------	3,005,658	1,608,239	32
57,069	6,375	7,846	38,999	3,249	----------	600	100,113	86,666	5,714	6,672	1,061	201,881	101,768	33
244,822	33,514	24,419	162,851	24,038	----------	----------	464,254	457,024	4,543	2,522	165	834,904	370,650	34
182,269	42,948	16,686	106,228	16,407	----------	----------	345,123	341,344	1,715	2,064	----------	687,601	342,478	35
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	36
488,911	83,632	25,631	315,302	64,346	----------	----------	90,044	78,513	4,366	6,551	614	740,836	650,792	37
208,817	31,951	18,450	132,519	25,897	----------	----------	142,958	121,460	2,568	13,995	4,935	488,710	345,752	38
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	39
6,745,637	447,735	1,501,892	3,012,646	1,779,456	3,908	----------	3,787,891	3,432,845	36,411	111,052	207,583	15,122,183	11,334,292	40
72,916	24,286	40,561	228	7,841	----------	----------	255,100	3,300	116	324	251,360	442,078	186,978	41
1,395,482	218,689	118,139	371,085	676,372	----------	11,197	2,654,618	2,596,002	22,681	35,935	----------	6,746,356	4,091,738	42
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	43
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	44
212,027	63,700	31,069	102,117	13,700	----------	1,441	564,681	554,905	2,185	3,766	3,825	1,084,247	519,566	45
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	46
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	47
1,536,054	269,949	208,161	536,138	507,473	9,947	4,386	4,817,296	4,749,078	23,876	44,342	----------	8,955,032	4,137,736	48
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	49
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	50
3,613,395	411,537	345,617	2,535,927	316,029	3,505	780	9,092,502	8,981,035	37,321	74,068	78	15,725,929	6,633,427	51
1,943,254	264,974	257,785	1,280,345	138,573	----------	1,577	2,084,144	2,026,208	19,101	37,731	1,104	4,741,771	2,657,627	52
193,648	27,998	31,797	83,163	50,690	----------	----------	371,377	354,823	11,373	5,181	----------	706,873	335,496	53
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	54
909,392	48,984	221,028	538,658	99,541	1,181	----------	522,428	451,942	6,665	17,414	46,407	1,875,194	1,352,766	55
707,237	201,370	294,478	19,486	191,003	----------	900	1,246,216	104,276	1,895	1,132	1,138,913	2,811,522	1,565,306	56
719,766	120,552	45,350	464,083	89,781	----------	----------	132,487	97,170	1,495	9,927	23,895	1,064,136	931,649	57
401,987	57,581	67,673	183,113	81,977	11,643	----------	609,961	578,838	16,584	14,539	----------	1,336,519	726,558	58
245,384	41,942	7,414	110,599	85,429	----------	----------	460,546	454,802	2,326	3,418	----------	776,429	315,883	59
1,293,622	164,838	97,746	905,099	119,789	2,550	3,600	1,781,554	1,702,395	9,391	69,083	685	3,688,235	1,906,681	60

TABLE 9. GENERAL STATISTICS FOR INDUSTRIAL

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
		ST. LOUIS INDUSTRIAL AREA—Continued									
1	1	Poultry dressing and packing, wholesale	14	13	222	2	12	176	32	.....	.....
2	14	Powder puffs and associated products	6	1	398	13	66	314	5	.....	.....
3	1	Prepared feeds (including mineral) for animals and fowls	16	2	527	18	72	356	78	.....	3
4	1	Preserves, jams, jellies, and fruit butters	3		128	7	10	101	8	2	.....
5	9	Printing ink	6	1	84	8	6	46	24	.....	.....
6	17	Printing-trades machinery and equipment	6	1	47	7	4	30	6	.....	.....
7	20	Professional and scientific instruments (except surgical and dental)	6	3	101	4	8	86	3	.....	.....
8	17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	11	4	684	11	82	557	34	.....	.....
9	4	Robes, lounging garments, and dressing gowns	3	.....	203	3	9	191	.....	.....	.....
10	10	Roofing, built-up and roll, asphalt shingles; roof coating (except paint)	5		407	5	32	285	71	14	.....
11	12	Saddlery, harness, and whips	3	3	28	.....	1	27	.....	.....	.....
12	1	Salad dressings	3	2	39	2	1	31	5	.....	.....
13	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	13	13	64	4	3	41	11	1	4
14	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	8	8	263	3	13	242	5	.....	.....
15	14	Screw-machine products and wood screws	4	1	164	5	16	138	5	.....	.....
16	15	Secondary smelting and refining of nonferrous metals, not elsewhere classified	3		488	3	57	389	21	18	.....
17	15	Sheet-metal work not specifically classified	33	11	639	43	58	482	53	.....	3
18	20	Signs, advertising displays, and advertising novelties	33	16	647	38	61	486	62	.....	.....
19	9	Soap and glycerin	7	2	507	12	99	294	26	76	.....
20	17	Special-industry machinery, not elsewhere classified	6	2	449	13	57	310	69	.....	.....
21	20	Sporting and athletic goods not elsewhere classified	8	4	451	11	33	392	15	.....	.....
22	14	Springs, steel (except wire—made in plants not operated in connection with rolling mills	3	1	179	.....	31	134	14	.....	.....
23	14	Stamped and pressed metal products (except automobile stampings)	13	5	1,084	25	67	966	26	.....	.....
24	13	Statuary and art goods (except stone and concrete)—factory production	6	6	55	7	4	42	2	.....	.....
25	14	Steam fittings, regardless of material	4	.....	419	7	43	325	44	.....	.....
26	14	Steel barrels, kegs, and drums	4	1	421	5	28	356	32	.....	.....
27	14	Steel castings	8	.....	3,647	15	412	3,119	36	47	18
28	14	Steel works and rolling mills	5	.....	3,903	6	437	3,376	54	17	13
29	17	Stokers, mechanical, domestic and industrial	5	.....	108	5	9	61	33	.....	.....
30	14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	24	3	3,251	42	257	2,404	546	.....	2
31	12	Suitcases, brief cases, bags, trunks, and other luggage	11	6	407	7	15	385	.....	.....	.....
32	20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	10	1	685	17	39	277	352	.....	.....
33	4	Textile bags—not made in textile mills	7	3	1,007	4	57	857	87	1	1
34	14	Tin cans and other tinware not elsewhere classified	6	1	625	.....	117	480	21	7	.....
35	2	Tobacco (chewing and smoking) and snuff	7	2	1,656	12	127	1,468	47	.....	2
36	14	Tools (except edge tools, machine tools, files, and saws)	4	1	187	9	18	140	20	.....	.....
37	4	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories	3	2	30	3	3	24	.....	.....	.....
38	4	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	5	4	138	3	6	124	5	.....	.....
39	4	Trousers (semidress), wash suits, and washable service apparel	15	5	1,344	18	81	1,181	61	2	1
40	6	Upholstered household furniture	10	2	360	9	28	309	13	.....	1
41	6	Venetian blinds	10	16	180	4	3	149	24	.....	.....
42	1	Vinegar and cider	3	.....	27	3	5	18	1	.....	.....
43	13	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	5	2	35	4	2	22	7	.....	.....
44	6	Window and door screens and weather strip	12	11	117	7	5	84	20	.....	1
45	14	Wirework not elsewhere classified	12	7	854	15	68	636	135	.....	.....
46	16	Wiring devices and supplies	3	.....	177	7	17	141	10	1	1
47	4	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	3	1	156	.....	10	142	4	.....	.....
48	4	Women's and misses' dresses (except house dresses)—made in contract factories	11	17	493	.....	12	481	.....	.....	.....
49	4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	51	39	2,897	47	136	2,582	127	.....	5
50	4	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	6	1	631	2	34	557	37	1	.....
51	6	Wooden boxes except cigar boxes	7	3	259	6	30	212	8	3	.....
52	6	Wood preserving	4	.....	267	1	23	234	9	.....	.....
53	6	Wood products not elsewhere classified	7	10	84	.....	7	75	2	.....	.....
54	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	6	2	551	8	17	455	71	.....	.....

See footnotes at end of table.

AREAS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
ST. LOUIS INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
132,437	7,440	17,859	85,474	21,664	----------	----------	1,646,930	1,633,278	3,201	4,908	5,543	2,126,080	479,150	1
719,365	100,125	135,001	474,473	9,766	----------	----------	1,040,225	977,596	13,783	22,922	25,924	1,935,473	895,248	2
688,362	94,790	92,713	403,643	94,464	----------	2,752	7,343,340	7,222,816	19,881	100,643	----------	11,814,054	4,470,714	3
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	4
162,268	50,613	14,507	56,098	41,050	----------	----------	339,778	329,946	3,159	6,673	----------	733,089	393,311	5
67,107	13,228	5,436	38,458	9,985	----------	----------	41,989	39,059	1,195	1,735	----------	171,282	129,293	6
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	7
1,045,109	76,652	161,793	673,721	132,943	----------	----------	2,662,218	2,629,432	17,703	15,083	----------	4,657,074	1,994,856	8
(5)	(5)	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	9
555,570	24,400	63,399	332,785	107,116	27,870	----------	1,736,347	1,689,424	41,860	5,063	----------	3,206,963	1,470,616	10
16,813	----------	836	15,977	----------	----------	----------	31,922	31,536	139	247	----------	70,422	38,500	11
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	12
86,050	8,600	4,485	52,069	17,450	409	3,037	667,525	658,881	2,785	5,859	----------	879,535	212,010	13
159,898	12,606	15,440	119,125	12,727	----------	----------	198,171	186,675	5,413	2,983	3,100	439,612	241,441	14
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	15
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	16
992,555	198,120	117,812	622,238	52,066	----------	2,319	1,559,711	1,527,761	13,025	18,902	23	3,145,028	1,585,317	17
950,006	161,675	111,675	550,285	126,371	----------	----------	1,095,032	1,049,294	11,288	16,995	17,455	2,626,952	1,531,920	18
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	19
681,585	97,518	110,423	368,490	105,154	----------	----------	515,910	491,265	10,182	14,463	----------	1,751,097	1,235,187	20
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	21
(5)	----------	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	22
1,412,088	213,765	127,475	1,015,778	55,070	----------	----------	2,006,543	1,953,966	23,948	28,629	----------	4,506,345	2,499,802	23
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	24
593,405	30,457	75,636	408,346	78,966	----------	----------	644,754	621,174	10,376	13,204	----------	1,771,404	1,126,650	25
614,316	51,200	55,682	428,123	79,311	----------	----------	1,049,140	1,020,114	10,461	18,565	----------	2,149,874	1,100,734	26
5,107,424	105,843	756,399	4,073,317	104,633	48,616	18,616	2,637,808	2,185,750	324,623	127,235	200	13,364,205	10,726,397	27
6,360,325	68,642	932,917	5,223,984	89,710	31,943	13,129	13,841,785	11,764,858	1,384,660	256,003	436,264	24,689,101	10,847,316	28
140,810	12,166	11,303	77,412	39,929	----------	----------	201,909	192,345	5,403	3,883	278	471,288	269,379	29
4,273,772	315,308	429,236	2,839,022	688,702	----------	1,504	5,734,729	5,199,930	148,273	62,838	323,688	14,298,434	8,563,705	30
(5)	(5)	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	31
557,134	86,165	41,162	253,875	175,932	----------	----------	791,937	773,467	8,583	9,787	100	1,730,193	938,256	32
1,157,196	18,600	116,940	765,249	253,987	1,040	1,380	7,479,194	7,456,128	11,744	11,322	----------	9,202,942	1,723,748	33
817,442	----------	225,650	516,663	68,061	7,068	----------	3,036,510	2,986,325	23,399	25,780	1,006	4,289,834	1,253,324	34
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	35
266,480	72,230	32,566	136,019	25,665	----------	----------	497,319	491,310	2,395	3,614	----------	870,655	373,336	36
21,205	3,120	3,591	14,494	----------	----------	----------	13,699	11,426	8	765	1,500	57,525	43,826	37
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	38
1,227,023	103,361	124,814	849,440	148,315	543	550	2,135,776	2,052,138	4,707	12,236	66,695	4,268,169	2,132,393	39
444,015	34,920	29,468	364,211	14,216	----------	1,200	857,246	848,878	1,847	6,521	----------	1,533,375	676,129	40
187,575	8,398	7,506	142,605	29,066	----------	----------	589,158	583,959	2,069	3,130	----------	935,924	346,766	41
62,023	27,216	12,254	18,193	4,360	----------	----------	125,214	122,634	371	2,209	----------	237,630	112,416	42
36,698	7,096	3,459	20,524	5,619	----------	----------	86,308	83,567	336	2,405	----------	148,294	61,986	43
167,297	36,437	7,338	88,248	34,680	----------	594	290,589	278,480	1,835	10,167	107	713,918	423,329	44
1,327,674	133,067	124,032	815,820	254,755	----------	----------	2,754,413	2,698,643	21,009	28,750	6,011	5,838,094	3,083,681	45
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	46
(5)	----------	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	47
398,421	----------	16,852	381,569	----------	----------	----------	95,097	89,737	192	5,168	----------	614,856	519,759	48
2,884,740	246,030	200,450	2,230,531	204,219	----------	3,510	4,897,981	4,228,593	3,375	31,720	634,293	9,060,254	4,162,273	49
461,687	24,800	67,996	311,753	55,427	1,711	----------	1,107,103	1,087,658	300	5,701	13,444	1,638,585	531,482	50
227,162	11,053	48,277	158,639	6,050	3,143	----------	380,236	365,068	1,903	13,265	----------	771,983	391,747	51
297,216	6,600	40,351	236,086	14,179	----------	----------	1,742,091	1,706,603	23,362	12,126	----------	2,191,565	449,474	52
72,158	----------	10,168	59,070	2,920	----------	----------	116,847	111,742	345	4,760	----------	261,999	145,152	53
687,195	91,168	38,836	388,672	168,519	----------	----------	1,742,644	1,409,119	3,685	2,731	327,109	2,830,546	1,087,902	54

TABLE 9.—GENERAL STATISTICS FOR INDUSTRIAL

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
		ST. LOUIS INDUSTRIAL AREA—Continued									
1		Other industries [6]	510	177	51,666	655	5,814	41,452	2,766	927	52
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]									
2	1	Food and kindred products	36	12	1,622	33	91	1,299	157	41	1
3	2	Tobacco manufactures	7	2	1,656	12	127	1,468	47	...	2
4	3	Textile-mill products and other fiber manufactures	25	5	2,403	32	152	1,988	231	...	...
5	4	Apparel and other finished products made from fabrics and similar materials	38	31	1,262	17	60	1,098	81	...	6
6	6	Furniture and finished lumber products	18	5	883	19	71	763	27	...	[illegible]
7	7	Paper and allied products	18	6	1,858	20	116	1,602	107	6	7
8	8	Printing, publishing, and allied industries	13	9	103	10	11	77	5	...	...
9	9	Chemicals and allied products	58	22	4,956	58	739	3,701	344	113	1
10	11	Rubber products	11	2	621	20	55	516	26	1	3
11	12	Leather and leather products	23	8	1,736	18	127	1,578	13	...	...
12	13	Stone, clay, and glass products	28	10	4,380	36	536	3,695	103	10	...
13	14	Iron and steel and their products, except machinery	48	15	4,175	72	372	3,533	194	3	1
14	15	Nonferrous metals and their products	23	10	2,357	32	224	1,990	87	21	3
15	16	Electrical machinery	43	5	8,948	104	1,097	7,158	527	49	13
16	17	Machinery (except electrical)	46	15	2,922	71	417	2,093	329	...	12
17	19	Transportation equipment except automobiles	6	...	739	10	210	501	18	...	...
18	20	Miscellaneous industries	44	14	1,683	64	166	1,290	159	4	...
	18	Automobile and automobile equipment	17	6	4,781	22	568	3,901	288	2	...
19	5	Lumber and timber basic products	2	...	4,581	5	675	3,201	23	677	...
	10	Products of petroleum and coal	6								

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.

[2] Figures do not include data for personnel of central-administrative offices.

[3] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

[6] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

AREAS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
ST. LOUIS INDUSTRIAL AREA—Continued														
Dollars 74,850,431	*Dollars* 4,202,796	*Dollars* 11,745,957	*Dollars* 51,488,360	*Dollars* 5,974,486	*Dollars* 1,382,760	*Dollars* 56,072	*Dollars* 239,417,425	*Dollars* 230,373,242	*Dollars* 4,970,506	*Dollars* 2,931,039	*Dollars* 1,142,638	*Dollars* 403,472,096	*Dollars* 164,054,671	1
2,320,736	163,317	174,352	1,504,197	405,542	71,074	2,254	12,007,242	11,623,882	188,373	194,987	----------	19,069,661	7,062,419	2
1,763,850	45,800	259,122	1,379,818	77,078	----------	2,032	12,392,987	12,323,640	63,950	5,397	----------	18,285,285	5,892,298	3
2,525,143	266,370	291,006	1,612,071	355,696	----------	----------	4,313,789	4,165,753	60,140	82,757	5,139	8,979,157	4,665,368	4
1,248,684	135,570	93,771	954,079	61,451	----------	3,813	2,604,656	2,529,501	3,281	31,205	40,669	4,347,362	1,742,706	5
877,159	51,327	85,359	703,064	34,936	----------	2,473	1,621,781	1,584,259	9,901	27,621	----------	3,859,182	2,237,401	6
2,681,985	181,025	262,492	1,945,129	276,417	8,824	8,098	5,896,793	5,520,064	304,490	72,239	----------	10,274,094	4,377,301	7
128,246	28,534	14,555	79,557	5,600	----------	----------	72,755	58,786	533	2,989	10,447	295,561	222,806	8
7,232,204	281,460	1,510,800	4,601,231	641,731	196,501	481	19,982,908	19,125,239	676,517	173,987	7,165	41,140,882	21,157,974	9
969,143	132,562	130,347	654,221	47,505	1,500	3,008	3,135,123	2,963,881	27,392	127,340	16,510	4,571,623	1,436,500	10
2,058,330	50,833	224,359	1,723,830	58,200	1,108	----------	6,328,702	6,220,888	33,280	72,240	2,294	10,066,987	3,738,285	11
6,340,691	148,342	1,047,153	4,920,941	212,410	11,845	----------	7,452,558	5,395,027	1,383,428	674,103	----------	21,289,463	13,836,905	12
5,678,763	455,006	661,722	4,131,703	424,481	5,201	650	6,407,877	5,893,810	224,958	159,308	129,801	15,854,765	9,446,888	13
3,484,385	253,416	536,721	2,472,710	175,977	42,277	3,284	22,538,270	21,196,688	537,501	213,393	590,688	27,803,280	5,265,010	14
12,825,348	1,008,114	2,045,035	8,185,336	1,450,033	119,291	17,539	21,061,695	20,542,100	136,187	283,661	99,747	46,746,727	25,685,032	15
4,855,282	490,355	740,875	2,892,176	719,436	----------	12,440	5,300,175	5,085,985	143,364	64,589	6,237	13,862,522	8,562,347	16
1,266,078	63,779	446,013	715,831	40,455	----------	----------	620,838	582,580	8,853	29,405	----------	2,076,959	1,456,121	17
2,166,103	280,311	254,606	1,365,283	261,639	4,264	----------	2,411,807	2,177,408	15,648	32,188	186,563	5,787,025	3,375,218	18
16,428,301	166,675	2,967,669	11,647,183	725,899	920,875	----------	105,267,469	103,383,751	1,152,710	683,630	47,378	149,161,561	43,894,092	19

[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[6] For numbers of establishments and of wage earners in individual industries, see table 12.

[a] and [b] To avoid disclosing exact or approximate data for individual establishments, the data for certain establishments located outside the industrial areas have been included in the figures for the industries to which these footnotes are indexed. Data for these establishments are not, however, included in the totals for the areas.
[a] 1 establishment. [b] 2 establishments.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939

[This table presents, for each city in the State having 100,000 or more inhabitants, separate figures for each industry for which it is possible to publish such figures without disclosing exclusive data for individual establishments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures are given, however, reported larger numbers of wage earners or larger values of products than some of those shown separately. No data for nonmanufacturing personnel, except salaried officers of corporations, are included in this table]

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
	CHICAGO											
	All industries, total	8,476	4,835	8,605	45,396	347,839	$53,605,261	$95,196,109	$441,404,482	$1,562,679,244	$2,842,572,053	$1,279,892,809
14	Abrasive wheels, stones, paper, cloth, and related products	17	5	19	43	465	166,523	84,576	482,741	1,544,067	3,501,449	1,957,382
17	Agricultural machinery (except tractors)	3		2	660	3,992	(4)	(4)	(4)	(4)	(4)	(4)
15	Alloying and rolling and drawing of nonferrous metals, except aluminum	12	2	8	162	597	54,179	362,148	818,860	10,183,933	13,892,161	3,708,228
15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified [5]	10	5	13	54	644	136,533	123,127	1,003,975	1,690,294	3,923,237	2,232,943
20	Artists' materials	4	6	-	4	15	-	4,415	19,896	29,809	111,815	82,006
13	Asbestos products (except steam packing and pipe and boiler covering)	5	-	10	4	102	(4)	(4)	(4)	(4)	(4)	(4)
16	Automotive electrical equipment	9	8	11	20	155	(4)	(4)	(4)	(4)	(4)	(4)
1	Baking powder, yeast, and other leavening compounds	6	-	9	174	607	(4)	(4)	(4)	(4)	(4)	(4)
16	Batteries, storage and primary (dry and wet)	15	1	26	25	196	89,460	45,751	240,335	1,316,423	2,149,392	832,969
3	Batting, padding, and wadding; upholstery filling [6]	10	5	14	34	388	58,454	61,008	379,683	1,435,274	2,495,173	1,059,899
20	Beauty-shop and barber-shop equipment [6]	14	2	20	130	619	136,256	177,568	506,662	1,668,871	3,263,047	1,594,176
4	Belts (apparel), regardless of material [6]	18	20	20	23	393	71,600	20,409	330,609	806,506	1,528,954	722,448
1	Biscuit, crackers, and pretzels	20	5	14	189	2,954	114,410	391,001	3,155,283	9,321,027	23,685,556	14,364,529
14	Blast-furnace products	4	-	-	276	1,505	-	752,675	2,175,992	40,415,927	46,707,305	6,291,378
14	Bolts, nuts, washers, and rivets made in plants not operated in connection with rolling mills	19	3	45	96	746	290,333	188,260	904,242	2,522,518	5,807,653	3,285,135
8	Bookbinding and related industries	104	68	118	261	2,949	(4)	(4)	(4)	(4)	(4)	(4)
8	Books: printing without publishing	50	17	91	372	3,229	656,032	940,217	5,077,322	5,068,526	14,950,018	9,881,492
8	Books: publishing and printing [6]	24	5	38	138	339	209,180	243,546	546,141	1,267,650	3,682,272	2,414,622
8	Books: publishing without printing	86	18	135	812	21	(4)	(4)	(4)	(4)	(4)	(4)
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	913	895	125	530	10,328	559,829	1,116,849	15,261,220	30,655,999	64,203,238	33,547,239
20	Brooms	12	17	2	5	162	9,813	4,898	159,604	302,287	541,648	239,361
20	Buttons	11	6	12	6	108	29,162	6,455	73,992	91,029	259,324	168,295
1	Candy and other confectionery products	98	41	111	698	10,650	1,111,412	1,447,344	9,959,315	47,305,956	80,382,839	33,076,883
1	Canned and dried fruits and vegetables (including canned soups)	8	-	11	187	1,907	(4)	(4)	(4)	(4)	(4)	(4)
4	Canvas products (except bags)	15	6	22	25	240	93,911	38,810	217,824	658,612	1,272,274	613,662
3	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	3		5	3	53	22,013	4,049	47,011	124,677	247,633	122,956
19	Cars and car equipment—railroad, street, and rapid-transit	9		3	847	4,328	(4)	(4)	(4)	(4)	(4)	(4)
17	Cars and trucks, industrial [6]	5	-	9	115	380	56,500	194,388	489,637	1,283,818	3,020,825	1,737,007
6	Caskets, coffins, burial cases, and other morticians' goods	32	16	31	135	1,295	(4)	(4)	(4)	(4)	(4)	(4)
9	Chemicals not elsewhere classified	13	-	15	35	283	87,408	82,914	376,359	2,866,775	5,540,723	2,673,948
4	Children's dresses—made in inside factories or by jobbers engaging contractors	4	3	3	6	136	11,800	8,030	90,140	194,172	338,979	144,807
20	Children's vehicles	5	-	11	23	406	100,120	70,766	454,373	1,367,753	2,670,306	1,302,553
1	Chocolate and cocoa products	3		-	14	142	-	(4)	(4)	(4)	(4)	(4)
2	Cigars	35	41	3	7	216	3,900	7,811	177,470	238,571	561,541	322,970
9	Cleaning and polishing preparations, blackings, and dressings	65	25	60	99	642	(4)	(4)	(4)	(4)	(4)	(4)
4	Clothing, leather and sheep-lined [6]	8	13	-	8	205	-	7,109	259,113	741,384	1,220,352	478,968
3	Cloth sponging and miscellaneous special finishing	8	2	7	30	346	(4)	(4)	(4)	(4)	(4)	(4)
7	Coated and glazed paper	8	-	20	60	508	178,465	127,042	670,431	5,401,923	7,644,280	2,242,357
4	Coats, suits, and skirts (except fur coats)—made in contract factories	10	13	1	1	193	1,072	2,000	202,215	12,982	271,618	258,636
4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	62	34	81	92	1,769	335,369	172,465	2,268,086	5,835,262	10,812,164	4,976,902
16	Communication equipment	34	9	92	1,180	4,904	(4)	(4)	(4)	(4)	(4)	(4)
9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	11	-	5	15	149	(4)	(4)	(4)	(4)	(4)	(4)
13	Concrete products	25	11	16	21	199	49,321	42,381	269,156	456,898	1,454,543	997,645
1	Condensed and evaporated milk	5	1	1	11	29	(4)	(4)	(4)	(4)	(4)	(4)
17	Construction and similar machinery (except mining and oil-field machinery and tools)	9	1	19	70	276	126,248	187,276	453,939	1,592,574	3,407,768	1,815,194

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
		CHICAGO—Continued										
7	Converted paper products not elsewhere classified	26	18	31	92	1,326	$241,941	$212,770	$1,373,520	$4,366,313	$12,324,419	$7,958,106
6	Cooperage	11	4	18	31	490	(4)	(4)	(4)	(4)	(4)	(4)
4	Corsets and allied garments	14	7	22	116	1,350	227,861	168,068	1,288,123	2,887,539	6,820,376	3,932,837
20	Costume jewelry and costume novelties (jewelry other than fine jewelry)	9	7	11	27	274	48,800	38,171	189,457	575,976	1,183,642	607,666
3	Cotton broad woven goods	3	2	3	13	197	15,750	30,324	173,270	593,256	1,146,799	553,543
1	Creamery butter [b]	12	4	9	29	94	39,380	59,343	133,049	2,747,969	3,384,784	636,815
1	Cured fish	5	------	5	5	58	18,700	6,617	65,129	611,660	793,224	181,564
4	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	27	20	19	45	675	127,703	83,416	435,637	2,249,027	3,272,900	1,023,873
14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	8	4	10	1	82	27,203	1,591	119,225	122,798	369,283	246,485
14	Doors, window sash, frames, molding, and trim (made of metal)	15	5	25	32	312	159,436	60,370	395,624	964,224	2,234,790	1,270,566
4	Dress and semidress gloves and mittens: cloth, cloth and leather combined	3	1	4	29	512	(4)	(4)	(4)	(4)	(4)	(4)
9	Drugs and medicines (including drug grinding)	63	19	88	186	650	(4)	(4)	(4)	(4)	(4)	(4)
3	Dyeing and finishing cotton, rayon, silk, and linen textiles [a]	6	------	17	15	237	123,385	44,381	232,860	355,829	967,345	611,516
16	Electrical appliances	19	------	36	749	3,332	290,230	1,837,174	4,821,908	10,649,299	25,365,473	14,716,174
16	Electrical measuring instruments	9	4	7	45	229	(4)	(4)	(4)	(4)	(4)	(4)
16	Electrical products not elsewhere classified	19	4	30	77	539	228,983	157,308	562,583	1,449,552	3,316,541	1,866,989
15	Electroplating, plating, and polishing	73	92	43	88	1,451	249,348	188,453	1,772,727	1,173,920	5,092,009	3,918,089
17	Elevators, escalators, and conveyors	13	3	24	95	814	(4)	(4)	(4)	(4)	(4)	(4)
4	Embroideries, other than Schiffli-machine products—contract factories	16	19	12	4	193	42,693	4,726	129,772	62,931	357,138	294,207
4	Embroideries, other than Schiffli-machine products—made in regular factories or by jobbers engaging contractors	4	7	------	6	74	------	6,000	59,487	70,704	186,139	115,435
4	Embroideries: Schiffli-machine products	8	2	11	13	226	86,630	20,982	186,279	275,684	764,955	489,271
14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware) [a]	28	6	37	117	870	226,587	192,996	1,186,097	2,428,871	5,894,804	3,465,933
14	Enameling, japanning, and lacquering	15	12	12	21	280	61,343	36,456	260,421	271,524	823,208	551,684
15	Engraving on metal (except for printing purposes)	12	7	16	36	245	114,867	68,413	293,789	270,585	1,068,722	798,137
20	Fabricated plastic products, not elsewhere classified	21	13	32	131	1,140	(4)	(4)	(4)	(4)	(4)	(4)
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	66	22	85	236	1,436	353,990	477,272	1,990,719	6,914,755	11,950,641	5,035,886
1	Flour and other grain-mill products [b]	8	1	9	56	360	46,231	154,813	505,956	8,363,911	11,177,536	2,813,625
1	Food preparations, not elsewhere classified	72	47	92	165	1,142	553,101	303,133	1,014,267	11,586,693	17,496,087	5,909,394
17	Food-products machinery	29	9	56	230	1,790	316,780	495,472	2,648,892	4,853,678	12,534,397	7,680,719
12	Footwear (except rubber) [b]	33	13	49	338	4,405	228,637	590,840	4,320,342	8,136,164	18,543,007	10,406,843
14	Forgings, iron and steel—made in plants not operated in connection with rolling mills	12	3	14	125	1,041	128,662	312,750	1,690,933	4,756,859	8,551,094	3,794,235
4	Fur coats and other fur garments, accessories, and trimmings [a]	94	96	61	37	423	229,925	76,416	656,864	2,640,802	4,492,731	1,851,929
20	Furs, dressed and dyed	3	------	6	6	93	38,588	9,616	97,883	228,228	484,272	256,044
14	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	7	2	8	14	147	(4)	(4)	(4)	(4)	(4)	(4)
20	Games and toys (except dolls and children's vehicles)	24	25	24	155	1866	(4)	(4)	(4)	(4)	(4)	(4)
8	General commercial (job) printing	659	519	498	1,763	15,023	2,757,099	3,897,942	23,588,579	30,564,515	83,190,180	52,625,665
16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	46	15	72	307	1,995	362,738	659,212	2,253,376	4,692,277	11,558,938	6,866,661
9	Glue and gelatin	12	7	10	33	326	54,945	70,836	414,116	2,750,606	4,221,740	1,471,134
8	Gravure, rotogravure, and rotary photogravure (including preparation of plates)	5	1	8	119	1,249	85,160	311,013	2,538,880	3,077,748	8,323,669	5,245,921
14	Gray-iron and semisteel castings	30	3	39	158	1,994	215,488	329,292	2,475,518	4,894,421	10,358,242	5,463,821
9	Grease and tallow (except lubricating greases)	3	------	1	21	364	(4)	(4)	(4)	(4)	(4)	
8	Greeting cards (except hand-painted) [a]	14	4	21	188	797	272,313	234,290	790,580	1,638,513	5,342,257	3,703,744
20	Hair work	5	3	6	4	51	57,200	6,891	40,926	398,342	542,300	143,958
4	Handkerchiefs—made in inside factories or by jobbers engaging contractors	4	1	6	15	323	(4)	(4)	(4)	(4)	(4)	( )
20	Hand stamps, stencils, and brands [b]	30	15	32	69	446	161,258	113,997	500,841	597,568	1,990,159	1,392,

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [1]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
		CHICAGO—Continued										
14	Hardware not elsewhere classified	45	8	87	208	1,424	$590,490	$447,352	$1,685,979	$4,022,689	$9,855,531	$5,832,842
4	Housefurnishings (except curtains, draperies, and bedspreads) [a]	44	27	40	74	1,236	240,003	115,584	846,711	7,120,873	10,213,253	3,092,380
6	Household furniture, except upholstered	93	32	162	303	4,175	912,779	552,987	4,365,002	8,201,209	18,261,964	10,060,755
1	Ice cream and ices	29	10	36	91	481	241,588	200,544	545,407	4,864,155	11,480,244	6,616,089
1	Ice, manufactured	56	1	12	68	389	57,675	158,310	543,461	658,123	3,371,749	2,713,626
12	Industrial leather belting and packing leather	9	2	6	21	240	47,279	47,054	275,616	1,521,320	2,914,362	1,393,042
17	Industrial machinery, not elsewhere classified	38	14	59	168	754	438,237	361,758	1,204,686	2,254,691	6,102,626	3,847,935
9	Insecticides, fungicides, and related industrial and household chemical compounds	55	20	41	117	426	(4)	(4)	(4)	(4)	(4)	(4)
20	Jewelry cases and instrument cases	11	12	8	60	545	89,400	128,220	551,684	722,391	2,014,666	1,292,275
15	Jewelry (precious metals) [a]	48	26	58	48	584	207,938	82,852	747,254	1,939,360	3,612,007	1,672,647
3	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	14	5	22	29	490	73,195	46,084	388,927	1,055,489	1,850,779	795,290
20	Lampshades	18	21	6	35	821	35,500	46,508	478,628	1,269,119	2,378,994	1,109,875
15	Lapidary work	6	4	5	.....	12	12,912	.....	18,971	19,710	66,830	47,120
12	Leather gloves and mittens	12	8	12	17	452	51,847	24,621	357,434	732,120	1,363,995	631,875
15	Lighting fixtures	87	41	108	297	3,203	(4)	(4)	(4)	(4)	(4)	(4)
9	Lubricating oils and greases—not made in petroleum refineries	8	1	11	20	48	57,400	37,325	67,926	791,859	1,630,427	838,568
1	Macaroni, spaghetti, vermicelli, and noodles	22	25	18	42	506	74,383	58,941	469,171	2,483,488	4,068,228	1,584,740
8	Machine and hand typesetting (including advertisement typesetting)	68	47	60	122	931	287,560	206,721	1,797,282	438,859	3,874,911	3,436,052
17	Machine-shop products, not elsewhere classified	151	74	158	692	4,196	886,443	1,427,028	5,857,514	13,756,806	30,813,065	17,056,259
17	Machine-shop repairs	31	18	22	31	284	49,381	56,975	516,769	222,059	1,070,228	848,169
17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	72	50	78	199	2,198	433,814	449,156	3,398,371	3,307,969	10,762,331	7,454,362
17	Machine tools [a]	7	1	16	32	291	106,757	84,709	345,156	1,210,326	2,355,342	1,145,016
1	Malt liquors	25	.....	61	164	1,235	519,432	474,966	2,215,840	5,474,818	17,929,619	12,454,801
6	Matches	4	2	3	24	160	27,300	49,984	151,581	550,673	1,237,655	686,982
6	Mattresses and bedsprings [b]	42	30	39	203	2,190	253,319	385,403	1,992,265	6,338,882	11,768,460	5,429,578
1	Meat packing, wholesale	44	9	92	2,569	19,149	(4)	(4)	(4)	(4)	(4)	(4)
17	Mechanical power-transmission equipment	22	5	36	181	1,435	350,832	380,542	2,082,635	3,213,589	8,377,593	5,164,004
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	106	139	21	26	1,688	52,794	30,360	1,380,179	383,771	2,514,462	2,130,691
4	Men's neckwear—made in inside factories or by jobbers engaging contractors [a]	28	23	15	33	606	56,711	46,227	390,378	1,097,042	2,029,039	931,997
17	Metalworking machinery and equipment, not elsewhere classified	18	3	30	177	839	242,184	377,233	1,385,653	2,201,599	5,663,208	3,461,609
4	Millinery	76	42	91	175	2,914	387,833	288,985	2,572,132	3,820,046	8,921,989	5,101,943
13	Minerals and earths, ground or otherwise treated	3	.....	5	8	61	(4)	(4)	(4)	(4)	(4)	(4)
6	Mirror frames and picture frames [a]	38	18	49	111	1,538	284,768	176,286	1,379,859	2,359,751	5,702,249	3,342,498
20	Miscellaneous fabricated products not elsewhere classified	47	29	45	255	1,806	227,262	468,246	1,711,491	3,101,201	7,229,682	4,128,481
20	Models and patterns (except paper patterns)	45	62	14	13	294	41,877	21,842	477,317	234,460	1,215,660	981,200
13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	31	13	33	37	231	82,093	69,540	302,736	643,597	1,464,702	821,105
18	Motor vehicles, motor-vehicle bodies, parts and accessories	75	28	101	475	4,498	526,882	843,180	5,939,769	50,343,023	67,765,352	17,422,329
9	Mucilage, paste, and other adhesives, except glue and rubber cement [a]	5	3	2	8	12	9,600	19,995	16,217	147,858	270,153	122,295
20	Musical instruments, parts, and materials not elsewhere classified	22	18	26	66	627	115,926	123,893	659,769	904,822	2,334,810	1,429,988
8	Newspapers: publishing and printing	39	6	66	1,902	4,295	694,955	5,639,327	10,162,043	19,247,858	57,359,998	38,112,140
8	Newspapers: publishing without printing	23	11	16	82	13	63,188	83,503	17,559	309,848	690,787	380,939
1	Nonalcoholic beverages	81	59	89	86	776	371,658	155,688	609,055	4,771,522	11,096,685	6,325,163
15	Nonferrous-metal foundries (except aluminum)	37	26	37	65	954	163,317	128,142	1,102,451	2,136,026	4,425,381	2,289,355
15	Nonferrous-metal products not elsewhere classified	48	18	61	273	2,190	(4)	(4)	(4)	(4)	(4)	(4)
6	Office furniture	17	13	18	63	726	88,627	106,610	743,705	1,038,445	2,965,678	1,927,233

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
		CHICAGO—Continued										
20	Ophthalmic goods: lenses and fittings	4	3	5	16	119	$38,160	$19,942	$113,199	$305,437	$779,836	$474,399
10	Oven coke and coke-oven byproducts	3	-------	-------	123	595	-------	364,216	959,290	7,457,960	9,621,889	2,163,929
9	Paints, varnishes, and lacquers	86	21	111	790	3,024	962,801	1,666,576	4,561,699	36,586,590	61,433,106	24,846,516
7	Paper bags, except those made in paper mills	9	2	12	83	843	100,742	153,310	913,387	3,496,700	5,833,900	2,337,200
7	Paperboard containers and boxes not elsewhere classified	100	43	133	460	4,936	957,212	829,294	4,957,152	17,442,183	30,582,640	13,140,457
6	Partitions, shelving, cabinet work, and office and store fixtures	54	30	79	86	1,387	(4)	(4)	(4)	(4)	(4)	(4)
10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	6	-------	7	12	108	76,500	24,411	134,787	515,895	1,029,281	513,386
20	Pens, mechanical pencils, and pen points [a]	7	3	11	78	706	133,736	128,437	619,019	1,039,720	3,089,662	2,049,942
9	Perfumes, cosmetics, and other toilet preparations	61	29	52	95	731	(4)	(4)	(4)	(4)	(4)	(4)
8	Periodicals: publishing and printing	32	3	38	722	2,090	377,918	1,733,528	3,702,616	4,599,447	16,558,183	11,958,736
8	Periodicals: publishing without printing	262	59	293	1,669	45	1,604,710	2,944,699	77,081	10,048,142	25,494,047	15,445,905
8	Photoengraving, not done in printing establishments (including preparation of plates)	48	21	79	246	1,650	515,700	559,137	3,868,804	1,108,789	8,843,883	7,735,094
20	Photographic apparatus and materials and projection equipment (except lenses) [b]	33	19	43	267	1,483	275,440	536,650	1,983,796	5,156,625	11,140,834	5,984,209
20	Pianos	4	1	2	90	1,081	(4)	(4)	(4)	(4)	(4)	(4)
1	Pickled fruits and vegetables and vegetable sauces and seasonings	24	13	29	31	656	(4)	(4)	(4)	(4)	(4)	(4)
5	Planing mills not operated in conjunction with sawmills	76	41	72	107	1,519	280,657	204,884	2,068,751	4,244,912	8,442,545	4,197,633
1	Poultry dressing and packing, wholesale	3	6	-------	4	19	-------	4,805	16,527	247,774	294,870	47,096
14	Power boilers and associated products	24	13	30	120	741	173,138	300,652	1,204,700	3,751,805	6,550,026	2,798,221
1	Prepared feeds (including mineral) for animals and fowls	10	3	6	19	190	107,506	39,817	219,526	3,966,837	5,795,324	1,828,487
9	Printing ink [a]	38	10	23	156	543	156,365	430,311	725,142	6,212,397	11,546,255	5,333,858
17	Printing-trades machinery and equipment [b]	48	28	45	358	1,971	277,283	775,498	3,248,930	3,687,809	13,003,317	9,315,508
3	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	4	4	2	9	60	6,600	16,590	59,010	443,690	688,379	244,689
20	Professional and scientific instruments (except surgical and dental) [a]	23	5	38	128	742	202,411	245,490	950,626	1,299,524	3,874,096	2,574,572
17	Pumping equipment and air compressors	16	-------	31	119	800	(4)	(4)	(4)	(4)	(4)	(4)
16	Radios, radio tubes, and phonographs	36	9	67	1,073	9,316	651,312	2,155,565	9,128,948	44,204,772	69,447,749	25,242,977
4	Raincoats and other waterproof garments (except oiled cotton) [b]	7	7	4	12	219	16,737	25,829	127,318	115,375	360,312	244,937
6	Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets	4	5	3	-------	25	5,460	-------	16,815	45,788	103,112	57,324
4	Robes, lounging garments, and dressing gowns	6	6	7	1	156	13,320	1,360	128,854	405,037	707,922	302,885
10	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	8	2	2	47	452	(4)	(4)	(4)	(4)	(4)	(4)
11	Rubber products not elsewhere classified	27	8	30	174	1,997	185,880	313,235	2,055,366	3,610,030	7,740,205	4,130,175
1	Salad dressings	6	3	5	21	206	(4)	(4)	(4)	(4)	(4)	(4)
1	Sausage casings—not made in meat-packing establishments	10	-------	11	35	551	73,789	64,789	481,874	2,158,806	3,265,044	1,106,238
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	71	38	69	150	1,632	346,155	364,240	2,037,587	21,259,280	26,991,263	5,731,983
14	Saws	10	9	10	35	112	42,705	37,912	154,916	199,416	606,641	407,225
17	Scales and balances	10	2	17	36	359	106,531	71,982	383,533	561,574	1,609,857	1,048,283
14	Screw-machine products and wood screws [a]	48	31	52	300	2,535	490,864	645,000	3,516,546	5,026,595	13,926,210	8,899,615
15	Secondary smelting and refining of nonferrous metals, not elsewhere classified	15	8	18	94	603	157,486	238,961	710,835	16,104,540	19,374,255	3,269,715
17	Sewing machines, domestic and industrial	3	-------	5	134	392	(4)	(4)	(4)	(4)	(4)	(4)
15	Sheet-metal work not specifically classified	78	45	81	114	1,388	498,388	244,231	1,817,267	3,760,943	8,458,010	4,697,067
19	Shipbuilding and ship repairing [a]	5	2	8	17	215	36,345	40,439	327,800	288,283	871,511	583,228
20	Signs, advertising displays, and advertising novelties	96	50	125	297	2,215	754,217	525,604	2,527,434	4,416,977	11,610,992	7,194,015
12	Small leather goods	5	3	3	8	67	15,735	9,107	51,267	138,225	297,406	159,181
9	Soap and glycerin	24	5	27	355	1,313	(4)	(4)	(4)	(4)	(4)	(4)
20	Soda fountains, beer dispensing equipment, and related products	3	-------	2	139	674	(4)	(4)	(4)	(4)	(4)	(4)
9	Soybean oil, cake, and meal	4	-------	-------	67	244	-------	135,226	376,744	6,012,937	8,216,410	2,203,473

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Group	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
	CHICAGO—Continued											
1	Specialty products	3	1	1	6	46	(4)	(4)	(4)	(4)	(4)	(4)
17	Special-industry machinery, not elsewhere classified [5]	10	5	16	18	129	$72,754	$39,556	$187,139	$273,309	$805,709	$532,400
20	Sporting and athletic goods not elsewhere classified	30	13	37	160	1,818	245,143	285,132	2,186,333	4,816,195	10,187,759	5,371,564
14	Springs, steel (except wire) made in plants not operated in connection with rolling mills	4	.	8	23	333	58,138	39,427	394,851	1,286,991	2,834,394	1,547,403
14	Stamped and pressed metal products (except automobile stampings) [6]	80	35	99	294	3,163	648,370	612,946	3,563,769	8,897,706	19,301,073	10,403,367
13	Statuary and art goods (except stone and concrete) factory production	19	32	8	18	157	18,885	42,056	183,119	181,140	554,741	373,601
13	Steam and other packing, pipe and boiler covering [5]	16	5	25	127	1,186	238,581	260,181	1,291,380	3,298,546	7,019,474	3,720,928
14	Steam fittings, regardless of material	26	5	43	1,585	6,987	(4)	(4)	(4)	(4)	(4)	(4)
14	Steel barrels, kegs, and drums	3	.	7	15	226	(4)	(4)	(4)	(4)	(4)	(4)
14	Steel castings	5		16	152	1,116	126,936	335,131	1,727,953	1,722,219	5,570,028	3,847,809
14	Steel works and rolling mills	6		2	1,632	13,582	81,500	4,514,471	21,676,063	70,999,994	105,803,489	34,803,495
14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	10	5	16	44	642	60,505	113,458	934,891	2,010,059	3,636,689	1,626,630
12	Suitcases, brief cases, bags, trunks, and other luggage	45	33	61	62	1,152	256,948	101,510	1,177,259	3,026,243	5,508,811	2,482,568
20	Surgical and medical instruments	9	2	18	21	143	109,406	31,730	162,049	173,043	651,458	478,415
20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	27	13	28	318	1,257	(4)	(4)	(4)	(4)	(4)	(4)
9	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	4		6	2	18	13,670	2,662	25,186	165,087	384,901	219,814
4	Textile bags—not made in textile mills [5]	16	7	19	37	523	137,082	61,578	441,396	3,628,380	4,819,319	1,190,939
14	Tin cans and other tinware not elsewhere classified	20	..	15	619	4,242	85,523	1,254,277	5,053,601	26,491,934	45,915,262	19,423,328
14	Tools (except edge tools, machine tools, files, and saws)	40	20	48	182	1,435	374,872	360,976	1,745,821	3,290,015	8,622,565	5,332,550
4	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories	16	11	11	5	232	73,010	10,834	215,094	47,137	499,781	452,644
4	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors [5]	13	10	9	36	300	95,769	69,662	225,811	1,465,903	2,248,922	783,019
4	Trousers (semidress), wash suits, and washable service apparel	12	13	15	22	404	(4)	(4)	(4)	(4)	(4)	(4)
20	Umbrellas, parasols, and canes	3	4		2	29		1,300	10,758	62,330	91,947	29,617
6	Upholstered household furniture	41	19	45	118	1,850	(4)	(4)	(4)	(4)	(4)	(4)
6	Venetian blinds	16	12	12	37	385	57,672	48,403	374,021	1,155,643	2,106,791	951,148
13	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	9	2	3	45	348	8,574	52,092	433,280	962,584	2,094,356	1,131,772
6	Window and door screens and weather strip	20	7	27	55	231	108,760	76,423	238,492	963,801	1,929,522	965,721
6	Window shades	31	22	13	28	727	(4)	(4)	(4)	(4)	(4)	(4)
14	Wire drawn from purchased rods [5]	6	..	6	181	1,857	58,460	361,321	1,908,293	5,231,747	10,249,023	5,017,276
14	Wirework not elsewhere classified	57	48	61	218	2,253	401,264	442,613	2,274,846	5,082,228	11,294,078	6,211,850
16	Wiring devices and supplies	18	7	28	141	1,737	224,253	335,186	2,128,931	5,094,392	11,827,371	6,732,979
4	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors	12	16	6	20	417	12,210	31,213	285,197	546,385	1,167,817	621,432
4	Women's and misses' clothing not elsewhere classified—made in inside factories or by jobbers engaging contractors [5]	9	3	12	12	240	42,179	12,367	178,882	467,112	862,309	395,197
4	Women's and misses' dresses (except house dresses)—made in contract factories [5]	32	41	1	5	776	3,990	4,366	639,469	70,818	963,476	892,658
4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	97	78	101	227	5,649	562,900	538,305	5,455,742	12,148,422	24,402,387	12,253,965
4	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics	5	2	6	2	130	(4)	(4)	(4)	(4)	(4)	(4)
4	Women's, children's, and infants' underwear and nightwear of knitted fabrics	10	7	4	17	793	53,962	31,568	594,601	2,198,861	3,774,215	1,575,354
4	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics [5]	11	6	9	25	585	75,010	47,985	400,086	1,291,140	2,052,642	761,502
12	Women's pocketbooks, handbags, and purses	6	3	11	3	303	28,289	4,570	274,906	488,700	1,010,648	521,948
6	Wooden boxes except cigar boxes [7]	24	13	12	92	1,196	36,607	133,610	1,129,010	2,210,042	4,522,654	2,312,612

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
	CHICAGO—Continued											
6	Wood products not elsewhere classified	42	25	42	37	577	$138,280	$50,639	$584,596	$891,482	$2,172,785	$1,281,303
17	Woodworking machinery	8	2	13	36	225	74,447	76,056	319,850	609,572	2,125,114	1,515,542
4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified [6]	26	20	25	47	1,026	108,525	71,070	779,176	1,918,536	3,521,597	1,603,061
16	X-ray and therapeutic apparatus and electronic tubes	14	8	21	236	851	151,157	478,715	1,161,881	1,900,773	8,953,788	7,053,015
	Other industries [5]	2,068	830	2,536	17,884	126,942	16,843,911	36,022,455	161,899,627	701,317,971	1,186,542,033	485,224,062
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	199	43	265	3,437	25,710	1,863,357	7,367,572	36,334,231	392,711,743	531,034,307	138,322,564
3	Textile-mill products and other fiber manufactures	40	5	50	380	4,015	487,704	805,829	4,055,921	14,146,788	27,975,555	13,828,767
4	Apparel and other finished products made from fabrics and similar materials	234	151	225	991	16,093	1,132,351	1,834,693	16,111,672	35,646,582	69,559,886	33,913,304
5	Lumber and timber basic products	3	-------	5	5	24	22,800	10,140	25,824	60,401	195,343	134,942
6	Furniture and finished lumber products	191	102	214	449	6,254	989,736	909,066	7,407,686	16,270,464	33,059,197	16,788,733
7	Paper and allied products	38	9	51	319	2,906	410,133	702,801	3,517,071	9,341,116	20,209,311	10,868,195
8	Printing, publishing, and allied industries	347	136	509	1,805	8,106	3,260,657	3,324,409	11,040,556	21,864,279	63,598,472	41,734,193
9	Chemicals and allied products	300	102	290	1,024	4,816	1,949,888	1,986,001	5,840,201	38,975,911	77,053,437	38,077,526
12	Leather and leather products	49	21	64	260	3,271	519,282	575,046	4,478,586	17,221,792	26,197,263	8,975,471
13	Stone, clay, and glass products	69	31	74	168	2,158	423,254	289,925	2,312,619	4,052,461	9,616,039	5,563,578
14	Iron and steel and their products, except machinery	74	20	112	1,791	9,148	776,814	3,444,448	13,765,303	19,134,589	49,342,589	30,208,000
15	Nonferrous metals and their products	154	66	182	634	6,192	1,290,763	1,244,727	7,279,930	18,641,795	37,862,896	19,221,101
16	Electrical machinery	60	21	126	1,257	5,719	955,614	2,394,626	6,465,834	8,527,192	25,426,337	16,899,145
17	Machinery (except electrical)	121	16	202	3,269	18,300	1,515,016	6,960,572	26,652,803	53,590,284	116,037,722	62,447,438
19	Transportation equipment except automobiles	18	4	11	919	4,985	77,007	1,958,143	6,788,475	17,276,802	28,678,913	11,402,111
20	Miscellaneous industries	154	94	150	1,009	7,867	1,139,702	1,836,416	8,055,502	16,308,493	41,057,910	24,749,417
2	Tobacco manufactures	3	1	-------	82	552						
10	Products of petroleum and coal	8	2	2	47	452	29,833	378,041	1,767,413	17,547,279	29,636,856	12,089,577
11	Rubber products	1										
18	Automobiles and automobile equipment	5	6	4	38	374						
	PEORIA											
	All industries, total	197	108	158	979	6,566	695,817	1,689,525	8,310,353	36,112,315	66,143,574	30,031,259
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	25	33	7	34	377	11,775	52,659	490,392	911,439	2,116,920	1,205,481
1	Candy and other confectionery products	3	2	-------	-------	11	-------	-------	(4)	(4)	(4)	(4)
13	Concrete products	5	1	3	7	38	7,100	10,125	48,972	140,986	283,278	142,292
1	Creamery butter	3	2	2	26	78	(4)	(4)	(4)	(4)	(4)	(4)
8	General commercial (job) printing	14	16	8	23	172	25,057	38,672	235,584	524,767	1,010,800	486,033
1	Ice cream and ices	3	-------	2	14	24	(4)	(4)	(4)	(4)	(4)	(4)
1	Ice, manufactured	3	-------	-------	1	21	-------	(4)	(4)	(4)	(4)	(4)
1	Liquors, rectified or blended	3	-------	1	23	221	(4)	(4)	(4)	(4)	(4)	(4)
8	Machine and hand typesetting (including advertisement typesetting)	4	9	-------	4	10	-------	3,228	14,542	8,283	57,105	48,822
17	Machine-shop products, not elsewhere classified	3	2	3	6	40	(4)	(4)	(4)	(4)	(4)	(4)
1	Malt liquors	3	-------	2	9	139	(4)	(4)	(4)	(4)	(4)	(4)
6	Mattresses and bedsprings	4	5	-------	4	24	-------	8,054	25,597	74,366	137,226	62,860
1	Meat packing, wholesale	5	1	4	66	393	37,807	116,702	482,885	6,645,240	7,567,642	922,402
8	Newspapers: publishing and printing	3	1	3	203	226	(4)	(4)	(4)	(4)	(4)	(4)
1	Nonalcoholic beverages	7	1	4	9	41	(4)	(4)	(4)	(4)	(4)	(4)
8	Periodicals: publishing and printing	3	2	1	9	24	2,728	14,403	22,837	19,963	82,746	62,783
8	Periodicals: publishing without printing	4	2	4	17	6	12,670	17,753	5,294	37,288	141,654	104,366
5	Planing mills not operated in conjunction with sawmills	7	4	10	23	118	24,691	26,066	155,537	339,238	754,080	414,842
1	Poultry dressing and packing, wholesale	3	3	2	1	5	(4)	(4)	(4)	(4)	(4)	(4)
1	Prepared feeds (including mineral) for animals and fowls	3	2	-------	5	8	-------	(4)	(4)	(4)	(4)	(4)
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	4	1	3	8	40	6,178	14,470	33,010	590,306	666,027	75,721
15	Sheet-metal work not specifically classified	5	-------	9	15	108	35,025	21,136	161,604	1,471,131	2,228,214	757,083

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
		PEORIA—Continued										
	Other industries [5]	117	34	109	769	5,256	$532,786	$1,366,257	$6,634,099	$25,349,308	$51,097,882	$25,748,574
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	43	13	17	207	1,359	85,596	400,744	1,649,201	10,222,356	19,677,966	9,455,610
4	Apparel and other finished products made from fabrics and similar materials	6	...	8	31	573	35,540	42,157	360,366	918,570	1,648,728	730,158
6	Furniture and finished lumber products	6	3	10	13	205	40,961	25,390	182,446	596,958	939,253	342,295
8	Printing, publishing, and allied industries	10	3	13	231	417	70,026	274,221	713,836	717,006	2,798,164	2,081,158
14	Iron and steel and their products, except machinery	10	2	19	60	502	80,591	116,885	543,333	1,368,019	2,695,835	1,327,816
16	Electrical machinery	4	2	3	5	39	10,650	4,440	43,173	72,760	191,904	119,144
17	Machinery (except electrical)	10	3	15	111	990	81,592	248,124	1,629,667	3,701,271	9,111,452	5,416,181
20	Miscellaneous industries	6	2	4	11	92	29,180	24,261	90,988	264,275	579,507	315,232
7	Paper and allied products	4	4	2	22	328						
9	Chemicals and allied products	9	...	7	56	557						
2	Tobacco manufactures	1										
3	Textile-mill products and other fiber manufactures	1										
10	Products of petroleum and coal	1					98,650	230,035	1,421,089	7,488,093	13,455,073	5,966,980
12	Leather and leather products	2	2	11	22	194						
13	Stone, clay, and glass products	1										
15	Nonferrous metals and their products	2										
18	Automobiles and automobile equipment	1										

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] Figures do not include data for personnel of central administrative offices.

[2] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

[4] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.

[5] For numbers of establishments and of wage earners in individual industries, see table 12.

[a], [b], [c], and [d] To avoid disclosing exact or approximate data for individual establishments, the data for certain establishments located outside Chicago have been included in the figures for the industries to which these footnotes are indexed. Data for these establishments are not, however, included in the totals for the city.

[a] 1 establishment. [b] 2 establishments. [c] 3 establishments. [d] 4 establishments.

TABLE 11.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939

COUNTY	Total	INDUSTRY GROUP 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
The State	12,980	3,299	54	115	1,137	210	656	240	2,266	666	60	37	214	426	989	555	289	889	104	43	731
Adams	106	35	1	1	5	4	1	3	11	5			2	8	14	1	1	10	1		3
Alexander	28	7			1	5	3		2	5			1	2				2			
Bond	13	6			1				2						1		2	1			
Boone	17	6			2			1	1	1				1	3			2			
Brown	3	1				1			1												
Bureau	27	15	1		1		1		4	1				2		1					1
Calhoun	5	1				3			1												
Carroll	14	11							3												
Cass	9	6							2				1								
Champaign	63	22			2	3	1		18	4			1	3	1		1	3	1		3
Christian	24	13			1			1	6	1					2						
Clark	12	4							5	1			1		1						
Clay	8	3			1	1			1				1					1			
Clinton	21	10		1		1		1	3				2		1	1	1				
Coles	31	15				1	2		4	1	1		2		2						3
Cook	9,126	1,839	39	82	1,015	91	511	185	1,641	521	29	32	159	233	695	464	246	613	84	29	618
Crawford	22	11					1		4	1	1			1				3			
Cumberland	9	2			1				3				1								2
De Kalb	45	14		1	3				8	1					10		1	5	1		1
De Witt	9	5			2				2												
Douglas	15	7					1		5						1						1
Du Page	64	30			3	3	1		13	2				3	4	1		2	1		1
Edgar	25	11				1	1		5	1			1		2			2			1
Edwards	7	2			1				1					2							1
Effingham	15	5			2		2		5				1								
Fayette	17	6				1			3		1		1	1	1			3			
Ford	12	9							2												1
Franklin	24	15							5		1			2				1			
Fulton	22	13				1			6					1				1			
Gallatin	3	1				1			1												

TABLE 11.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939—Continued

COUNTY	Total	INDUSTRY GROUP																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Greene	10	1			1			1	3	1				3							
Grundy	23	8			2			3	2	1			2	1	3			1			
Hamilton	7	3			2				1					1							
Hancock	19	6							9								2				2
Hardin	1								1												
Henderson	7	1							1					4							1
Henry	37	14			1		3		5					2	5		1	5			1
Iroquois	21	10			1				7								2	1			
Jackson	26	15			2	1	2		3				1	1		1					
Jasper	8	2				2	2		1												1
Jefferson	28	14		1	1	2	1		3	1			1		2			1		1	
Jersey	9	2				1			1	1			1					2		1	
Jo Daviess	35	27		1					3						4						
Johnson	3					1			1	1											
Kane	229	51		3	17	5	18	5	31	8	1		2	10	17	14	6	28	2		11
Kankakee	62	23		4	1	2	4	2	8	2				5	6	1		4			
Kendall	9	1													4	2	1				1
Knox	50	13			3	2	1		7	5				2	6	3		3			5
Lake	141	45		2	3	6	3	2	24	7	2	1	2	3	12	7	5	9			8
La Salle	124	51			3	3	3	3	17	6	1			14	6	5	1	7	1	1	2
Lawrence	15	4				1			4		3						1	2			
Lee	33	17				1	2		5				1	3	2			2			
Livingston	23	8			1				9				1	3				1			
Logan	15	9			1		1		3					1							
McDonough	26	13							4		1			4	2	1		1			
McHenry	40	14			2		2	1	8	1				1	2	1	1	5		1	1
McLean	56	26			1		2		13	3				2	4			5			
Macon	101	40	1		6	1	1	1	13	7				3	10	2		8	1		7
Macoupin	27	18			1				5	1				2							
Madison	162	69			4	9	4	2	17	10	3		5	10	11	6		4	1	3	4
Marion	31	13			2	2			4				2		2	1	1	2	1		1
Marshall	9	1		1	1	1			4					1							
Mason	15	7							3	1					1			3			
Massac	14	4			1		5		2												2
Menard	7	4							1					1	1						
Mercer	6	1				1			1					1							2
Monroe	9	7							2												
Montgomery	22	8			2				6	1			1		2	1					1
Morgan	24	11	1		2	1			5				1		2						1
Moultrie	13	6			1				3				1					1			1
Ogle	42	21		2	1				11	1				1				2		1	2
Peoria	219	85	1	1	6	9	10	5	38	10	1		2	7	13	7	5	12	1		6
Perry	20	12			1	1			4	1								1			
Piatt	11	5							3	2				1							
Pike	12	5				2			3				1								1
Pope	2	1							1												
Pulaski	7	2				3				1										1	
Putnam	1								1												
Randolph	26	12	1	3		1			3	1			3		1			1			
Richland	11	7							3				1								
Rock Island	151	38			3	1	4		23	5	1	2		10	19	7	3	25	2	1	7
St. Clair	223	73	5	3	3	8	6	3	24	18	6	1	3	15	29	9	1	9		4	3
Saline	18	14							3					1							
Sangamon	115	41	1		2	8	6		23	2			1	7	5	5	2	9			3
Schuyler	7	4							2					1							
Scott	3					1			1					1							
Shelby	13	3			1		1		4						1			2			1
Stark	8	2							3				1		1			1			
Stephenson	91	59					4	2	7	3				2	3	3	2	4	1		1
Tazewell	64	20	1		1	3	1	1	5				1	9	6	2		10	1		3
Union	14	4					3		2	2			2					1			
Vermilion	86	35			4	2	1	1	14	3			1	7	5	1	1	9			2
Wabash	11	5			1			1	2						1		1				
Warren	14	5							4	1				2		1		1			
Washington	15	9				2			3									1			
Wayne	9	3			1	1			3										1		
White	13	7			1	1	1		2	1											
Whiteside	55	21			1		1		7					2	15			6	1		1
Will	125	38	2		2	3	4	13	17	4	7	1		12	13			8			1
Williamson	20	11				1	1		5	1								1			
Winnebago	266	58		9	6	4	34	3	31	8	1		3	10	34	7	1	42	3		12
Woodford	15	7							6					1	1						

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE CHICAGO AND ST. LOUIS INDUSTRIAL AREAS, AND FOR THE CITIES OF CHICAGO AND PEORIA: 1939

[In order to avoid disclosing data for individual establishments, wage-earner figures for industries represented by fewer than three establishments are withheld]

Group No.[1]	TITLE	Number of establishments	Wage earners
	STATE OF ILLINOIS		
1	Blended and prepared flour made from purchased flour	4	44
	Cane-sugar refining	1	-
	Cereal preparations	5	576
	Chewing gum	2	
	Chocolate and cocoa products	3	142
	Cooking and other edible fats and oils, not elsewhere classified	2	
	Corn sirup, corn sugar, corn oil, and starch	4	3,553
	Custom slaughtering, wholesale	2	
	Salad dressings	6	206
	Special dairy products	6	559
	Wines	1	-
2	Tobacco (chewing and smoking) and snuff	6	-
3	Artificial leather and oilcloth	1	-
	Carpets and rugs, wool	1	-
	Cloth sponging and miscellaneous special finishing	8	346
	Cordage and twine	2	-
	Cotton thread	3	141
	Cotton yarn	3	406
	Dyeing and finishing wooden and worsted	1	-
	Hats, straw	1	-
	Knitted cloth	3	78
	Knitted gloves	2	-
	Lace goods	1	-
	Rayon narrow fabrics	2	-
	Silk yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	1	-
	Woolen and worsted manufactures—contract factories	1	-
4	Children's and infants' wear not elsewhere classified—made in contract factories	1	-
	Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors	1	-
	Children's coats—made in contract factories	1	-
	Children's dresses—made in contract factories	1	-
	Dress and semidress gloves and mittens: cloth, cloth and leather combined	3	512
	Handkerchiefs—made in inside factories or by jobbers engaging contractors	4	323
	Hat and cap materials; trimmings, etc	4	32
	House dresses, uniforms, and aprons—made in contract factories	3	112
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in contract factories	1	-
	Men's and boys' underwear—made in contract factories	2	-
	Men's and boys' underwear—made in inside factories or by jobbers engaging contractors	2	-
	Men's neckwear—made in contract factories	1	-
	Suspenders, garters, and other goods made from purchased elastic material	6	679
	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics	5	130
	Work shirts	2	-
5	Plywood mills	2	-
6	Cigar boxes: wooden, part wooden	2	-
	Cork products	2	-
	Lasts and related products	1	-
7	Fiber cans, tubes, and similar products	7	-
	Pulp goods (pressed, molded)	1	-
9	Ammunition	2	-
	Bluing	2	-
	Candles	1	-
	Cottonseed oil, cake, meal, and linters	4	196
	Essential oils	2	-
	Hardwood distillation and charcoal manufacture	2	-
	Linseed oil, cake, and meal	2	-
	Plastic materials	4	34
	Rayon and allied products	2	-
	Vegetable and animal oils, not elsewhere classified	2	-
	Writing ink	2	-
11	Reclaimed rubber	1	-
	Rubber boots and shoes (including rubber-soled footwear with fabric uppers	1	-
	Tires and inner tubes	1	-
12	Leather: tanned, curried, and finished—contract factories	3	-
13	Asbestos products (except steam packing and pipe and boiler covering)	9	1,512
	China firing and decorating (for the trade)	7	244
	Flat glass	1	-
	Glass containers	6	3,472
	Natural graphite, ground and refined	1	-
	Nonclay refractories	2	-
	Porcelain electrical supplies	1	-
	Roofing tile	1	-
	Sand-lime brick, block and tile	1	-
	Sewer pipe and kindred products	2	-
	Terra cotta	2	-
	Whiteware	2	-
	STATE OF ILLINOIS—Continued		
14	Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills	3	354
	Steam and hot-water heating apparatus (including hot-water furnaces)	6	1,004
15	Aluminum ware, kitchen, hospital, and household (except electrical appliances)	4	154
	Collapsible tubes	1	-
	Gold and silver leaf and foil	3	44
	Secondary smelting and refining, gold, silver, and platinum	2	-
	Tin and other foils (except gold and silver foil)	1	-
	Watchcases	1	-
16	Carbon products for the electrical industry, and manufactures of carbon or artificial graphite	1	-
	Communication equipment	46	-
17	Blowers; exhaust and ventilating fans	4	205
	Internal-combustion engines	4	751
	Measuring and dispensing pumps	2	-
	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	2	-
	Mining machinery and equipment	5	604
	Paper-mill, pulp-mill, and paper-products machinery	1	-
	Steam engines, turbines, and water wheels	1	-
	Textile machinery	3	432
19	Aircraft and parts, including aircraft engines	4	71
	Locomotives (including frames) and parts: railroad, mining, and industrial	2	-
	Transportation equipment not elsewhere classified	2	-
20	Carbon paper and inked ribbons	9	174
	Fire extinguishers, chemical	2	-
	Optical instruments and lenses	2	-
	Organs	5	362
	Pencils (except mechanical) and crayons	1	-
	Soda fountains, beer dispensing equipment, and related products	6	749
	Tobacco pipes and cigarette holders	2	-
	CHICAGO INDUSTRIAL AREA		
1	Baking powder, yeast, and other leavening compounds	6	607
	Blended and prepared flour made from purchased flour	4	44
	Cane-sugar refining	1	-
	Canned and dried fruits and vegetables (including canned soups)	14	2,364
	Cereal preparations	5	577
	Chewing gum	2	-
	Chocolate and cocoa products	3	142
	Corn sirup, corn sugar, corn oil, and starch	2	-
	Custom slaughtering, wholesale	2	-
	Liquors, rectified or blended	18	83
	Malt	4	-
	Preserves, jams, jellies, and fruit butters	15	-
	Salad dressings	6	206
	Special dairy products	4	-
	Vinegar and cider	2	-
	Wines	1	-
2	Tobacco (chewing and smoking) and snuff	3	-
3	Artificial leather and oilcloth	1	-
	Carpets and rugs, wool	1	-
	Cloth sponging and miscellaneous special finishing	8	346
	Cordage and twine	1	-
	Cotton broad woven goods	6	-
	Cotton thread	2	-
	Cotton yarn	2	-
	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	5	-
	Hosiery—seamless	3	884
	Knitted cloth	2	-
	Knitted gloves	2	-
	Knitted underwear	3	-
	Lace goods	1	-
	Rayon narrow fabrics	2	-
	Silk yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	2	-
	Woolen and worsted manufactures—contract factories	1	-
	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	2	-
4	Children's and infants' wear not elsewhere classified—made in contract factories	1	-
	Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors	1	-
	Children's coats—made in contract factories	1	-
	Children's dresses—made in contract factories	1	-
	Dress and semidress gloves and mittens: cloth, cloth and leather combined	3	512
	Handkerchiefs—made in inside factories or by jobbers engaging contractors	4	323
	Hat and cap materials; trimmings, etc	3	-
	House dresses, uniforms, and aprons—made in contract factories	2	-

See footnotes at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE CHICAGO AND ST. LOUIS INDUSTRIAL AREAS, AND FOR THE CITIES OF CHICAGO AND PEORIA: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	CHICAGO INDUSTRIAL AREA—Continued		
4	Men's neckwear—made in contract factories	1	
	Miscellaneous fabricated textile products not elsewhere classified	28	
	Raincoats and other waterproof garments (except oiled cotton)	5	
	Suspenders, garters, and other goods made from purchased elastic material	4	
	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics	5	130
	Work gloves and mittens: cloth, cloth and leather combined	1	
	Work shirts	2	
5	Plywood mills	2	
	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	1	
6	Baskets for fruits and vegetables	1	
	Cigar boxes: wooden, part wooden	2	
	Cork products	2	
	Lasts and related products	1	
	Upholstered household furniture	44	2,479
	Window and door screens and weather strip	24	246
	Wood preserving	2	
7	Converted paper products not elsewhere classified	29	
	Die-cut paper and paperboard, and converted cardboard	8	
	Fiber cans, tubes, and similar products	6	
	Pulp goods (pressed, molded)	1	
9	Ammunition	1	
	Bluing	1	
	Candles	1	
	Coal-tar products, crude and intermediate	4	
	Essential oils	2	
	Fireworks	2	
	Grease and tallow (except lubricating greases)	7	466
	Linseed oil, cake, and meal	2	
	Rayon and allied products	2	
	Vegetable and animal oils, not elsewhere classified	2	
	Writing ink	2	
11	Rubber products not elsewhere classified	33	
	Tires and inner tubes	1	
12	Boot and shoe cut stock and findings	15	345
	Leather goods not elsewhere classified	11	
	Leather: tanned, curried, and finished—contract factories	3	
	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	20	3,291
13	Asbestos products (except steam packing and pipe and boiler covering)	10	
	Cement	1	
	China firing and decorating (for the trade)	7	244
	Clay refractories, including refractory cement (clay)	2	
	Glass containers	2	
	Gypsum products	1	
	Lime	3	144
	Natural graphite, ground and refined	1	
	Nonclay refractories	3	
	Sand-lime brick, block and tile	1	
	Tableware, pressed or blown glass, and glassware not elsewhere classified	2	
	Terra cotta	1	
	Vitreous-china plumbing fixtures	1	
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	12	
	Whiteware	1	
14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	26	
	Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills	5	
	Enameling, japanning, and lacquering	16	319
	Files	2	
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	9	
	Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills	1	
	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	5	
	Steam and hot-water heating apparatus (including hot-water furnaces)	2	
	Steam fittings, regardless of material	26	6,987
	Steel barrels, kegs, and drums	5	
	Vitreous enameled products, including kitchen, household, and hospital utensils	2	
	CHICAGO INDUSTRIAL AREA—Continued		
15	Aluminum ware, kitchen, hospital, and household (except electrical appliances)	4	154
	Clocks, watches, and materials and parts (except watchcases)	10	2,324
	Collapsible tubes	1	
	Gold and silver leaf and foil	3	44
	Primary smelting and refining of nonferrous metals	2	
	Secondary smelting and refining, gold, silver, and platinum	2	
	Silverware and plated ware	5	
	Tin and other foils (except gold and silver foil)	1	
	Watchcases	1	
16	Carbon products for the electrical industry, and manufactures of carbon or artificial graphite	1	
	Communication equipment	38	13,764
	Electrical measuring instruments	11	
	Electric lamps	5	
17	Agricultural machinery (except tractors)	13	4,582
	Blowers; exhaust and ventilating fans	4	205
	Commercial laundry, dry-cleaning, and pressing machinery	9	
	Construction and similar machinery (except mining and oil-field machinery and tools)	15	1,286
	Internal-combustion engines	4	751
	Laundry equipment, domestic	4	741
	Measuring and dispensing pumps	1	
	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	1	
	Mining machinery and equipment	2	
	Office and store machines not elsewhere classified	15	1,378
	Sewing machines, domestic and industrial	3	392
	Steam engines, turbines, and water wheels	1	
	Stokers, mechanical, domestic and industrial	6	611
	Textile machinery	1	
	Tractors	1	
19	Aircraft and parts, including aircraft engines	4	71
	Boat building and boat repairing	3	
	Locomotives (including frames) and parts: railroad, mining, and industrial	1	
20	Carbon paper and inked ribbons	9	174
	Children's vehicles	6	
	Feathers, plumes, and artificial flowers	18	
	Fire extinguishers, chemical	2	
	Needles, pins, hooks and eyes, and slide and snap fasteners	3	
	Optical instruments and lenses	2	
	Organs	3	
	Pencils (except mechanical) and crayons	1	
	Piano and organ parts and materials	2	
	Pianos	5	
	Soda fountains, beer dispensing equipment, and related products	3	674
	Tobacco pipes and cigarette holders	2	
	Wool pulling	1	
	ST. LOUIS INDUSTRIAL AREA		
1	Baking powder, yeast, and other leavening compounds	1	
	Blended and prepared flour made from purchased flour	2	
	Canned and dried fruits and vegetables (including canned soups)	1	
	Cereal preparations	2	
	Cheese	2	
	Condensed and evaporated milk	3	19
	Cooking and other edible fats and oils, not elsewhere classified	1	
	Corn sirup, corn sugar, corn oil, and starch	2	
	Cured fish	1	
	Liquors, rectified or blended	2	
	Macaroni, spaghetti, vermicelli, and noodles	8	213
	Malt	1	
	Preserves, jams, jellies, and fruit butters	3	101
	Rice cleaning and polishing	1	
	Salad dressings	3	31
	Sausage casings—not made in meat-packing establishments	1	
	Wines	2	
2	Tobacco (chewing and smoking) and snuff	7	1,468
3	Batting, padding, and wadding; upholstery filling	3	263
	Cloth sponging and miscellaneous special finishing	2	
	Cordage and twine	1	
	Cotton broad woven goods	1	
	Cotton narrow fabrics	1	
	Dyeing and finishing cotton, rayon, silk, and linen textiles	1	
	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	10	679
	Hats, straw	1	

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE CHICAGO AND ST. LOUIS INDUSTRIAL AREAS, AND FOR THE CITIES OF CHICAGO AND PEORIA: 1939—Continued

Group No.	TITLE	Number of establishments	Wage earners
	ST. LOUIS INDUSTRIAL AREA—Continued		
3	Hosiery—full fashioned	1	
	Hosiery—seamless	1	
	Knitted underwear	2	
	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	1	----
4	Clothing, leather and sheepskin	4	276
	Coats, suits, and skirts (except fur coats)—made in contract factories	1	--
	Curtains, draperies, and bedspreads—contract factories	1	-
	Dress and semidress gloves and mittens, cloth, cloth and leather combined	1	--
	Embroideries, other than Schiffli-machine products—contract factories	6	116
	Embroideries, other than Schiffli-machine products—made in regular factories or by jobbers engaging contractors	2	
	Embroideries—Schiffli-machine products	1	--
	Fur coats and other fur garments, accessories, and trimmings	5	--
	House dresses, uniforms, and aprons—made in contract factories	2	--
	Miscellaneous fabricated textile products not elsewhere classified	4	59
	Robes, lounging garments, and dressing gowns	3	191
	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	5	124
	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	3	142
5	Plywood mills	2	-
6	Baskets for fruits and vegetables	1	-
	Cigar boxes, wooden, part wooden	1	
	Household furniture, except upholstered	10	-
	Matches	2	
	Office furniture	2	-
	Public-building furniture	1	--
	Window shades	1	-
7	Coated and glazed paper	3	232
	Converted paper products not elsewhere classified	3	224
	Die-cut paper and paperboard, and converted cardboard	1	
	Fiber cans, tubes, and similar products	3	-
	Paper and paperboard mills	4	696
	Paper bags, except those made in paper mills	4	189
8	Books: publishing and printing	2	--
	Engraving (steel, copperplate, and wood); plate printing	11	--
9	Ammunition	1	--
	Bluing	1	-
	Candles	1	
	Coal-tar products, crude and intermediate	3	696
	Colors and pigments	5	855
	Fireworks	2	-
	Grease and tallow (except lubricating greases)	6	52
	Hardwood distillation and charcoal manufacture	1	-
	Lubricating oils and greases—not made in petroleum refineries	5	22
	Mucilage, paste, and other adhesives, except glue and rubber cement	3	-
	Perfumes, cosmetics, and other toilet preparations	21	385
	Soap and glycerin	7	294
	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	1	-
	Writing ink	1	-
10	Oven coke and coke-oven by-products	2	-
	Petroleum refining	4	-
11	Reclaimed rubber	1	-
	Rubber products not elsewhere classified	9	-
	Tires and inner tubes	1	-
12	Leather goods not elsewhere classified	1	-
	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	7	1,042
	Small leather goods	3	-
	Suitcases, brief cases, bags, trunks, and other luggage	11	385
	Women's pocketbooks, handbags, and purses	1	-
13	Abrasive wheels, stones, paper, cloth, and related products	1	-
	Asbestos products (except steam packing and pipe and boiler covering)	6	549
	Cement	2	-
	Flat glass	1	-
	Glass containers	2	-
	Mineral wool	2	-
	Pottery products not elsewhere classified	2	-
	Roofing tile	1	-
	Sand-lime brick, block and tile	1	-
	Sewer pipe and kindred products	2	-
	Statuary and art goods (except stone and concrete)—factory production	6	42
	Steam and other packing; pipe and boiler covering	1	-
	Terra cotta	1	-
	ST. LOUIS INDUSTRIAL AREA—Continued		
14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	2	-
	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	16	662
	Doors, window sash, frames, molding, and trim (made of metal)	4	247
	Enameling, japanning, and lacquering	3	134
	Forgings, iron and steel—made in plants not operated in connection with rolling mills	2	-
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	3	14
	Hardware not elsewhere classified	3	459
	Malleable-iron castings	1	-
	Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills	1	-
	Oil burners, domestic and industrial	2	-
	Saws	1	-
	Screw-machine products and wood screws	4	138
	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	3	134
	Steam and hot-water heating apparatus (including hot-water furnaces)	1	-
	Vitreous enameled products, including kitchen, household, and hospital utensils	2	-
15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	2	-
	Clocks, watches, and materials and parts (except watch-cases)	1	-
	Nonferrous-metal foundries (except aluminum)	9	423
	Nonferrous-metal products not elsewhere classified	4	66
	Primary smelting and refining of nonferrous metals	2	-
	Secondary smelting and refining, gold, silver, and platinum	1	-
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	3	389
	Tin and other foils (except gold and silver foil)	1	-
16	Automotive electrical equipment	1	-
	Batteries, storage and primary (dry and wet)	4	-
	Communication equipment	2	-
	Electrical appliances	5	-
	Electrical products not elsewhere classified	3	25
	Electric lamps	2	-
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	20	5,915
	Insulated wire and cable	2	-
	Radios, radio tubes, and phonographs	1	-
	Wiring devices and supplies	3	141
17	Agricultural machinery (except tractors)	2	-
	Blowers; exhaust and ventilating fans	1	-
	Cars and trucks, industrial	1	-
	Commercial laundry, dry-cleaning, and pressing machinery	2	-
	Construction and similar machinery (except mining and oil-field machinery and tools)	2	-
	Elevators, escalators, and conveyors	5	-
	Internal-combustion engines	2	-
	Laundry equipment, domestic	1	-
	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	10	156
	Measuring and dispensing pumps	1	-
	Mechanical power-transmission equipment	3	-
	Metalworking machinery and equipment, not elsewhere classified	4	112
	Mining machinery and equipment	2	-
	Oil-field machinery and tools	3	84
	Paper-mill, pulp-mill, and paper-products machinery	1	-
	Pumping equipment and air compressors	5	-
	Sewing machines, domestic and industrial	1	-
18	Motor vehicles, motor-vehicle bodies, parts and accessories	17	3,901
19	Aircraft and parts, including aircraft engines	3	362
	Boat building and boat repairing	1	-
	Shipbuilding and ship repairing	2	-
20	Beauty-shop and barber-shop equipment	4	63
	Brushes	4	36
	Children's vehicles	3	254
	Costume jewelry and costume novelties (jewelry other than fine jewelry)	1	-
	Dental equipment and supplies	2	-
	Fabricated plastic products, not elsewhere classified	1	-
	Fire extinguishers, chemical	1	-
	Furs, dressed and dyed	2	-
	Jewelry cases and instrument cases	1	-
	Musical instruments, parts, and materials not elsewhere classified	1	-
	Needles, pins, hooks and eyes, and slide and snap fasteners	1	-
	Organs	3	123
	Pencils (except mechanical) and crayons	1	-
	Pens, mechanical pencils, and pen points	2	-
	Professional and scientific instruments (except surgical and dental)	6	86
	Soda fountains, beer dispensing equipment, and related products	1	-
	Sporting and athletic goods not elsewhere classified	8	392
	Surgical and medical instruments	1	-
	Umbrellas, parasols, and canes	1	-

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE CHICAGO AND ST. LOUIS INDUSTRIAL AREAS, AND FOR THE CITIES OF CHICAGO AND PEORIA: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	CITY OF CHICAGO		
1	Baking powder, yeast, and other leavening compounds	6	607
	Blended and prepared flour made from purchased flour	3	
	Cane-sugar refining	1	
	Canned and dried fruits and vegetables (including canned soups)	8	1,907
	Cereal preparations	4	
	Cheese	2	
	Chewing gum	2	
	Chocolate and cocoa products	3	142
	Condensed and evaporated milk	5	29
	Cooking and other edible fats and oils, not elsewhere classified	2	
	Custom slaughtering, wholesale	2	
	Flavoring extracts and flavoring sirups, not elsewhere classified	42	
	Liquors, rectified or blended	17	
	Malt	4	
	Meat packing, wholesale	44	19,149
	Oleomargarine—not made in meat-packing establishments	3	
	Pickled fruits and vegetables and vegetable sauces and seasonings	24	656
	Preserves, jams, jellies, and fruit butters	15	
	Salad dressings	6	206
	Special dairy products	3	46
	Vinegar and cider	2	
	Wines	1	
2	Tobacco (chewing and smoking) and snuff	3	
3	Artificial leather and oilcloth	1	
	Carpets and rugs, wool	1	
	Cloth sponging and miscellaneous special finishing	8	346
	Cordage and twine	1	
	Cotton narrow fabrics	3	
	Cotton thread	1	
	Cotton yarn	2	
	Felt goods, wool, hair, and jute (except woven felts and hat bodies and hats)	4	
	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	5	
	Hosiery—seamless	2	
	Knitted cloth	2	
	Knitted gloves	2	
	Knitted underwear	3	
	Rayon narrow fabrics	2	
	Silk yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	1	
	Woolen and worsted manufactures—contract factories	1	
	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	1	
4	Children's and infants' wear not elsewhere classified—made in contract factories	1	
	Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors	1	
	Children's dresses—made in contract factories	1	
	Curtains, draperies, and bedspreads—contract factories	6	
	Dress and semidress gloves and mittens: cloth, cloth and leather combined	3	512
	Handkerchiefs—made in inside factories or by jobbers engaging contractors	4	323
	Hat and cap materials; trimmings, etc	3	
	House dresses, uniforms, and aprons—made in contract factories	2	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	31	
	Men's and boys' hats and caps (except felt and straw)	23	
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	9	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	95	
	Men's neckwear—made in contract factories	1	
	Miscellaneous fabricated textile products not elsewhere classified	28	
	Suspenders, garters, and other goods made from purchased elastic material	4	
	Trousers (semidress), wash suits, and washable service apparel	12	404
	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics	5	130
	Women's neckwear, scarfs, etc	2	
	Work gloves and mittens: cloth, cloth and leather combined	1	
	Work shirts	2	
5	Plywood mills	2	
	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	1	
	CITY OF CHICAGO—Continued		
6	Baskets for fruits and vegetables	1	
	Caskets, coffins, burial cases, and other morticians' goods	32	1,295
	Cigar boxes: wooden, part wooden	2	
	Cooperage	11	490
	Cork products	2	
	Laboratory, hospital, and other professional furniture	9	
	Lasts and related products	1	
	Partitions, shelving, cabinet work, and office and store fixtures	54	1,387
	Public-building furniture	7	
	Upholstered household furniture	41	1,850
	Window shades	31	727
7	Die-cut paper and paperboard, and converted cardboard	8	
	Envelopes	20	
	Fiber cans, tubes, and similar products	5	
	Paper and paperboard mills	2	
	Pulp goods (pressed, molded)	1	
	Wallpaper	2	
8	Bookbinding and related industries	104	2,949
	Books: publishing without printing	86	21
	Electrotyping and stereotyping, not done in printing establishments	26	
	Engraving (steel, copperplate, and wood); plate printing	53	
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	78	
9	Ammunition	1	
	Bluing	1	
	Candles	1	
	Cleaning and polishing preparations, blackings, and dressings	65	642
	Coal-tar products, crude and intermediate	2	
	Colors and pigments	2	
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	11	149
	Drugs and medicines (including drug grinding)	63	650
	Essential oils	2	
	Fertilizers	2	
	Grease and tallow (except lubricating greases)	3	364
	Insecticides, fungicides, and related industrial and household chemical compounds	55	426
	Linseed oil, cake, and meal	1	
	Perfumes, cosmetics, and other toilet preparations	61	731
	Plastic materials	2	
	Rayon and allied products	1	
	Soap and glycerin	24	1,313
	Vegetable and animal oils, not elsewhere classified	1	
	Writing ink	2	
10	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	8	452
11	Tires and inner tubes	1	
12	Boot and shoe cut stock and findings	13	
	Leather goods not elsewhere classified	11	
	Leather: tanned, curried, and finished—contract factories	3	
	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	19	
	Saddlery, harness, and whips	3	
13	Asbestos products (except steam packing and pipe and boiler covering)	5	102
	Brick and hollow structural tile	2	
	China firing and decorating (for the trade)	5	
	Clay refractories, including refractory cement (clay)	2	
	Glass containers	1	
	Lime	2	
	Minerals and earths, ground or otherwise treated	3	61
	Mineral wool	1	
	Mirrors and other glass products made of purchased glass	41	
	Pottery products not elsewhere classified	3	
	Tableware, pressed or blown glass, and glassware not elsewhere classified	2	
	Terra cotta	1	
	Vitreous-china plumbing fixtures	1	
14	Automobile stampings	6	
	Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills	1	
	Files	2	
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	7	147
	Heating and cooking apparatus, except electric, not elsewhere classified	15	
	Malleable-iron castings	2	

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE CHICAGO AND ST. LOUIS INDUSTRIAL AREAS, AND FOR THE CITIES OF CHICAGO AND PEORIA: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	CITY OF CHICAGO—Continued		
14	Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills	1	-
	Oil burners, domestic and industrial	8	
	Steam and hot-water heating apparatus (including hot-water furnaces)	1	-
	Steam fittings, regardless of material	26	6,987
	Steel barrels, kegs, and drums	3	226
	Wrought pipes, welded and heavy riveted, made in plants not operated in connection with rolling mills	2	- -
15	Clocks, watches, and materials and parts (except watchcases)	8	- -
	Collapsible tubes	1	-
	Gold and silver leaf and foil	2	- -
	Lighting fixtures	87	3,203
	Nonferrous-metal products not elsewhere classified	48	2,190
	Secondary smelting and refining, gold, silver, and platinum	2	- -
	Silverware and plated ware	5	
	Tin and other foils (except gold and silver foil)	1	
16	Automotive electrical equipment	9	155
	Communication equipment	34	4,904
	Electrical measuring instruments	9	229
	Electric lamps	2	- -
	Insulated wire and cable	6	-
17	Agricultural machinery (except tractors)	3	3,991
	Blowers, exhaust and ventilating fans	3	
	Commercial laundry, dry-cleaning, and pressing machinery	9	- -
	Elevators, escalators, and conveyors	13	814
	Internal-combustion engines	2	-
	Laundry equipment, domestic	2	- - -
	Measuring and dispensing pumps	1	- - -
	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	1	
	Mining machinery and equipment	2	
	Office and store machines not elsewhere classified	14	
	Pumping equipment and air compressors	16	800
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	23	- -
	Sewing machines, domestic and industrial	3	392
	Steam engines, turbines, and water wheels	1	- - -
	Stokers, mechanical, domestic and industrial	5	- - -
	Textile machinery	1	- - -
	Tractors	1	-
	Vending, amusement, and other coin-operated machines	21	-
18	Automobile trailers (for attachment to passenger cars)	5	
19	Aircraft and parts, including aircraft engines	2	-
	Boat building and boat repairing	3	
	Cars and car equipment—railroad, street, and rapid-transit	9	4,328
	Motorcycles, bicycles, and parts	4	- -
20	Brushes	19	
	Carbon paper and inked ribbons	8	-
	Dental equipment and supplies	15	
	Fabricated plastic products, not elsewhere classified	21	1,140
	Feathers, plumes, and artificial flowers	18	
	Fire extinguishers, chemical	2	
	Games and toys (except dolls and children's vehicles)	24	1,866
	Needles, pins, hooks and eyes, and slide and snap fasteners	3	-
	Optical instruments and lenses	2	-
	Organs	3	- -
	Pencils (except mechanical) and crayons	1	-
	Piano and organ parts and materials	2	
	Pianos	4	1,081
	Soda fountains, beer dispensing equipment, and related products	3	674
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	27	1,257
	Tobacco pipes and cigarette holders	2	
	CITY OF PEORIA		
1	Biscuit, crackers, and pretzels	1	- - -
	Candy and other confectionery products	3	11
	Canned and dried fruits and vegetables (including canned soups)	1	-
	Cheese	1	- - -
	Condensed and evaporated milk	1	- - -
	Creamery butter	3	78
	Flour and other grain-mill products	1	- - -
	Food preparations, not elsewhere classified	1	
	Ice cream and ices	3	24
	Ice, manufactured	3	21
	Liquors, distilled	3	
	Liquors, rectified or blended	3	221
	Malt	1	-
	Malt liquors	3	139
	Nonalcoholic beverages	7	41
	Poultry dressing and packing, wholesale	3	5
	CITY OF PEORIA—Continued		
1	Prepared feeds (including mineral) for animals and fowls	3	8
	Preserves, jams, jellies, and fruit butters	1	-
	Vinegar and cider	1	- -
2	Cigars	1	- - - - -
3	Cordage and twine	1	- - -
4	Canvas products (except bags)	2	- - - - -
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	1	- - - - -
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	1	- - - - -
	Work gloves and mittens: cloth, cloth and leather combined	2	- - -
6	Caskets, coffins, burial cases, and other morticians' goods	2	- - - - -
	Cooperage	1	- -
	Public-building furniture	1	- - - - -
	Wooden boxes except cigar boxes	1	- - -
	Wood products not elsewhere classified	1	- -
7	Converted paper products not elsewhere classified	1	- - - - -
	Paper and paperboard mills	1	- - - -
	Paperboard containers and boxes not elsewhere classified	2	- - - - -
8	Bookbinding and related industries	2	-
	Books: printing without publishing	1	- - - -
	Engraving (steel, copperplate, and wood); plate printing	1	- - -
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	2	-
	Newspapers: publishing and printing	3	226
	Photoengraving, not done in printing establishments (including preparation of plates)	1	- - -
9	Chemicals not elsewhere classified	1	- - -
	Cleaning and polishing preparations, blackings, and dressings	1	-
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	2	- - -
	Drugs and medicines (including drug grinding)	2	- - - - -
	Insecticides, fungicides, and related industrial and household chemical compounds	1	- - -
	Paints, varnishes, and lacquers	1	- - -
	Soybean oil, cake, and meal	1	- - -
10	Petroleum refining	1	- - - - - -
12	Leather gloves and mittens	1	- - - -
	Saddlery, harness, and whips	1	- - - -
13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	1	- - -
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	1	-
	Gray-iron and semisteel castings	2	-
	Hardware not elsewhere classified	1	- - - - -
	Malleable-iron castings	1	- - - - -
	Oil burners, domestic and industrial	2	-
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	1	- - - - -
	Tin cans and other tinware not elsewhere classified	2	- - - - -
15	Electroplating, plating, and polishing	1	- - - - - -
	Nonferrous-metal foundries (except aluminum)	1	- - - - -
16	Batteries, storage and primary (dry and wet)	1	- - - - - -
	Communication equipment	1	- - - - -
	Radios, radio tubes, and phonographs	1	- - -
	X-ray and therapeutic apparatus and electronic tubes	1	- - -
17	Agricultural machinery (except tractors)	2	- -
	Construction and similar machinery (except mining and oil-field machinery and tools)	1	- - -
	Industrial machinery, not elsewhere classified	1	-
	Machine-shop products, not elsewhere classified	3	40
	Machine-shop repairs	1	- - - -
	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	1	
	Mining machinery and equipment	1	-
18	Motor vehicles, motor-vehicle bodies, parts and accessories	1	- - - - - -
20	Fabricated plastic products, not elsewhere classified	1	- - - -
	Hand stamps, stencils, and brands	1	- - - -
	Miscellaneous fabricated products not elsewhere classified	1	- - - -
	Models and patterns (except paper patterns)	1	- - - - -
	Signs, advertising displays, and advertising novelties	1	- - - - - -
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	1	- - -

[1] For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and of industry groups, sec. 27.

INDIANA

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939

Prepared by the Bureau of the Census, Department of Commerce

475614—42——19

INDIANA

Table 1.—SUMMARY FOR THE STATE: 1939, 1937, AND 1929

Census year	Number of establishments	Proprietors and firm members	Number of persons employed in manufacturing [1]	Salaries and wages [1]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2]	Value of products [2]	Value added by manufacture [3]
1939	4,337	2,450	318,407	$439,829,077	$1,257,436,214	$2,227,648,011	$970,211,797
1937	3,939	1,988	356,923	495,597,285	1,478,567,753	2,497,547,946	1,018,980,193
1929	4,919	2,557	340,558	501,548,796	1,372,009,275	2,468,524,903	1,096,515,628

[1] Figure for 1939 does not include data for employees of manufacturing establishments (except salaried officers of corporations) who were engaged in distribution, construction, and other nonmanufacturing work. For detail, see table 8. It is not known to what extent data for such nonmanufacturing employees were included in figures reported for earlier years. See General Explanations—Persons engaged—general classification.

[2] The aggregates for cost of materials, etc., and value of products include large amounts of duplication due to the use of products of some industries as materials by others. See General Explanations—Duplication in cost of materials and value of products.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See General Explanations—Value added by manufacture.

Table 2.—SUMMARY FOR INDUSTRIAL AREAS, COUNTIES, AND PLACES: 1939

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
The State	3,427,796	[5] 4,337	277,467	$345,475,193	$1,257,436,214	$2,227,648,011	$970,211,797
INDUSTRIAL AREAS							
Chicago area, total [6]	4,825,527	9,921	483,593	640,533,131	2,367,826,185	4,277,815,582	1,909,989,397
Portion in Indiana	293,195	236	58,825	92,690,329	468,462,633	736,549,638	268,087,005
Portion in Illinois	4,532,332	9,685	424,767	547,842,802	1,899,363,552	3,541,265,944	1,641,902,392
Indianapolis area [7]	460,926	818	38,838	48,139,113	155,359,006	294,511,708	139,152,702
COUNTIES IN INDIANA [5]							
Adams	21,254	32	1,412	1,493,713	12,556,069	18,453,572	5,897,503
Allen	155,084	180	14,175	19,064,164	66,278,494	120,531,458	54,252,964
Bartholomew	28,276	58	2,318	2,073,844	9,670,392	17,489,139	7,818,747
Benton	11,117	6	71	54,844	155,443	341,456	186,013
Blackford	13,783	23	1,328	1,411,240	3,507,279	6,872,068	3,364,789
Boone	22,081	28	666	529,804	1,933,502	3,855,453	1,921,951
Brown [8]	6,189	1					
Carroll	15,410	17	167	110,411	272,868	582,072	309,204
Cass	36,908	53	2,450	2,123,750	5,550,036	11,704,951	6,154,915
Clark [8]	31,620	27	1,504				
Clay	25,365	23	720	758,039	897,705	2,627,964	1,730,259
Clinton	28,411	25	1,164	1,267,968	3,572,475	6,334,698	2,762,223
Crawford	10,171	6	38	16,693	51,279	94,246	42,967
Daviess	26,163	28	450	307,644	1,395,626	2,273,749	878,123
Dearborn	23,053	30	1,506	1,699,535	11,301,458	19,896,734	8,595,276
Decatur	17,722	18	301	269,437	1,190,867	1,722,329	531,462
De Kalb	24,756	41	1,528	1,429,345	3,304,845	7,486,316	4,181,471
Delaware	74,963	108	10,478	13,940,321	36,969,082	67,625,599	30,656,517
Dubois	22,579	72	2,209	1,788,137	4,846,662	8,663,576	3,816,914
Elkhart	72,634	154	8,194	8,946,438	19,301,837	47,901,878	28,600,041
Fayette	19,411	25	2,310	2,897,700	6,029,296	12,706,662	6,677,366
Floyd	35,061	58	2,556	2,113,474	6,388,139	11,229,915	4,841,776
Fountain	18,299	12	662	747,990	1,115,743	2,403,158	1,287,415
Franklin [8]	14,412	6	68				
Fulton	15,577	15	243	193,493	1,046,893	1,572,794	525,901
Gibson [8]	30,709	19	322				
Grant	55,813	102	5,856	6,190,654	19,282,731	36,351,995	17,069,264
Greene	31,330	23	373	302,155	528,129	1,178,815	650,686
Hamilton	24,614	25	1,043	782,719	4,422,347	6,608,308	2,185,961
Hancock	17,302	19	259	185,664	565,968	1,080,809	514,841
Harrison	17,106	14	382	291,168	1,661,922	2,320,944	659,022
Hendricks	20,151	11	91	33,566	103,982	195,322	91,340
Henry	40,208	42	4,247	5,334,962	10,330,840	19,009,951	8,679,111
Howard	47,752	55	5,789	7,608,163	18,901,710	35,625,027	16,723,317
Huntington	29,931	57	1,889	1,715,804	4,234,277	8,821,420	4,587,143
Jackson	26,612	40	1,942	1,439,950	5,195,905	8,677,634	3,481,729
Jasper	14,397	9	46	28,783	200,200	281,140	80,940
Jay	22,601	30	2,576	2,791,630	5,461,888	10,955,483	5,493,595
Jefferson	19,912	28	428	302,577	1,900,545	2,873,350	972,805
Jennings	13,680	16	258	142,700	277,062	631,161	354,099
Johnson	22,493	34	1,246	932,983	4,364,021	7,481,906	3,117,885
Knox	43,973	39	1,478	1,373,814	5,134,526	9,507,971	4,373,445
Kosciusko	29,561	34	845	771,594	2,753,942	4,754,412	2,000,470
Lagrange [8]	14,352	6	103				
Lake	293,195	236	58,825	92,690,329	468,462,633	736,549,638	268,087,005
La Porte	63,660	94	7,136	7,782,635	25,365,649	52,518,494	27,152,845
Lawrence	35,045	33	1,726	1,877,521	2,965,385	7,281,076	4,315,691
Madison	88,575	117	13,031	17,298,186	34,619,577	79,314,825	44,695,248
Marion	460,926	818	38,838	48,139,113	155,359,006	294,511,708	139,152,702
Marshall	25,935	30	758	714,641	2,743,479	4,784,477	2,040,998
Martin [8]	10,300	5	343				
Miami	27,926	32	1,341	1,139,353	2,661,623	4,931,070	2,269,447
Monroe	36,534	54	1,918	1,958,255	3,095,686	7,399,741	4,304,055
Montgomery	27,231	39	1,295	1,459,751	4,556,954	8,492,480	3,935,526
Morgan	19,801	29	461	377,920	830,539	1,728,629	898,090
Newton	10,775	6	51	33,610	894,500	1,032,084	137,584
Noble	22,776	34	1,247	1,074,888	3,325,163	6,137,754	2,812,591
Ohio	3,782	4	36	21,514	75,020	112,171	37,151
Orange	17,311	21	366	251,709	782,299	1,509,202	726,903
Owen	12,090	7	183	96,830	451,068	738,676	287,608

See footnotes at end of table.

TABLE 2.—SUMMARY FOR INDUSTRIAL AREAS, COUNTIES, AND PLACES: 1939—Continued

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
COUNTIES IN INDIANA [5]—continued							
Parke	17,358	11	66	$45,504	$246,618	$392,326	$145,708
Perry	17,770	24	1,638	1,263,195	1,909,146	4,310,807	2,401,661
Pike	17,045	9	26	16,885	52,620	101,186	48,566
Porter	27,836	23	700	739,487	1,299,103	2,971,995	1,672,892
Posey	19,183	17	454	319,239	1,876,594	2,600,399	723,805
Pulaski	12,056	10	104	76,425	250,139	469,650	219,511
Putnam	20,839	11	339	341,002	1,328,211	2,921,226	1,593,015
Randolph	26,766	31	1,798	2,057,778	4,736,812	9,190,663	4,453,851
Ripley	18,898	30	891	782,435	1,586,852	3,461,174	1,874,322
Rush	18,927	20	642	529,017	1,857,018	3,185,573	1,328,555
St. Joseph	161,823	202	20,840	29,625,234	86,193,094	157,818,171	71,625,077
Scott [8]	8,978	10	1,696				
Shelby	25,953	41	1,622	1,210,312	4,159,598	7,476,852	3,317,254
Spencer	16,211	16	121	74,356	400,670	649,688	249,018
Starke	12,258	9	156	89,968	311,352	525,489	214,137
Steuben [8]	13,740	15	100				
Sullivan	27,014	12	97	90,825	179,051	440,749	261,698
Switzerland [8]	8,167	3	8				
Tippecanoe	51,020	44	2,161	2,654,195	7,763,462	14,854,626	7,091,164
Tipton	15,135	20	663	467,285	1,699,706	3,839,035	2,139,329
Union [8]	6,017	4	111				
Vanderburgh	130,783	203	13,854	16,744,451	71,504,625	133,419,132	61,914,507
Vermillion	21,787	14	249	192,424	395,925	799,106	403,181
Vigo	99,709	121	4,996	5,608,024	30,302,044	48,076,322	17,774,278
Wabash	26,601	47	2,142	2,111,731	5,529,151	10,198,353	4,669,202
Warren [9]	9,055						
Warrick	19,435	12	197	133,213	589,863	880,796	290,933
Washington	17,008	22	714	500,190	1,063,279	1,764,423	701,144
Wayne	59,229	97	5,809	6,410,114	16,513,409	33,445,540	16,932,131
Wells	19,099	17	268	228,743	811,659	1,365,222	553,563
White	17,037	12	639	511,237	1,181,461	2,093,630	912,169
Whitley	17,001	22	1,108	820,678	3,735,337	5,610,739	1,875,402
Undistributed [10]		96	4,266	3,448,121	21,114,849	39,017,679	17,902,830
PLACES HAVING 10,000 OR MORE INHABITANTS							
Anderson	41,572	65	10,903	15,498,216	28,227,770	68,012,842	39,785,072
Bedford	12,514	25	996	1,121,121	1,957,205	4,255,632	2,298,427
Bloomington	20,870	30	1,144	946,410	1,732,928	3,800,934	2,068,006
Columbus [11]	11,738	53	2,264				
Connersville [11]	12,898	24	2,301				
Crawfordsville	11,089	29	1,191	1,370,693	4,218,218	7,930,240	3,712,022
East Chicago	54,637	64	22,280	36,195,913	167,101,606	278,997,673	111,896,067
Elkhart	33,434	82	5,292	6,410,251	10,721,062	31,838,316	21,117,254
Elwood	10,913	18	716	641,086	3,705,748	5,519,252	1,813,504
Evansville	97,062	186	13,371	16,174,499	69,986,489	129,779,340	59,792,851
Fort Wayne [11]	118,410	161	11,178				
Frankfort [11]	13,706	14	707				
Gary [11]	111,719	65	25,327				
Goshen	11,375	38	2,090	1,780,543	3,829,516	9,024,716	5,195,200
Hammond	70,184	76	5,403	7,523,355	54,973,634	95,149,240	40,175,606
Huntington	13,903	38	1,563	1,477,004	3,383,638	7,354,927	3,971,289
Indianapolis	386,972	783	35,690	43,430,827	141,437,508	272,022,818	130,585,310
Jeffersonville [11]	11,493	17	403				
Kokomo [11]	33,795	51	5,463				
Lafayette	28,798	33	1,535	1,991,055	6,290,104	11,625,088	5,334,984
La Porte	16,180	40	3,012	3,547,468	10,729,548	23,061,640	12,332,092
Logansport	20,177	41	1,996	1,676,736	4,841,864	10,044,301	5,202,437
Marion	26,767	70	3,961	4,268,486	11,913,571	21,015,973	9,102,402
Michigan City	26,476	41	3,861	3,937,627	13,827,300	27,802,312	13,975,012
Mishawaka [11]	28,298	29	3,854				
Muncie	49,720	93	9,975	13,347,097	31,244,848	60,539,682	29,294,834
New Albany	25,414	54	2,494	2,067,529	6,341,504	11,107,362	4,765,858
New Castle [11]	16,620	21	3,427				
Peru	12,432	18	658	618,649	1,356,160	2,591,085	1,234,925
Richmond	35,147	70	4,140	4,723,338	11,090,886	22,492,250	11,401,364
Shelbyville	10,791	26	1,142	843,352	2,507,219	4,628,916	2,121,697
South Bend	101,268	153	16,871	25,026,945	77,315,932	138,679,050	61,363,118
Terre Haute	62,693	101	2,767	3,148,434	16,462,840	27,611,059	11,148,219
Vincennes	18,228	28	1,121	924,942	4,565,578	7,846,461	3,280,883
Whiting [11]	10,307	6	4,154				

[1] Not including salaried officers and employees nor nonmanufacturing wage earners. The figure for each county or place is an average of the numbers reported for the several months of the year. In calculating it, equal weight must be given to full-time and to part-time wage earners (not reported separately by the manufacturers), and for this reason it exceeds the number that would have been required to perform the work done in the industries if all wage earners had been continuously employed throughout the year. The quotient obtained by dividing the amount of wages by the average number of wage earners cannot, therefore, be accepted as representing the average wage received by full-time wage earners. Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several counties do not add exactly to the average for the State. In making comparisons between the figures for 1939 and those for 1937, the possibility that the proportion of part-time employment varied from year to year should be taken into account.

[2] Profits and losses cannot be calculated from the census figures because no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, and advertising.

[3] See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

[5] For numbers of establishments by "Industry groups," see table 11.

[6] The Chicago Industrial Area comprises Cook, Du Page, Kane, Lake, and Will Counties, Illinois, and Lake County, Indiana. For statistics by industries for this area, see table 9.

[7] The Indianapolis Industrial Area is coextensive with Marion County. For statistics by industries for this area, see table 9.

[8] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Undistributed" figures.

[9] No manufacturing reported.

[10] The "Undistributed" figure for number of establishments and a part of the "Undistributed" figure for number of wage earners are included above in the items for the respective counties. The sums of figures in these two columns are, therefore, larger than the corresponding State totals.

[11] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments, and for the same reason no tables giving statistics by industries for Fort Wayne and Gary are included in this report.

TABLE 3.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, BY SEX: 1939 AND 1929

[The 1939 questionnaire, for the first time, called for data on the *total* number of employees in manufacturing establishments, including those engaged wholly or chiefly in distribution, construction, and other nonmanufacturing activities. It is not known to what extent data for such employees were included in the figures reported for earlier years. This table presents detailed figures for employees receiving pay at any time within the *normal* pay-roll period ended nearest Oct. 14, 1939, and for such employees on the pay roll on Dec. 14, 1929, or on the nearest *representative* date. The total for "Wage earners engaged in manufacturing" is not identical with the average for the year given in other tables, and differs from the number reported for October 1939 or for December 1929, because for both years some manufacturers gave wage-earner figures for months other than those specified. See GENERAL EXPLANATIONS—Persons engaged—general classification]

CLASS AND SEX	1939 (Oct. 14) [1]	1929 (Dec. 14) [1]
All classes, aggregate [2]	376,047	340,549
Male	299,160	277,119
Female	76,887	63,430
Salaried officers and employees, total	63,096	43,225
Male	48,527	31,556
Female	14,569	11,669
Salaried officers of corporations, total	3,854	4,327
Male	3,559	4,111
Female	295	216
All other employees (except wage earners in manufacturing), total	59,242	38,898
Male	44,968	27,445
Female	14,274	11,453
Salaried officers and employees—Continued.		
All other employees, etc.—Continued.		
Engaged in manufacturing:		
Male	28,219	(3)
Female	8,867	
Engaged in distribution:		
Male	13,280	
Female	5,099	
Engaged in construction:		
Male	2,420	
Engaged in other work:		
Male	1,049	
Female	308	
Wage earners engaged in manufacturing, total	312,951	297,324
Male	250,633	245,563
Female	62,318	51,761

[1] See headnote.
[2] Figures do not include data for 2,450 proprietors and firm members for 1939 and 2,557 for 1929, which were not reported by sex for 1939.
[3] No data.

TABLE 4.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS: 1939, 1937, AND 1929

[The figures for 1939 relate to wage earners engaged in manufacturing only. It is not known to what extent the figures for earlier years include data for nonmanufacturing wage earners. See headnote to table 3]

CENSUS YEAR	Average number employed during year [1]	NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH—											
		January	February	March	April	May	June	July	August	September	October	November	December
1939	277,467	254,095	257,423	263,067	262,742	261,376	265,111	263,829	286,914	309,278	305,018	297,844	302,906
1937	313,342	294,586	307,532	315,575	319,382	324,220	315,000	320,121	336,592	343,469	324,508	292,167	266,949
1929	297,333	279,247	287,870	299,050	301,772	305,136	307,131	305,789	308,480	317,084	309,124	281,499	265,814

[1] See GENERAL EXPLANATIONS—Wage earners and wages.

TABLE 5.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY NUMBER OF WAGE EARNERS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS	VALUE ADDED BY MANUFACTURE [2]
	1939	1929	1939	1929	1939	1939
All establishments	4,337	4,919	277,467	297,333	$2,227,648,011	$970,211,797
No wage earners	110	116			4,118,219	2,242,098
1 to 5	1,619	2,020	4,650	5,862	37,772,081	18,524,244
6 to 20	1,166	1,250	12,940	13,749	94,380,211	44,117,323
21 to 50	584	632	19,058	21,227	135,296,990	58,276,339
51 to 100	340	361	24,468	26,530	170,492,452	74,406,151
101 to 250	322	330	50,492	50,516	356,187,729	153,394,637
251 to 500	109	118	39,050	40,870	296,211,643	135,626,594
501 to 1,000	61	52	41,109	35,096	341,782,984	156,150,518
1,001 to 2,500	15	29	24,423	42,423	246,747,316	86,106,400
2,501 or more	11	11	61,277	61,060	544,658,386	241,367,493

[1] See headnotes to tables 3 and 4.

[2] See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 6.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY VALUE OF PRODUCTS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
All establishments	4,337	4,919	277,467	297,333	$2,227,648,011	$2,468,524,903	$970,211,797	$1,096,515,628
$5,000 to $19,999	1,303	1,462	4,199	3,939	14,696,598	16,845,655	8,442,324	10,168,631
$20,000 to $49,999	900	1,021	6,660	6,435	28,892,706	33,347,284	15,616,935	18,544,048
$50,000 to $99,999	560	697	8,213	9,115	39,618,580	49,322,221	20,794,216	27,557,261
$100,000 to $249,999	622	667	19,714	19,395	100,420,047	104,924,249	49,972,496	55,768,408
$250,000 to $499,999	348	415	24,044	28,680	123,521,796	149,253,227	59,917,947	75,597,752
$500,000 to $999,999	262	318	30,926	36,783	180,298,388	222,175,472	84,794,739	109,083,100
$1,000,000 to $2,499,999	209	196	50,573	43,047	326,678,743	295,059,798	151,588,943	136,829,181
$2,500,000 to $4,999,999	73	74	31,321	33,406	244,336,693	254,525,816	114,428,514	126,340,217
$5,000,000 and over	60	69	101,817	116,533	1,169,184,460	1,343,071,181	464,655,683	536,627,030

[1] See headnotes to tables 3 and 4.

[2] See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 7.—ESTABLISHMENTS CLASSIFIED AS UNDER CORPORATE OR OTHER FORM OF OWNERSHIP (OR CONTROL) AND AS UNDER CENTRAL-ADMINISTRATIVE-OFFICE OR INDEPENDENT OPERATION: 1939 AND 1929

TYPE OF OWNERSHIP OR CONTROL, AND OF OPERATION	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
Total	4,337	4,919	277,467	297,333	$2,227,648,011	$2,468,524,903	$970,211,797	$1,096,515,628
TYPE OF OPERATION								
1939 [3]								
Corporate ownership or control:								
Central-administrative-office (plural-unit)	842	(3)	177,743	(3)	1,637,311,790	(3)	672,306,273	(3)
Independent (single-unit)	1,763	(3)	83,819	(3)	504,311,458	(3)	261,256,158	(3)
Noncorporate ownership:								
Central-administrative-office (plural-unit)	102	(3)	3,628	(3)	16,063,096	(3)	5,160,638	(3)
Independent (single-unit)	1,630	(3)	12,277	(3)	69,961,667	(3)	31,488,728	(3)
1939 AND 1929 [3]								
Central-administrative-office (plural-unit), corporate and noncorporate	944	688	181,371	165,891	1,653,374,886	1,597,043,372	677,466,911	659,309,940
Independent (single-unit), corporate and noncorporate	3,393	4,231	96,096	131,442	574,273,125	871,481,531	292,744,886	437,205,688
TYPE OF OWNERSHIP OR CONTROL								
Corporate	2,605	2,785	261,562	281,537	2,141,623,248	2,377,564,870	933,562,431	1,052,782,474
Noncorporate, total	1,732	2,134	15,905	15,796	86,024,763	90,960,033	36,649,366	43,733,154
Individual	1,155	(4)	7,484	(4)	36,141,897	(4)	16,956,748	(4)
Partnership	561	(4)	8,002	(4)	43,849,911	(4)	17,788,682	(4)
Cooperative	8	(4)	109	(4)	1,661,366	(4)	480,457	(4)
Other	8	(4)	310	(4)	4,371,589	(4)	1,423,479	(4)

[1] See headnotes to tables 3 and 4.

[2] See GENERAL EXPLANATIONS—Value added by manufacture.

[3] Because of changes in the questionnaire, no comparable figures for 1929 can be given for the first section of this table. For this reason, the items have been regrouped under "1939 and 1929" to present comparable figures so far as this can be done.

[4] No data.

TABLE 8.—GENERAL STATISTICS FOR

[* Starred figures are separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments, given, however, reported larger numbers of wage earners or larger

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
1		All industries, total	4,337	2,450	340,563	3,854	37,086	277,467	18,379	2,420	1,357
2	13	Abrasive wheels, stones, paper, cloth, and related products	3	-	36	6	4	23	3	-	
3	17	Agricultural machinery, except tractors	21	3	4,396	44	647	3,541	143	18	3
4	15	Alloying, and rolling and drawing of nonferrous metals, except aluminum	4	-	872	-	159	646	36	22	9
5	15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	8	6	1,182	7	157	992	18	8	-
6	13	Asbestos products (except steam packing and pipe and boiler covering)	5	-	585	9	49	516	11	-	-
7	14	Automobile stampings	5	-	584	13	56	484	31	-	-
8	18	Automobile trailers (for attachment to passenger cars)	8	3	512	12	26	448	26	-	-
9	16	Automotive electrical equipment	4	-	7,064	1	710	6,246	107	-	-
10	6	Baskets for fruits and vegetables	4	-	420	9	29	377	5	-	-
11	16	Batteries, storage and primary (dry and wet)	7	4	1,271	1	128	1,126	16	-	-
12	1	Biscuit, crackers, and pretzels	7	3	1,012	11	73	844	77	7	-
13	14	Blast-furnace products	3	-	1,863	-	155	1,605	-	103	-
14	17	Blowers (exhaust and ventilating fans)	4	-	345	9	40	273	23	-	-
15	14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	6	-	538	2	28	505	-	3	-
16	8	Bookbinding and related industries	17	12	871	15	87	683	71	15	-
17	8	Books: printing without publishing	16	8	590	13	87	485	5	-	-
18	8	Books: publishing and printing	3	-	279	6	26	229	17	1	-
19	8	Books: publishing without printing	8	2	211	8	160	1	42	-	-
20	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	390	405	6,250	71	389	5,004	675	22	89
21	13	Brick and hollow structural tile	27	13	1,263	29	82	1,102	47	2	1
22	20	Brooms	9	5	213	11	19	168	15	-	-
23	20	Brushes	5	2	93	1	4	88	-	-	-
24	1	Candy and other confectionery products	18	11	955	16	88	770	75	4	2
25	1	Canned and dried fruits and vegetables (including canned soups)	140	74	6,748	80	347	6,224	85	6	6
26	4	Canvas products (except bags)	11	3	302	16	41	214	27	2	2
27	19	Cars and car equipment—railroad, street, and rapid-transit	14	1	3,029	4	454	2,511	29	31	-
28	6	Caskets, coffins, burial cases, and other morticians' goods	32	17	1,042	34	115	787	106	-	-
29	13	Cement	5	-	1,310	4	122	1,079	71	33	1
30	1	Cheese	34	17	327	7	48	234	35	3	-
31	9	Chemicals not elsewhere classified	11	2	1,737	1	339	1,392	3	-	2
32	2	Cigars	11	7	1,422	12	71	1,309	27	-	3
33	13	Clay products (except pottery) not elsewhere classified	14	16	176	7	9	153	7	-	-
34	13	Clay refractories, including refractory cement (clay)	3	-	124	6	14	103	1	-	-
35	9	Cleaning and polishing preparations, blackings, and dressings	10	4	492	10	77	229	174	-	2
36	4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	6	2	336	6	16	314	-	-	-
37	14	Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills	3	-	526	5	49	391	72	7	2
38	9	Colors and pigments	3	-	351	2	51	219	49	8	22
39	17	Commercial laundry, dry-cleaning, and pressing machinery	4	1	69	4	11	53	1	-	-
40	16	Communication equipment	4	-	1,652	11	188	1,201	252	-	-
41	9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	12	-	234	5	45	151	33	-	-
42	13	Concrete products	92	76	790	36	67	637	44	2	4
43	1	Condensed and evaporated milk	19	2	421	8	44	305	41	16	7
44	17	Construction and similar machinery (except mining and oil-field machinery and tools)	8	-	1,056	17	228	788	23	-	-
45	7	Converted paper products not elsewhere classified	17	3	1,036	34	139	819	37	7	-
46	6	Cooperage	9	4	66	3	3	60	-	-	-
47	4	Corsets and allied garments	3	-	740	-	19	699	-	-	22
48	1	Creamery butter	91	46	1,466	30	267	925	230	11	3
49	14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	4	1	143	1	40	98	4	-	-
50	14	Doors, window sash, frames, molding, and trim (made of metal)	7		565	17	97	424	24	3	-
51	9	Drugs and medicines (including drug grinding)	38	16	3,037	39	240	1,834	635	7	282
52	16	Electrical appliances	7	-	196	10	18	140	28	-	-
53	16	Electrical products not elsewhere classified	3	1	51	1	11	34	3	2	-
54	15	Electroplating, plating, and polishing	20	8	288	21	21	241	4	1	-
55	8	Electrotyping and stereotyping, not done in printing establishments	5	-	179	10	16	145	8	-	-
56	17	Elevators, escalators, and conveyors	3	-	133	9	19	93	10	-	2
57	14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	7	1	537	8	47	465	17	-	-
58	8	Engraving (steel, copperplate, and wood); plate printing	10	13	87	4	11	69	3	-	-
59	7	Envelopes	3	1	191	3	10	143	29	6	-
60	20	Fabricated plastic products, not elsewhere classified	4	-	530	2	57	466	5	-	-
61	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	22	11	1,788	32	253	1,437	60	6	-
62	20	Feathers, plumes, and artificial flowers	3	4	194	3	6	172	13	-	-
63	9	Fertilizers	14	1	435	13	48	294	77	2	1
64	13	Flat glass	3	-	322	5	21	286	7	3	-
65	1	Flavoring extracts and flavoring sirups, not elsewhere classified	9	2	72	8	15	27	22	-	-
66	13	Floor and wall tile (except quarry tile)	3	-	538	8	63	441	26	-	-

See footnotes at end of table.

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and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures are values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
478,004,657	21,683,838	72,670,046	345,475,193	32,343,949	3,433,018	2,398,613	1,257,436,214	1,177,875,971	58,189,015	17,237,471	4,133,757	2,227,648,011	970,211,797	1
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	2
6,205,444	294,610	1,100,573	4,580,760	202,004	24,694	2,803	10,935,152	10,607,970	253,249	70,403	3,530	21,381,906	10,446,754	3
1,491,039	----------	382,511	950,251	115,525	28,533	14,219	9,057,103	8,797,951	103,436	109,649	46,067	11,586,509	2,529,406	4
1,665,539	148,028	254,570	1,220,889	30,602	11,450	----------	3,641,415	3,406,031	53,345	101,165	80,874	6,649,178	3,007,763	5
644,858	44,529	92,225	477,738	30,366	----------	----------	1,000,473	917,665	29,544	51,875	1,389	2,068,817	1,068,344	6
957,325	117,792	116,721	619,542	103,270	----------	----------	1,695,890	1,655,080	8,935	31,875	----------	3,114,788	1,418,898	7
605,091	72,014	23,771	481,938	27,368	----------	----------	1,675,272	1,666,764	3,446	5,062	----------	2,582,913	907,641	8
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	9
296,207	31,084	34,376	221,069	9,678	----------	----------	213,407	206,540	2,358	4,509	----------	696,145	482,738	10
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	11
1,262,793	70,457	119,718	938,682	122,532	11,404	----------	1,826,199	1,766,203	36,018	23,978	----------	3,836,640	2,010,441	12
3,244,522	----------	415,790	2,708,212	----------	120,520	----------	46,372,949	28,411,314	17,919,186	42,449	----------	51,935,042	5,562,093	13
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	14
800,455	14,400	65,520	714,087	----------	6,448	----------	1,873,966	1,762,791	39,516	46,242	25,417	3,399,032	1,525,066	15
1,334,918	71,480	161,144	993,124	82,688	26,482	----------	693,456	631,293	20,866	5,639	35,658	2,422,915	1,729,459	16
908,676	51,870	166,852	684,410	5,544	----------	----------	662,248	620,065	6,541	15,768	19,874	2,038,213	1,375,965	17
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	18
379,304	65,780	172,136	3,556	137,832	----------	----------	592,022	5,474	364	1,139	585,045	1,689,974	1,097,952	19
7,346,508	213,457	668,600	5,695,333	660,237	35,500	73,381	13,197,191	12,518,105	399,986	276,000	3,100	28,056,420	14,859,229	20
1,446,382	87,538	134,119	1,143,867	76,209	4,082	567	854,652	367,735	381,594	105,323	----------	3,143,078	2,288,426	21
184,143	24,896	20,497	116,995	21,755	----------	----------	276,436	268,846	2,724	4,528	338	610,309	333,873	22
92,646	1,995	7,305	83,346	----------	----------	----------	258,547	255,215	554	2,778	----------	634,419	375,872	23
1,017,669	124,020	126,619	582,424	177,818	6,035	753	2,708,371	2,646,117	39,850	22,404	----------	4,118,708	1,410,337	24
3,852,367	157,778	360,750	3,244,323	70,410	11,273	7,833	18,490,519	18,095,947	303,852	87,747	2,973	26,521,364	8,030,845	25
361,935	90,191	54,522	161,974	49,147	5,038	1,063	609,121	602,989	2,286	3,846	----------	1,110,841	501,720	26
4,772,274	24,830	1,049,575	3,593,878	62,914	41,077	----------	12,206,177	11,851,705	225,442	120,750	8,280	23,206,510	11,000,333	27
1,162,076	130,446	130,356	706,727	194,547	----------	----------	1,818,626	1,763,219	23,964	18,540	12,903	3,808,411	1,989,785	28
2,032,819	38,428	327,178	1,371,241	199,850	94,993	1,129	2,913,006	1,712,695	1,019,515	180,796	----------	10,311,977	7,398,971	29
350,628	8,773	79,109	210,816	47,866	4,064	----------	2,530,891	2,433,084	54,889	42,692	226	3,179,198	648,307	30
3,071,322	4,200	823,914	2,232,939	8,872	----------	1,397	9,303,273	8,803,216	393,428	106,629	----------	17,230,468	7,927,195	31
1,035,957	119,475	97,115	751,768	64,268	----------	3,331	1,779,114	1,768,040	7,783	3,291	----------	3,804,867	2,025,753	32
174,289	27,500	14,725	123,262	8,802	----------	----------	110,439	25,672	74,547	10,220	----------	426,476	316,037	33
158,970	19,545	29,955	105,697	3,773	----------	----------	123,792	95,824	20,592	7,376	----------	201,122	77,330	34
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	35
204,841	12,147	19,196	173,498	----------	----------	----------	1,094,272	1,088,277	608	3,341	2,046	1,939,098	844,826	36
1,032,060	112,333	153,124	596,054	149,468	18,854	2,227	6,247,701	6,094,957	69,895	82,849	----------	8,755,536	2,507,835	37
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	38
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	39
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	40
415,796	43,797	94,638	241,151	36,210	----------	----------	642,206	451,920	9,050	181,236	----------	2,679,942	2,037,736	41
1,034,395	140,119	105,562	731,298	50,310	2,182	4,924	2,287,349	2,222,119	35,756	27,941	1,533	4,704,198	2,416,849	42
514,985	25,234	76,449	327,639	50,482	23,964	11,217	6,939,282	6,744,502	150,109	44,671	----------	8,910,695	1,971,413	43
1,685,179	103,939	372,717	1,157,439	51,084	----------	----------	3,124,886	3,032,806	35,884	55,996	200	6,689,273	3,564,387	44
1,193,843	211,078	203,815	678,762	91,740	8,448	----------	2,064,739	1,973,636	40,423	50,630	50	3,889,401	1,824,662	45
62,962	3,402	5,982	53,578	----------	----------	----------	248,951	245,941	262	2,748	----------	376,706	127,755	46
(5)	----------	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	47
1,696,224	112,332	330,168	932,245	299,850	13,954	7,675	16,646,940	16,297,318	157,417	143,752	48,453	20,688,002	4,041,062	48
155,136	4,710	51,562	93,366	5,498	----------	----------	172,497	151,784	8,146	12,567	----------	401,749	229,252	49
948,718	88,333	217,638	544,962	93,625	4,160	----------	1,033,787	994,169	16,245	23,373	----------	2,529,994	1,496,207	50
5,805,761	475,680	529,972	2,367,996	1,426,700	13,937	991,476	8,475,903	8,279,837	104,818	91,248	----------	37,400,313	28,924,410	51
248,524	28,189	25,139	152,814	42,382	----------	----------	566,394	547,494	4,787	14,113	----------	821,736	255,342	52
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	53
382,706	84,498	31,319	261,729	4,478	682	----------	168,452	121,534	13,892	26,154	6,872	768,639	600,187	54
394,294	60,158	26,391	289,107	18,638	----------	----------	196,056	160,532	6,683	20,771	8,070	799,134	603,078	55
215,895	39,991	41,391	117,768	15,008	----------	1,737	218,060	206,649	2,794	5,617	3,000	578,680	360,620	56
644,730	52,520	82,336	490,822	19,052	----------	----------	1,147,468	1,117,898	14,321	12,749	2,500	2,507,758	1,360,290	57
73,719	8,262	11,995	50,157	3,305	----------	----------	59,933	55,632	703	1,931	1,667	191,785	131,852	58
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	59
672,912	7,484	110,236	535,743	19,449	----------	----------	1,177,019	1,135,855	15,957	25,207	----------	2,546,274	1,369,255	60
2,916,680	132,388	516,324	2,141,833	125,035	1,100	----------	6,077,154	5,919,848	58,784	91,772	6,750	10,211,637	4,134,483	61
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	62
550,180	84,619	81,383	236,327	143,577	3,368	906	2,447,488	2,420,770	3,112	23,606	----------	3,980,044	1,532,556	63
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	64
129,263	34,224	18,754	23,540	52,745	----------	----------	185,356	182,067	1,810	1,170	309	461,875	276,519	65
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	66

TABLE 8.—GENERAL STATISTICS FOR THE

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
1	1	Flour and other grain-mill products	126	121	1,669	68	240	1,106	231	9	15
2	1	Food preparations, not elsewhere classified	15	8	743	15	74	477	177	.....	.....
3	17	Food-products machinery	13	3	758	25	114	372	229	3	15
4	12	Footwear (except rubber)	8	.....	1,979	4	110	1,836	27	2	.....
5	14	Forgings, iron and steel—made in plants not operated in connection with rolling mills	9	.....	1,144	18	54	1,051	20	.....	1
6	4	Fur coats and other fur garments, accessories, and trimmings	5	2	22	5	2	14	1	.....	.....
7	20	Games and toys (except dolls and children's vehicles)	6	1	619	9	53	540	14	3	.....
8	8	General commercial (job) printing	226	176	2,864	153	363	2,058	285	5	.....
9	16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	8	2	5,351	11	1,207	3,984	68	28	53
10	13	Glass containers	9	.....	5,185	11	420	4,577	156	21	.....
11	9	Glue and gelatin	4	4	111	5	8	84	1	11	2
12	14	Gray iron and semisteel castings	67	13	5,469	97	398	4,916	47	10	1
13	9	Grease and tallow (except lubricating greases)	21	20	193	11	12	168	2	.....	.....
14	14	Hardware not elsewhere classified	13	5	792	18	132	592	49	1	.....
15	3	Hosiery—full-fashioned	5	4	5,322	13	196	4,740	373	.....	.....
16	4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	6	2	1,188	5	98	1,035	35	.....	15
17	4	Housefurnishings (except curtains, draperies, and bedspreads)	7	3	249	9	23	201	15	1	.....
18	6	Household furniture, except upholstered	107	23	11,132	157	781	9,877	288	21	8
19	1	Ice cream and ices	85	66	969	44	113	445	347	14	6
20	1	Ice, manufactured	114	36	990	89	122	496	247	6	30
21	12	Industrial leather belting and packing leather	4	3	19	3	4	10	2	.....	.....
22	17	Industrial machinery, not elsewhere classified	18	6	810	22	110	532	146	.....	.....
23	9	Insecticides, fungicides, and related industrial and household chemical compounds	10	2	69	8	5	47	9	.....	.....
24	16	Insulated wire and cable	4	.....	2,515	4	175	2,219	117	.....	.....
25	15	Jewelry (precious metals)	8	5	462	8	136	308	9	1	.....
26	6	Laboratory, hospital, and other professional furniture	6	.....	208	12	16	165	15	.....	.....
27	17	Laundry equipment, domestic	3	2	400	7	77	220	95	.....	1
28	12	Leather goods not elsewhere classified	4	5	40	.....	3	37	.....	.....	.....
29	12	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	5	2	364	6	23	333	2	.....	.....
30	15	Lighting fixtures	10	2	3,303	15	357	2,877	49	1	4
31	13	Lime	6	1	242	.....	13	225	2	2	.....
32	1	Liquors, distilled	4	.....	518	8	61	407	18	24	.....
33	1	Liquors, rectified or blended	3	.....	444	3	178	263	.....	.....	.....
34	8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	16	11	207	15	24	159	9	.....	.....
35	9	Lubricating oils and greases—not made in petroleum refineries	4	.....	87	9	6	23	48	1	.....
36	8	Machine and hand typesetting (including advertisement typesetting)	18	9	148	20	13	114	1	.....	.....
37	17	Machine-shop products, not elsewhere classified	80	40	4,559	81	734	3,455	215	22	52
38	17	Machine-shop repairs	28	35	164	11	8	144	1	.....	.....
39	17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	41	42	915	36	75	784	16	2	2
40	17	Machine tools	5	.....	1,233	15	160	879	137	12	30
41	14	Malleable-iron castings	6	.....	2,184	11	172	1,976	11	14	.....
42	1	Malt liquors	16	.....	2,275	49	160	1,650	368	21	27
43	6	Mattresses and bedsprings	18	10	472	13	54	373	31	.....	1
44	17	Measuring and dispensing pumps	4	.....	1,952	16	187	1,080	621	8	40
45	17	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	3	3	60	2	5	50	3	.....	.....
46	1	Meat packing, wholesale	67	53	6,202	75	555	4,315	1,076	127	54
47	17	Mechanical power-transmission equipment	13	4	4,551	29	479	3,513	493	18	19
48	4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	8	2	1,956	7	106	1,742	101	.....	.....
49	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	4	.....	1,907	7	103	1,741	56	.....	.....
50	4	Men's and boys' underwear—made in inside factories or by jobbers engaging contractors	4	.....	768	3	30	717	10	.....	8
51	17	Metalworking machinery and equipment, not elsewhere classified	5	1	163	12	20	127	4	.....	.....
52	13	Mineral wool	14	.....	1,079	18	109	892	24	36	.....
53	13	Mirrors and other glass products made of purchased glass	11	3	369	13	51	288	16	1	.....
54	20	Miscellaneous fabricated products not elsewhere classified	8	7	167	3	14	134	16	.....	.....
55	20	Models and patterns (except paper patterns)	23	26	195	9	13	171	2	.....	.....
56	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	51	16	2,200	56	163	1,936	43	.....	2
57	18	Motor vehicles, motor-vehicle bodies, parts and accessories	66	14	31,899	105	3,844	26,756	1,060	61	73
58	20	Musical instruments, parts, and materials not elsewhere classified	12	6	1,480	14	194	1,107	148	17	.....
59	8	Newspapers publishing and printing	240	200	5,734	142	1,625	2,981	982	4	.....
60	8	Newspapers: publishing without printing	12	5	51	5	38	.....	8	.....	.....
61	1	Nonalcoholic beverages	115	80	1,676	103	154	592	801	6	20
62	15	Nonferrous-metal foundries (except aluminum)	15	10	192	15	15	155	1	.....	6
63	15	Nonferrous-metal products not elsewhere classified	9	.....	956	20	118	737	41	25	15
64	6	Office furniture	13	2	1,512	40	119	1,337	16	.....	.....
65	14	Oil burners, domestic and industrial	3	1	58	5	6	33	14	.....	.....

See footnotes at end of table.

STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
2,285,460	316,871	374,925	1,164,415	411,391	9,584	8,274	17,798,418	17,430,672	149,061	218,685	----------	24,567,462	6,769,044	1
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	2
1,307,474	139,922	268,101	494,365	389,809	4,409	10,868	838,912	797,034	18,655	23,223	----------	3,138,348	2,299,436	3
1,663,628	11,645	140,901	1,485,744	24,591	747	----------	3,978,546	3,942,328	10,742	25,476	----------	6,749,002	2,770,456	4
1,795,534	85,261	117,611	1,562,502	29,460	----------	700	3,400,508	3,011,332	263,092	126,084	----------	6,454,013	3,053,505	5
22,837	6,695	1,819	13,526	797	----------	----------	36,560	35,515	75	796	174	78,342	41,782	6
593,145	75,840	64,722	427,704	21,084	3,795	----------	780,334	754,230	10,952	15,152	----------	1,720,817	940,483	7
4,099,760	542,490	603,810	2,532,364	413,715	7,381	----------	3,650,636	3,318,961	39,063	96,635	195,977	10,007,919	6,357,283	8
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	9
7,382,384	248,188	1,013,799	5,638,993	412,625	68,779	----------	11,951,801	9,856,844	1,619,290	475,667	----------	27,242,941	15,291,140	10
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	11
7,149,007	457,834	734,166	5,835,480	115,763	5,608	156	5,105,891	4,261,202	575,721	263,547	5,421	14,813,162	9,707,271	12
236,825	12,695	19,833	200,352	3,945	----------	----------	527,199	462,555	49,438	15,206	----------	1,028,853	501,654	13
1,013,286	148,790	202,965	529,635	129,709	2,187	----------	1,504,067	1,446,567	13,229	23,250	21,021	3,441,532	1,937,465	14
6,849,326	139,118	472,963	5,453,894	783,351	----------	----------	5,915,545	5,447,190	56,238	91,257	320,860	13,572,648	7,657,103	15
784,654	18,034	116,801	602,933	29,831	----------	17,055	1,597,736	1,577,171	6,782	13,783	----------	3,061,902	1,464,166	16
237,709	48,137	30,659	138,563	18,664	1,686	----------	454,073	448,165	3,092	2,816	----------	836,982	382,909	17
11,115,958	715,390	1,329,472	8,572,095	478,696	15,159	5,146	16,789,110	16,224,013	246,518	274,566	44,013	32,454,225	15,665,115	18
1,183,957	97,561	139,348	451,928	466,408	22,708	6,004	3,461,872	3,246,803	51,119	163,950	----------	6,658,911	3,197,039	19
1,241,130	265,545	164,656	536,414	249,787	10,101	14,627	759,228	226,744	225,981	306,503	----------	3,325,236	2,566,008	20
31,849	12,100	3,322	14,427	2,000	----------	----------	64,110	62,163	1,142	805	----------	107,242	43,132	21
1,222,047	144,358	159,025	561,763	356,901	----------	----------	1,402,476	1,331,596	15,090	28,321	27,469	3,358,610	1,956,134	22
142,739	43,834	11,829	46,521	40,555	----------	----------	267,068	258,676	3,443	3,167	1,782	521,041	253,973	23
2,682,847	55,096	281,038	2,232,622	114,091	----------	----------	8,050,699	7,861,350	70,072	119,277	----------	12,359,611	4,308,912	24
817,566	123,080	201,948	462,784	28,289	1,465	----------	1,126,069	1,060,715	3,469	7,195	54,690	2,666,707	1,540,638	25
287,160	48,742	23,455	161,773	53,190	----------	----------	297,064	290,765	2,949	3,350	----------	821,900	524,836	26
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	27
23,007	----------	3,033	19,974	----------	----------	----------	50,689	49,448	923	318	----------	103,246	52,557	28
423,232	37,500	43,437	339,195	3,100	----------	----------	2,256,538	2,220,612	27,049	8,877	----------	3,180,473	923,935	29
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	30
228,147	----------	23,705	193,463	4,333	6,646	----------	239,781	69,979	129,882	39,920	----------	660,597	420,816	31
635,553	49,195	97,343	443,042	24,660	21,313	----------	4,043,537	3,640,551	378,831	24,155	----------	7,667,912	3,624,375	32
(5)	(5)	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	33
316,454	63,853	38,375	195,951	18,275	----------	----------	441,085	400,835	3,788	9,062	27,400	1,023,369	582,284	34
179,197	36,480	9,620	21,754	110,315	1,028	----------	324,422	318,965	2,945	2,512	----------	413,853	89,431	35
300,179	76,787	19,424	202,948	1,020	----------	----------	64,944	55,448	3,066	4,939	1,491	485,303	420,359	36
6,904,166	454,987	1,360,382	4,615,663	344,851	34,073	94,210	9,034,490	8,565,100	214,592	246,452	8,346	23,886,281	14,851,791	37
257,335	26,187	10,698	218,890	1,560	----------	----------	132,713	116,413	5,065	10,927	308	564,017	431,304	38
1,811,087	158,307	171,833	1,438,849	37,832	2,438	1,828	821,754	731,656	13,715	36,980	39,403	3,481,309	2,659,555	39
2,331,464	150,496	363,557	1,434,968	312,006	17,845	52,592	1,604,510	1,530,917	24,833	48,760	----------	5,924,994	4,320,484	40
2,854,383	83,060	317,645	2,408,577	32,241	12,860	----------	2,176,444	1,733,032	340,591	95,490	7,331	5,969,943	3,793,499	41
4,161,621	343,636	392,234	2,588,593	793,375	18,563	25,220	4,360,777	4,061,285	178,508	120,984	----------	16,667,179	12,306,402	42
604,446	74,551	78,449	399,415	50,649	----------	1,382	1,250,509	1,227,720	7,811	14,978	----------	2,113,468	862,959	43
3,473,081	226,476	347,762	1,505,825	1,324,530	17,242	51,246	4,588,343	4,499,149	38,595	50,599	----------	12,601,217	8,012,874	44
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	45
8,464,440	322,920	960,660	5,419,179	1,571,085	134,348	56,248	66,342,344	65,635,308	369,757	335,406	1,873	80,292,977	13,950,633	46
7,376,905	362,613	980,662	5,130,613	858,394	24,354	20,269	5,237,219	4,896,628	149,546	186,962	4,083	18,885,152	13,647,933	47
1,618,096	34,647	133,583	1,355,198	94,668	----------	----------	2,907,181	2,852,666	27,125	9,798	17,592	5,174,155	2,266,974	48
2,112,952	58,792	185,871	1,786,803	81,486	----------	----------	3,288,026	3,264,936	8,834	13,184	1,072	7,731,542	4,443,516	49
509,764	7,800	42,631	434,929	15,967	----------	8,437	1,227,464	1,215,997	3,109	8,358	----------	2,223,365	995,901	50
229,863	54,400	26,688	141,328	7,447	----------	----------	239,982	224,379	5,639	8,464	1,500	582,647	342,665	51
1,229,571	61,726	177,191	922,367	34,533	33,754	----------	1,516,053	1,165,075	276,387	74,591	----------	3,886,326	2,370,273	52
410,298	54,334	79,296	248,565	27,534	569	----------	684,066	658,217	16,055	9,794	----------	1,308,974	624,908	53
164,162	8,315	15,838	88,130	51,879	----------	----------	304,887	298,207	2,599	4,081	----------	572,425	267,538	54
324,326	31,108	26,340	263,985	2,893	----------	----------	116,508	104,938	4,934	5,184	1,452	592,245	475,737	55
3,207,437	206,133	342,003	2,591,432	67,813	----------	56	2,210,423	1,872,690	20,388	290,066	27,279	7,838,825	5,628,402	56
52,256,555	956,164	7,565,958	41,030,011	2,505,946	88,033	110,443	156,536,126	153,104,279	1,683,304	1,271,662	476,881	252,684,069	96,147,943	57
2,204,446	93,537	314,124	1,511,019	264,452	21,314	----------	1,015,073	949,034	26,776	34,648	4,615	4,194,129	3,179,056	58
9,232,803	711,972	2,600,341	4,428,266	1,486,188	6,036	----------	4,974,796	4,366,351	82,231	212,548	313,666	21,908,882	16,934,086	59
75,057	18,640	41,662	----------	14,755	----------	----------	107,851	4,180	103	25	103,543	229,267	121,416	60
2,707,561	699,045	240,264	572,354	1,159,028	11,655	25,215	5,322,254	5,204,511	46,290	70,955	498	11,981,898	6,659,644	61
226,627	32,946	21,158	165,507	1,800	----------	5,216	351,190	323,612	16,314	9,518	1,746	709,703	358,513	62
1,290,221	177,988	173,735	836,960	59,406	35,995	6,137	1,653,671	1,566,793	31,869	51,913	3,096	4,182,869	2,529,198	63
1,727,926	113,241	257,221	1,335,089	22,375	----------	----------	2,452,989	2,334,832	36,723	51,643	29,791	5,370,104	2,917,115	64
106,309	17,400	7,872	38,976	42,061	----------	----------	303,408	302,587	128	693	----------	448,934	145,526	65

TABLE 8.—GENERAL STATISTICS FOR THE

	Group No.	INDUSTRY	* Number of establishments	* Proprietors and firm members	* PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
1	10	Oven coke and coke-oven byproducts	5	.....	2,417	4	195	2,001	3	168	46
2	9	Paints, varnishes, and lacquers	27	4	968	50	108	489	295	8	18
3	7	Paper and paperboard mills	16	.....	2,099	22	179	1,832	46	20	.....
4	7	Paperboard containers and boxes not elsewhere classified	32	4	3,095	50	334	2,419	283	8	1
5	6	Partitions, shelving, cabinet work, and office and store fixtures	8	4	172	8	15	140	8	1	.....
6	10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	3	.....	55	4	9	28	4	10	.....
7	9	Perfumes, cosmetics, and other toilet preparations	10	6	185	9	17	93	61	.....	5
8	8	Periodicals: publishing and printing	16	6	498	20	121	262	95	.....	.....
9	8	Periodicals: publishing without printing	25	6	190	16	78	10	86	.....	.....
10	10	Petroleum refining	7	1	7,336	2	847	6,384	20	83	.....
11	8	Photoengraving, not done in printing establishments (including preparation of plates)	18	13	329	30	45	206	48	.....	.....
12	20	Pianos	5	.....	386	12	19	318	37	.....	.....
13	1	Pickled fruits and vegetables and vegetable sauces and seasonings	20	8	902	16	58	763	57	2	6
14	5	Planing mills not operated in conjunction with sawmills	74	37	1,399	43	132	1,102	106	1	15
15	5	Plywood mills	5	2	841	16	58	755	12	.....	.....
16	1	Poultry dressing and packing, wholesale	30	20	289	7	26	235	21	.....	.....
17	14	Power boilers and associated products	10	6	417	14	50	229	124	.....	.....
18	1	Prepared feeds (including mineral) for animals and fowls	48	47	591	17	88	323	136	21	6
19	1	Preserves, jams, jellies, and fruit butters	4	3	38	1	.....	37	.....	.....	.....
20	6	Public-building furniture	4		377	12	24	317	20	4	.....
21	17	Pumping equipment and air compressors	14	7	1,344	14	203	936	187	.....	4
22	16	Radios, radio tubes, and phonographs	9		3,690	13	610	2,893	174	.....	.....
23	6	Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets	5	4	358	6	13	333	6	.....	.....
24	17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	12	2	7,498	27	1,004	6,059	354	47	7
25	10	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	5	2	337	5	37	283	4	8	.....
26	11	Rubber products not elsewhere classified	15	.....	3,635	34	352	3,101	96	48	4
27	12	Saddlery, harness, and whips	3	3	26	3	3	19	1	.....	.....
28	1	Salad dressings	4	1	611	2	57	543	9	.....	.....
29	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	11	5	263	11	26	183	40	.....	3
30	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	142	130	2,237	63	141	1,963	60	5	5
31	14	Saws	3	.....	1,209	8	96	1,097	8	.....	.....
32	14	Screw-machine products and wood screws	13	8	460	11	54	383	12	.....	.....
33	15	Secondary smelting and refining of nonferrous metals, not elsewhere classified	4	1	302	5	32	204	45	11	5
34	13	Sewer pipe and kindred products	3	.....	299	5	17	271	6	.....	.....
35	15	Sheet-metal work not specifically classified	29	12	819	38	92	613	65	.....	11
36	19	Shipbuilding and ship repairing	4	2	134	3	14	115	2	.....	.....
37	20	Signs, advertising displays, and advertising novelties	31	17	393	25	57	286	25	.....	.....
38	9	Soap and glycerin	6	2	1,639	1	306	1,255	77	.....	.....
39	9	Soybean oil, cake, and meal	3	6	276	.....	61	180	5	30	.....
40	17	Special-industry machinery, not elsewhere classified	4	.....	555	10	57	456	24	2	6
41	20	Sporting and athletic goods not elsewhere classified	12	10	415	12	62	340	1	.....	.....
42	14	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	3	.....	339	6	50	255	15	8	5
43	14	Stamped and pressed metal products (except automobile stampings)	24	15	1,592	27	201	1,318	44	1	1
44	14	Steam and hot-water heating apparatus (including hot-water furnaces)	4	.....	501	5	35	413	42	6	.....
45	14	Steam fittings, regardless of material	7	1	295	14	45	199	37	.....	.....
46	14	Steel castings	6	.....	2,371	15	229	2,017	76	34	.....
47	14	Steel works and rolling mills	9	.....	42,362	10	4,965	36,319	160	847	61
48	17	Stokers, mechanical, domestic and industrial	9	3	497	15	69	325	84	.....	4
49	14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	19	3	1,488	37	142	1,099	185	9	16
50	12	Suitcases, brief cases, bags, trunks, and other luggage	6	6	95	.....	7	78	10	.....	.....
51	20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	6	3	115	7	15	85	8	.....	.....
52	13	Tableware, pressed or blown glass, and glassware not elsewhere classified	6	.....	1,519	12	98	1,377	29	3	.....
53	14	Tincans and other tinware not elsewhere classified	7	.....	551	4	119	427	.....	1	.....
54	2	Tobacco (chewing and smoking) and snuff	3	6	10	.....	.....	10	.....	.....	.....
55	14	Tools (except edge tools, machine tools, files, and saws)	10	6	276	7	38	226	5	.....	.....
56	19	Transportation equipment not elsewhere classified	4	.....	240	6	24	200	.....	10	.....
57	4	Trousers (semidress), wash suits, and washable service apparel	10	4	1,874	8	135	1,667	62	.....	2
58	6	Upholstered household furniture	32	10	2,281	42	180	1,954	104	1	.....
59	6	Venetian blinds	4	2	111	1	6	101	3	.....	.....
60	14	Vitreous enameled products, including kitchen, household, and hospital utensils	3	.....	541	7	44	453	37	.....	.....
61	6	Window shades	6	6	80	2	7	60	9	2	.....
62	14	Wire drawn from purchased rods	6	.....	1,895	7	243	1,591	47	7	.....
63	14	Wirework not elsewhere classified	19	10	1,215	20	133	1,048	14	.....	.....
64	16	Wiring devices and supplies	3	.....	371	5	38	316	7	.....	5
65	4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	3	.....	1,173	7	38	661	414	.....	53

See footnotes at end of table.

STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
3,770,201	22,530	476,058	2,971,510	5,367	196,823	97,913	36,403,442	35,582,589	724,583	96,270	----------	43,559,216	7,155,774	1
2,171,037	326,646	232,141	638,733	911,713	11,463	50,341	4,794,868	4,722,200	31,596	41,072	----------	9,376,700	4,581,832	2
2,823,176	147,471	413,555	2,091,702	136,899	33,549	----------	7,219,185	6,326,087	681,767	206,534	4,797	13,100,711	5,881,526	3
3,851,957	314,429	535,706	2,519,265	479,119	2,283	1,155	10,430,218	10,238,406	96,321	91,410	4,081	17,655,002	7,224,784	4
198,481	20,365	37,527	125,066	9,523	6,000	----------	200,589	190,923	4,048	4,970	648	488,941	288,352	5
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	6
342,945	114,976	37,154	79,448	107,290	----------	4,077	566,498	561,246	2,362	2,890	----------	1,655,503	1,089,005	7
691,557	80,753	185,255	296,956	128,593	----------	----------	496,212	441,516	7,479	9,696	37,521	1,937,365	1,441,153	8
340,196	44,397	138,957	19,407	137,435	----------	----------	816,279	377,940	173	955	437,211	1,821,135	1,004,856	9
14,623,011	3,795	2,346,289	12,159,925	36,270	76,732	----------	131,177,662	125,048,089	5,578,578	550,995	----------	182,566,697	51,389,035	10
754,362	129,782	68,234	460,949	95,397	----------	----------	168,244	118,808	3,128	11,834	34,474	1,217,148	1,048,904	11
376,443	36,523	17,180	282,371	40,369	----------	----------	612,095	577,870	28,398	5,827	----------	1,010,323	398,228	12
626,849	37,729	75,849	467,709	37,407	2,475	5,680	3,827,020	3,749,540	58,410	19,070	----------	5,346,338	1,519,318	13
1,723,763	166,643	208,049	1,178,794	156,233	1,121	12,923	3,090,776	2,986,375	33,283	69,398	1,720	5,874,188	2,783,412	14
837,074	67,765	108,328	634,874	26,107	----------	----------	1,697,243	1,605,371	15,727	22,365	53,780	2,754,822	1,057,579	15
186,060	10,670	30,134	130,647	14,609	----------	----------	1,762,998	1,745,149	7,168	10,681	----------	2,110,107	347,109	16
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	17
710,153	62,338	135,346	324,597	151,530	29,341	7,001	6,657,868	6,553,976	27,380	76,512	----------	9,917,586	3,259,718	18
40,919	7,812	----------	33,107	----------	----------	----------	113,655	109,685	2,225	1,745	----------	163,220	49,565	19
489,891	76,726	51,071	308,766	50,995	2,333	----------	643,275	626,793	11,709	4,773	----------	1,468,768	825,493	20
1,807,778	96,528	348,517	1,141,560	217,283	----------	3,890	2,097,786	2,000,303	47,793	40,183	9,507	5,901,236	3,803,450	21
4,481,812	143,546	1,049,252	2,923,029	365,985	----------	----------	11,222,136	11,008,108	63,005	132,291	18,732	17,422,539	6,200,403	22
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	23
11,431,026	401,285	2,160,694	8,136,307	680,401	48,024	4,315	28,978,272	28,374,708	266,340	334,674	2,550	54,675,833	25,697,561	24
513,271	85,986	64,406	328,411	19,818	14,650	----------	2,596,849	2,548,493	16,363	31,993	----------	4,018,614	1,421,765	25
3,814,991	245,151	637,346	2,698,016	161,348	69,064	4,066	5,251,220	4,808,858	145,018	273,030	24,314	11,079,788	5,828,568	26
31,552	10,125	3,858	16,148	1,421	----------	----------	48,108	46,358	942	808	----------	103,183	55,075	27
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	28
452,228	97,921	46,300	252,030	52,692	----------	3,285	2,603,964	2,567,619	15,420	20,925	----------	3,426,339	822,375	29
2,033,944	319,280	190,300	1,418,163	95,364	4,160	6,677	2,733,829	2,524,418	67,812	72,756	68,843	6,195,739	3,461,910	30
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	31
636,259	60,364	82,396	476,724	16,775	----------	----------	885,435	807,639	11,807	42,219	23,770	1,844,686	959,251	32
447,914	30,216	81,879	231,481	84,464	14,100	5,774	3,970,315	3,850,396	91,492	28,427	----------	5,063,359	1,093,044	33
369,403	28,544	25,583	296,647	18,629	----------	----------	227,976	101,357	119,131	7,488	----------	875,642	647,666	34
1,017,962	136,714	136,699	599,554	134,970	----------	10,025	1,696,612	1,668,872	10,791	16,342	607	3,443,389	1,746,777	35
167,976	4,850	15,913	146,236	977	----------	----------	140,687	136,526	832	3,329	----------	409,553	268,866	36
514,125	75,091	89,759	306,525	42,750	----------	----------	453,532	427,085	6,916	13,342	6,189	1,258,944	805,412	37
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	38
(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	39
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	40
498,763	86,675	77,937	327,079	7,072	----------	----------	672,483	655,911	4,947	10,125	1,500	1,442,060	769,577	41
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	42
2,009,710	106,525	368,088	1,462,840	66,832	1,161	4,264	2,849,668	2,670,795	47,953	70,134	60,786	5,613,807	2,764,139	43
599,851	15,232	71,178	384,119	121,700	7,622	----------	641,037	580,068	40,883	20,086	----------	1,585,836	944,799	44
494,508	70,635	60,505	288,917	74,451	----------	----------	716,269	695,700	4,957	12,714	2,898	1,573,949	857,680	45
4,010,030	154,301	573,690	3,078,217	137,297	66,525	----------	3,301,679	2,659,215	332,130	310,334	----------	9,921,660	6,619,981	46
71,487,323	193,392	11,837,778	57,731,907	378,385	1,248,620	97,241	165,756,215	146,494,625	15,908,113	3,348,286	5,191	301,268,709	135,512,494	47
688,182	87,809	104,200	343,772	149,370	----------	3,031	1,445,009	1,417,668	10,444	16,897	----------	2,612,060	1,167,051	48
2,312,283	224,115	231,223	1,327,821	501,848	8,149	19,127	3,125,507	2,928,730	59,932	53,347	83,498	7,095,668	3,970,161	49
97,174	----------	9,596	74,750	12,828	----------	----------	215,418	213,822	681	915	----------	360,781	145,363	50
167,282	30,348	25,589	101,064	10,281	----------	----------	479,100	462,320	2,562	6,862	7,356	976,262	497,162	51
2,159,756	110,883	231,136	1,744,536	63,704	9,497	----------	1,476,428	956,696	399,432	111,934	8,366	4,682,563	3,206,135	52
(5)	(5)	(5)	(5)	----------	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	53
8,112	----------	----------	8,092	20	----------	----------	26,451	25,770	460	221	----------	49,594	23,143	54
274,533	17,690	50,788	201,554	4,501	----------	----------	493,611	477,621	8,569	7,421	----------	993,671	500,060	55
(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	56
1,337,772	129,810	145,686	976,339	77,637	----------	8,300	2,772,295	2,744,797	12,047	15,451	----------	4,649,956	1,877,661	57
2,443,055	149,495	257,499	1,809,432	225,464	1,165	----------	3,844,644	3,749,960	34,007	60,677	----------	7,530,278	3,685,634	58
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	59
777,353	65,475	109,723	543,216	58,939	----------	----------	1,046,731	969,013	65,710	12,008	----------	2,461,869	1,415,138	60
74,299	3,300	10,820	50,641	8,640	898	----------	176,307	164,545	1,875	910	8,977	370,649	194,342	61
2,912,247	121,944	513,474	2,143,971	121,190	11,668	----------	10,072,885	9,688,980	212,618	171,287	----------	14,904,417	4,831,532	62
1,655,357	171,215	274,564	1,171,924	37,654	----------	----------	2,605,324	2,519,623	32,285	50,782	2,634	5,599,936	2,994,612	63
508,337	24,988	70,045	383,042	25,152	----------	5,110	827,562	800,766	12,546	14,250	----------	1,499,505	671,943	64
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	65

TABLE 8.—GENERAL STATISTICS FOR THE

	Group	INDUSTRY	* Number of establishments	* Proprietors and firm members	* PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1]						
					Total [2]	Salaried officers of corporations [2]	Manufacturing		Distribution	Construction	Other
							Salaried employees [2]	Wage earners (average for year) [3]			
1	4	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	3	...	167	6	9	141	11	...	...
2	6	Wooden boxes except cigar boxes	15	8	520	7	32	478	3	...	...
3	6	Wood preserving	5	...	310	3	17	288	2	...	...
4	6	Wood products not elsewhere classified	26	13	914	23	91	771	26	3	...
5	17	Woodworking machinery	5	...	122	13	22	84	3	...	...
6	3	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	4	1	872	8	44	817	3	...	...
7	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	31	9	4,427	36	182	4,064	121	4	20
8	4	Work gloves and mittens, cloth, cloth and leather combined	18	9	1,878	12	55	1,777	33		1
9	4	Work shirts	5		1,549	1	65	1,444	20	...	19
10	14	Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills	4	...	444	5	31	404	4	...	...
11		Other industries [6]	316	105	52,520	384	6,250	42,684	2,721	229	252
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]									
12	1	Food and kindred products	38	11	3,425	46	491	2,544	300	43	1
13	3	Textile-mill products and other fiber manufactures	16	1	3,450	12	204	3,196	38	...	...
14	4	Apparel and other finished products made from fabrics and similar materials	29	12	4,676	27	235	3,810	502	3	99
15	6	Furniture and finished lumber products	16	10	754	20	43	679	12	...	
16	7	Paper and allied products	11	6	741	20	56	571	70	14	10
17	8	Printing, publishing, and allied industries	6	6	503	6	29	344	123	1	...
18	9	Chemicals and allied products	35	17	3,082	23	525	2,147	312	49	26
19	12	Leather and leather products	4	3	303	8	17	276	2	...	...
20	13	Stone, clay, and glass products	19	2	1,999	25	169	1,750	48	7	...
21	14	Iron and steel and their products, except machinery	36	6	4,130	55	450	3,417	171	15	22
22	15	Nonferrous metals and their products	16	4	4,193	20	478	3,614	55	9	17
23	16	Electrical machinery	31	10	15,763	38	2,292	12,885	462	30	56
24	17	Machinery (except electrical)	28	9	2,471	51	295	1,861	249	8	7
25	19	Transportation equipment except automobiles	8		1,190	12	202	966	...	10	...
26	20	Miscellaneous industries	16	7	1,225	16	64	1,114	31	...	
27	5	Lumber and timber basic products	1	1	1	...	...	1	...	...	
	10	Products of petroleum and coal	3		55	4	9	28	4	10	...
	11	Rubber products	3	...	4,559	1	691	3,481	342	30	14

* As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.

[2] Figures do not include data for personnel of central-administrative offices.

[3] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [3]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	1
424,738	21,400	43,154	354,950	5,234	----------	----------	951,150	929,814	2,032	19,135	169	1,696,371	745,221	2
336,852	21,933	34,358	278,403	2,158	----------	----------	2,093,039	2,052,026	32,698	8,315	----------	2,769,480	676,441	3
873,049	111,619	121,757	601,010	35,917	2,746	----------	1,190,312	1,076,766	17,060	32,761	63,725	2,419,492	1,229,180	4
179,557	43,377	25,381	104,795	6,004	----------	----------	239,331	189,690	2,154	6,604	40,883	558,058	318,727	5
886,270	59,781	86,915	736,598	2,976	----------	----------	1,840,767	1,766,887	52,771	21,109	----------	3,210,846	1,370,079	6
3,299,188	148,871	242,718	2,700,726	177,205	3,463	26,205	7,408,086	7,332,860	30,184	39,726	5,316	12,157,480	4,749,394	7
1,439,539	54,896	75,737	1,216,928	91,318	----------	660	2,264,272	2,233,834	8,127	22,311	----------	4,581,915	2,317,643	8
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	9
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	10
71,811,309	2,568,163	12,902,672	51,268,602	4,306,817	395,469	369,586	178,738,217	172,956,150	2,881,057	2,438,793	462,217	351,190,761	172,452,544	11
5,355,154	472,472	1,006,462	3,242,139	507,035	82,972	44,074	31,610,836	30,922,736	584,091	104,009	----------	52,831,109	21,220,273	12
3,072,466	60,466	310,440	2,661,654	39,906	----------	----------	4,649,122	4,495,990	115,364	37,768	----------	9,870,657	5,221,535	13
3,785,866	163,332	348,210	2,751,285	421,000	3,705	98,334	9,319,654	9,227,856	30,318	61,480	----------	15,839,279	6,519,625	14
759,745	136,093	80,382	511,032	32,238	----------	----------	743,553	710,539	6,208	26,806	----------	1,845,641	1,102,088	15
937,632	99,603	119,417	549,365	133,504	20,493	15,250	1,890,194	1,851,986	19,708	16,124	2,376	3,533,563	1,643,369	16
757,112	42,000	41,088	419,436	252,607	1,981	----------	779,371	558,080	8,548	11,296	201,447	1,988,679	1,209,308	17
4,509,520	84,329	1,054,271	2,708,239	565,945	63,038	33,698	32,162,462	31,314,714	478,779	368,969	----------	67,302,462	35,140,000	18
245,845	20,858	20,881	201,609	2,497	----------	----------	478,796	473,553	1,034	4,209	----------	868,147	389,351	19
2,469,525	85,900	287,482	1,973,123	107,134	15,886	----------	2,708,667	2,166,215	394,358	137,201	10,893	7,898,618	5,189,951	20
5,649,617	305,477	979,592	4,058,651	242,718	33,065	30,114	17,382,164	16,771,305	297,775	206,267	106,817	29,097,983	11,715,819	21
5,799,062	127,247	1,075,101	4,476,350	94,532	11,437	14,395	22,355,142	21,822,474	247,435	252,215	33,018	33,519,087	11,163,945	22
25,308,394	467,438	5,379,100	18,486,278	832,934	57,695	84,949	29,149,553	27,889,750	443,698	809,880	6,225	78,576,915	49,427,362	23
4,082,539	360,245	745,071	2,343,045	585,100	14,498	34,580	7,464,307	7,305,956	72,736	57,763	27,852	15,463,485	7,999,178	24
1,896,367	51,029	332,040	1,507,298	----------	4,000	2,000	2,839,991	2,770,931	18,971	34,468	15,621	5,210,623	2,370,632	25
1,338,359	84,224	104,064	1,104,106	45,965	----------	----------	4,002,240	3,877,991	27,285	38,996	57,968	6,319,160	2,316,920	26
5,844,106	7,450	1,019,071	4,274,992	443,702	86,699	12,192	11,202,165	10,796,074	134,749	271,342	----------	21,025,353	9,823,188	27

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures
[6] For numbers of establishments and of wage earners in individual industries, see table 12.

TABLE 9.—GENERAL STATISTICS FOR

(The [illegible] presents, for the industrial areas, separate figures for each industry for which it is possible to publish such figures, without disclosing exact or approximate data for which combined figures are given, however, reported larger numbers of

	Group No.	INDUSTRY	Number of establishments	Proprietors and firm members	PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1]						
					Total [2]	Salaried officers of corporations [2]	Manufacturing		Distribution	Construction	Other
							Salaried employees [2]	Wage earners (average for year) [3]			
		CHICAGO INDUSTRIAL AREA									
1		All industries, total	9,921	5,608	616,914	9,827	66,519	483,593	51,061	4,464	1,450
2	13	Abrasive wheels, stones, paper, cloth, and related products	17	5	594	19	43	465	65	2	
3	17	Agricultural machinery (except tractors)	13		5,532	25	740	4,582	154	12	19
4	19	Aircraft and parts, including aircraft engines	4		102	6	18	71	4	3	
5	15	Alloying, and rolling and drawing of nonferrous metals, except aluminum	15	2	1,556	14	268	1,079	136	50	9
6	15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	10	5	809	13	54	644	96		2
7	15	Aluminum ware, kitchen, hospital, and household (except electrical appliances)	4	2	184	2	9	154	15		4
8	20	Artists' materials	4	6	22		4	15	3		
9	14	Automobile stampings	7	4	677	7	89	561	6	14	
10	18	Automobile trailers (for attachment to passenger cars) [b]	7	10	204	2	22	164	14		2
11	16	Automotive electrical equipment [a]	12	8	571	17	95	389	65	3	2
12	1	Baking powder, yeast, and other leavening compounds	6		1,068	9	174	607	264	14	
13	16	Batteries, storage and primary (dry and wet)	17	1	469	27	48	320	74		
14	3	Batting, padding, and wadding; upholstery filling [a]	10	5	464	14	34	388	28		
15	20	Beauty shop and barber-shop equipment [a]	14	2	855	20	130	619	86		
16	4	Belts (apparel), regardless of material	18	20	457	20	13	393	31		
17	1	Biscuit, crackers, and pretzels [a]	23	5	4,372	16	237	3,656	413	22	28
18	14	Blast-furnace products	7		3,866		431	3,110		325	
19	1	Blended and prepared flour made from purchased flour	4	1	116	6	18	44	48		
20	17	Blowers; exhaust and ventilating fans	4	1	274	5	26	205	29	2	7
21	8	Bookbinding and related industries	108	72	4,152	121	329	3,478	205	19	
22	8	Books: printing without publishing	55	17	4,147	100	390	3,375	282		
23	8	Books: publishing and printing	24	5	632	38	138	339	117		
24	8	Books: publishing without printing [b]	91	20	2,661	139	857	22	1,643		
25	12	Boot and shoe cut stock and findings	15	9	407	16	29	345	17		
26	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	1,169	1,178	14,249	139	623	11,735	1,608	28	116
27	13	Brick and hollow structural tile	14	4	685	6	35	576	68		
28	20	Brooms	12	17	176	2	5	162	7		
29	20	Brushes [a]	21	12	492	21	19	391	61		
30	20	Buttons	11	6	130	12	6	108	4		
31	1	Candy and other confectionery products	105	44	14,076	120	747	11,684	1,422	38	65
32	1	Canned and dried fruits and vegetables (including canned soups)	14		2,716	18	259	2,364	66	6	3
33	4	Canvas products (except bags)	15	6	336	22	25	240	45	3	1
34	20	Carbon paper and inked ribbons	9	4	489	6	15	174	294		
35	3	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	3		66	5	3	53	5		
36	19	Cars and car equipment—railroad, street, and rapid-transit	21		7,367	5	1,103	6,246	1	10	2
37	17	Cars and trucks, industrial [a]	5		638	9	115	380	134		
38	6	Caskets, coffins, burial cases, and other morticians' goods	36	23	1,829	34	155	1,416	224		
39	1	Cereal preparations	5		674	10	34	577	40	13	
40	1	Cheese	4	3	56	3	4	34	15		
41	9	Chemicals not elsewhere classified	28	1	2,723	24	442	2,130	35	86	6
42	4	Children's dresses—made in inside factories or by jobbers engaging contractors	4	3	148	3	6	136	3		
43	13	China firing and decorating (for the trade)	7	4	298	5	22	244	24	3	
44	1	Chocolate and cocoa products	3		157		14	142	1		
45	2	Cigars	40	45	258	4	8	239	7		
46	9	Cleaning and polishing preparations, blackings, and dressings	69	28	1,227	67	110	719	321	2	8
47	15	Clocks, watches, and materials and parts (except watchcases)	10	2	2,846	10	181	2,324	163	71	97
48	4	Clothing, leather and sheep-lined [a]	8	13	224		8	205	11		
49	3	Cloth sponging and miscellaneous special finishing	8	2	397	7	30	346	14		
50	7	Coated and glazed paper	8		690	20	60	508	102		
51	4	Coats, suits, and skirts (except fur coats)—made in contract factories [a]	15	20	363	3	2	353	1		4
52	4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors [a]	67	42	2,217	82	101	1,878	147		9
53	9	Colors and pigments	6		517	5	78	354	50	8	22
54	16	Communication equipment	38	9	19,684	103	4,453	13,764	950	313	101
55	9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	19		464	5	42	279	138		
[illegible]	13	Concrete products	60	37	678	26	46	555	44		7
57	1	Condensed and evaporated milk	8	2	117	1	17	84	15		
58	17	Construction and similar machinery (except mining and oil-field machinery and tools)	15	1	1,694	30	175	1,286	176	22	5
59	1	Cooking and other edible fats and oils, not elsewhere classified	3		376		66	281	29		
60	6	Cooperage	16	4	655	20	43	577	15		
61	4	Corsets and allied garments [b]	19	10	2,217	28	145	1,675	361	1	7
62	20	Costume jewelry and costume novelties (jewelry other than fine jewelry)	9	7	348	11	27	274	36		
63	3	Cotton narrow fabrics	4		401	12	19	333	24	6	7
64	1	Creamery butter	13	6	163	9	30	96	25		3
65	1	Cured fish	5		79	5	5	58	11		
66	4	Curtains, draperies, and bedspreads—contract factories	8	6	238	6	9	223			

See footnotes at end of table.

INDUSTRIAL AREAS, BY INDUSTRIES: 1939

for individual establishments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries wage earners or larger values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
CHICAGO INDUSTRIAL AREA														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
953,275,380	62,057,457	143,612,165	640,533,131	97,838,090	7,405,578	1,828,959	2,367,826,185	2,216,493,646	87,203,416	26,320,033	37,809,090	4,277,815,582	1,909,989,397	1
895,336	166,523	84,576	482,741	157,196	4,300	----	1,544,067	1,509,985	18,472	15,610	----	3,501,449	1,957,382	2
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	3
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	4
2,754,804	122,269	641,856	1,578,443	314,078	83,939	14,219	17,996,291	17,641,908	163,229	191,154	----	23,669,215	5,672,924	5
1,465,787	136,533	123,127	1,003,975	199,142	----	3,010	1,690,294	1,611,199	44,336	34,759	----	3,923,237	2,232,943	6
(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	7
28,468	----	4,415	19,896	4,157	----	----	29,809	27,653	454	663	1,039	111,815	82,006	8
917,708	43,920	162,711	644,364	22,831	43,882	----	1,180,880	1,106,755	30,293	43,832	----	2,572,435	1,39 ,555	9
229,501	3,600	30,597	156,903	36,841	----	1,560	816,292	800,473	2,090	5,066	8,663	1,232,008	445,776	10
816,397	88,486	154,131	456,556	110,495	4,649	2,080	1,608,116	1,518,324	23,248	44,469	22,075	3,097,411	1,489,295	11
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	12
706,424	92,460	77,218	437,256	99,490	----	----	2,773,897	2,682,879	22,479	68,539	----	4,216,925	1,443,028	13
548,558	58,454	61,008	379,683	49,413	----	----	1,435,274	1,385,124	11,925	38,225	----	2,495,173	1,059,899	14
973,271	136,256	177,568	506,662	152,785	----	----	1,668,871	1,638,523	3,909	19,738	6,701	3,263,047	1,594,176	15
467,401	71,600	20,409	330,609	44,783	----	----	806,506	798,600	598	5,787	1,521	1,528,954	722,448	16
5,221,894	120,263	458,517	3,646,770	922,932	34,807	38,605	11,453,852	11,193,452	184,097	76,303	----	27,568,398	16,114,546	17
6,406,205	----	1,168,465	4,884,204	----	353,536	----	86,788,876	52,095,292	34,450,507	243,077	----	98,642,347	11,853,471	18
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	19
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	20
5,595,608	610,780	601,655	3,967,215	380,096	35,862	----	4,510,749	4,166,613	43,152	101,158	199,826	14,156,976	9,646,227	21
7,520,093	681,499	967,854	5,287,662	583,078	----	----	5,311,643	4,598,335	75,873	155,922	481,513	15,607,904	10,296,261	22
1,175,839	209,180	243,546	546,141	176,972	----	----	1,267,650	985,909	6,676	24,977	250,088	3,682,272	2,414,622	23
4,502,915	950,795	1,338,653	22,636	2,190,831	----	----	7,655,786	1,661,364	3,194	16,379	5,974,849	21,596,591	13,940,805	24
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	25
20,670,241	597,061	1,292,833	17,169,234	1,460,663	47,255	103,195	34,819,893	33,090,361	1,057,891	671,641	----	73,086,206	38,266,313	26
884,079	9,834	50,246	725,977	98,022	----	----	370,137	69,493	264,459	36,185	----	1,852,906	1,482,769	27
183,751	9,813	4,898	159,604	9,436	----	----	302,287	294,234	3,379	4,070	604	541,648	239,361	28
605,412	109,283	35,512	360,991	99,626	----	----	1,322,796	1,299,833	5,947	16,291	725	2,444,946	1,122,150	29
115,689	29,162	6,455	73,992	6,080	----	----	91,029	88,855	125	2,049	----	259,324	168,295	30
16,282,216	1,222,840	1,548,723	10,882,939	2,493,281	58,948	75,485	51,131,819	50,223,744	364,273	500,143	43,659	87,469,764	36,337,945	31
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	32
418,736	93,911	38,810	217,824	62,341	4,810	1,040	658,612	647,808	3,367	5,797	1,640	1,272,274	613,662	33
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	34
78,131	22,013	4,049	47,011	5,058	----	----	124,677	116,021	837	1,758	6,061	247,633	122,956	35
11,546,565	12,640	2,504,347	9,006,876	1,800	19,629	1,273	20,823,000	20,335,178	310,067	177,755	----	36,127,215	15,304,215	36
913,128	56,500	194,388	489,637	172,603	----	----	1,283,818	1,240,320	10,473	33,025	----	3,020,825	1,737,007	37
2,963,347	251,465	314,445	1,768,444	615,333	----	13,660	3,411,033	3,300,823	45,149	59,969	5,092	8,030,339	4,619,306	38
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	39
97,699	29,000	4,200	37,058	27,441	----	----	231,063	220,303	4,779	5,981	----	407,921	176,858	40
4,693,464	181,148	1,073,507	3,249,332	65,563	116,151	7,763	13,997,545	13,134,431	665,931	197,063	120	26,406,571	12,409,026	41
114,379	11,800	8,030	90,140	4,409	----	----	194,172	187,391	58	2,081	4,642	338,979	144,807	42
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	43
(5)	----	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	44
212,774	5,960	8,123	194,356	4,335	----	----	264,807	261,960	1,496	1,351	----	624,806	359,999	45
1,808,578	395,362	215,143	673,061	508,193	2,486	14,333	5,348,716	5,275,515	30,533	40,729	1,939	11,817,112	6,468,396	46
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	47
277,362	----	7,109	259,113	11,140	----	----	741,384	737,728	100	3,265	291	1,220,352	478,968	48
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	49
1,205,583	178,465	127,042	670,431	219,569	----	10,076	5,401,923	5,314,017	23,765	60,796	3,345	7,644,280	2,242,357	50
368,663	9,047	2,738	355,415	115	----	1,348	20,765	13,495	2,049	5,221	----	486,613	465,848	51
3,202,117	337,269	178,049	2,360,347	318,970	----	7,482	6,117,359	5,588,997	7,139	35,503	485,720	11,291,573	5,174,214	52
818,758	28,743	198,370	471,028	73,686	16,015	30,916	4,460,683	4,225,097	132,238	103,348	----	6,207,710	1,747,027	53
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	54
808,760	14,750	96,251	440,180	257,579	----	----	967,786	678,492	19,642	269,652	----	4,527,539	3,559,753	55
1,038,809	93,751	94,721	772,502	72,860	----	4,975	1,629,867	1,560,749	32,539	31,787	4,792	4,187,436	2,557,569	56
199,817	15,000	39,594	112,697	32,526	----	----	1,219,780	1,178,509	26,474	14,797	----	1,657,407	437,627	57
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	58
639,368	----	158,793	434,394	46,181	----	----	13,256,461	13,113,641	97,812	45,008	----	18,187,909	4,931,448	59
807,438	98,923	87,932	586,404	34,179	----	----	2,409,333	2,365,947	27,931	15,455	----	3,552,726	1,143,393	60
2,740,387	250,987	212,086	1,534,832	735,285	2,000	5,197	3,376,256	3,348,075	11,742	16,439	----	8,113,474	4,737,218	61
329,252	48,800	38,171	189,457	52,824	----	----	575,976	570,666	2,203	3,107	----	1,183,642	607,666	62
367,233	64,793	29,499	214,131	40,279	8,016	10,515	422,582	405,583	3,630	13,369	----	979,920	557,338	63
279,559	39,380	60,163	134,562	40,980	----	4,474	2,789,096	2,752,527	10,698	25,871	----	3,433,169	644,073	64
105,371	18,700	6,617	65,129	14,925	----	----	611,660	608,229	2,018	1,413	----	793,224	181,564	65
176,825	14,079	11,616	151,130	----	----	----	72,563	67,408	836	4,319	----	308,700	236,137	66

TABLE 9.—GENERAL STATISTICS FOR

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS[1] Total[2]	Salaried officers of corporations[2]	Manufacturing: Salaried employees[2]	Manufacturing: Wage earners (average for year)[3]	Distribution	Construction	Other
		CHICAGO INDUSTRIAL AREA—Continued									
1	4	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	27	20	780	19	45	675	39		2
2	14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	8	4	106	10	1	82	13		
3	20	Dental equipment and supplies	17	9	352	13	38	192	86	3	
4	14	Doors, window sash, frames, molding, and trim (made of metal)[a]	20	5	940	36	58	724	121	1	
5	4	Dress and semidress gloves and mittens (cloth, cloth and leather combined)	3	1	585	4	29	512	40		
6	9	Drugs and medicines (including drug grinding)	72	20	2,551	97	319	1,211	907	11	6
7	3	Dyeing and finishing cotton, rayon, silk, and linen textiles	6		284	17	15	237	15		
8	16	Electrical appliances[a]	25	1	5,922	44	865	4,519	488	4	2
9	16	Electrical products not elsewhere classified[a]	23	7	715	31	82	557	45		
10	15	Electroplating, plating, and polishing	77	94	1,763	45	93	1,531	81	7	6
11	8	Electrotyping and stereotyping, not done in printing establishments[b]	29	3	1,113	64	94	670	285		
12	17	Elevators, escalators, and conveyors	17	3	1,666	35	194	1,054	364	14	5
13	4	Embroideries, other than Schiffli-machine products—contract factories	16	19	227	12	4	193	17		1
14	4	Embroideries, other than Schiffli-machine products—made in regular factories or by jobbers engaging contractors	4	7	84		6	74	4		
15	4	Embroideries: Schiffli-machine products	8	2	265	11	13	226	14		1
16	14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	28	6	1,186	37	117	870	159	3	
17	14	Enameling, japanning, and lacquering	16	12	383	15	25	319	23	1	
18	15	Engraving on metal (except for printing purposes)	12	7	322	16	36	245	25		
19	8	Engraving (steel, copperplate, and wood), plate printing[a]	56	29	869	59	72	656	82		
20	7	Envelopes[a]	22	3	1,616	38	102	1,214	246	16	
21	20	Fabricated plastic products, not elsewhere classified	24	13	2,100	34	204	1,742	111	9	
22	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	77	22	3,104	108	396	2,439	156	4	1
23	3	Felt goods, wool, hair, and jute (except woven felts and hat bodies and hats)	5		652	2	49	589	12		
24	9	Fertilizers	6		259	1	21	179	58		
25	1	Flavoring extracts and flavoring sirups, not elsewhere classified	44	9	1,031	69	130	459	364	5	4
26	1	Flour and other grain-mill products	8	1	543	9	56	360	113	5	
27	1	Food preparations, not elsewhere classified	79	51	2,123	92	196	1,283	546		6
28	17	Food-products machinery	35	10	2,809	63	270	2,095	376	3	2
29	12	Footwear (except rubber)	33	13	5,100	49	338	4,405	303	5	
30	14	Forgings, iron and steel—made in plants not operated in connection with rolling mills	24	5	3,229	36	297	2,672	137	48	39
31	4	Fur coats and other fur garments, accessories, and trimmings	94	96	580	61	37	423	59		
32	20	Furs, dressed and dyed	3		106	6	6	93	1		
33	20	Games and toys (except dolls and children's vehicles)	29	28	2,331	29	169	1,916	216	1	
34	8	General commercial (job) printing	725	588	19,622	532	1,847	15,544	1,602	97	
35	16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	48	15	3,461	78	424	2,733	205		21
36	9	Glue and gelatin	15	7	746	12	103	544	83	3	1
37	15	Gold and silver leaf and foil	3	4	53	1	2	44	6		
38	8	Gravure, rotogravure, and rotary photogravure (including preparation of plates)	5	1	1,395	8	119	1,249	19		
39	14	Gray-iron and semisteel castings	52	8	4,337	71	305	3,848	91	14	8
40	9	Grease and tallow (except lubricating greases)	7	1	543	1	34	466	3	39	
41	8	Greeting cards (except hand-painted)[a]	14	4	1,107	21	188	797	100	1	
42	20	Hair work	5	3	63	6	4	51	2		
43	4	Handkerchiefs—made in inside factories or by jobbers engaging contractors	4	1	361	6	15	323	17		
44	20	Hand stamps, stencils, and brands[b]	30	15	694	32	69	446	142	5	
45	14	Hardware not elsewhere classified	54	11	2,738	99	292	2,030	312	5	
46	14	Heating and cooking apparatus, except electric, not elsewhere classified	17	5	248	22	41	155	30		
47	3	Hosiery—seamless	3		927		35	884	4	1	3
48	4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	32	26	2,581	17	140	2,304	119		1
49	4	Housefurnishings (except curtains, draperies, and bedspreads)	44	27	1,490	40	74	1,236	134	3	3
50	6	Household furniture, except upholstered	103	32	7,086	180	537	5,738	613	3	15
51	1	Ice cream and ices	61	32	1,385	48	127	616	518	8	68
52	1	Ice, manufactured	83	5	992	28	94	586	250	1	33
53	12	Industrial leather belting and packing leather	9	2	301	6	21	240	34		
54	17	Industrial machinery, not elsewhere classified	48	17	2,085	74	296	1,413	278	10	14
55	9	Insecticides, fungicides, and related industrial and household chemical compounds	65	25	1,133	52	152	521	401		7
56	16	Insulated wire and cable[a]	8		587	19	24	502	41		1
57	17	Internal-combustion engines	4		1,183	15	203	751	200	14	
58	20	Jewelry cases and instrument cases	11	12	640	8	60	545	27		
59	15	Jewelry (precious metals)[a]	48	26	815	58	48	584	124		1
60	3	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	14	5	580	22	29	490	38	1	
61	6	Laboratory, hospital, and other professional furniture[a]	11	2	405	20	38	298	47	2	
62	20	Lamp shades	18	21	895	6	35	821	31	2	
63	15	Lapidary work	6	4	19	5		12	2		
64	17	Laundry equipment, domestic	4		849	8	65	741	24		11
65	12	Leather gloves and mittens	12	8	502	12	17	452	19		2

See footnotes at end of table.

INDUSTRIAL AREAS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
CHICAGO INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
703,054	127,703	83,416	435,637	54,194	----------	2,104	2,249,027	2,210,630	174	15,168	23,055	3,272,900	1,023,873	1
159,701	27,203	1,591	119,225	11,682	----------	----------	122,798	110,380	1,907	5,634	4,877	369,283	246,485	2
439,790	58,387	54,960	177,908	142,400	6,135	----------	366,757	351,868	5,641	6,746	2,502	1,017,277	650,520	3
1,498,615	241,377	103,146	930,722	218,870	4,500	----------	2,499,062	2,325,268	16,726	38,062	119,006	5,778,158	3,279,096	4
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	5
4,355,953	582,198	581,422	1,304,191	1,865,284	15,327	7,531	6,414,722	6,201,848	70,692	64,926	77,256	23,531,194	17,116,472	6
418,565	123,385	44,381	232,860	17,939	----------	----------	355,829	298,077	36,293	21,459	----------	967,345	611,516	7
9,697,658	363,933	2,089,567	6,313,315	921,677	6,559	2,607	13,755,196	13,298,737	142,226	248,209	66,024	33,899,814	20,144,618	8
1,063,312	230,803	167,710	574,780	90,019	----------	----------	1,503,478	1,474,537	7,751	20,786	404	3,435,119	1,931,641	9
2,469,385	254,348	200,637	1,862,801	135,921	9,270	6,408	1,319,296	994,104	63,735	197,118	64,339	5,477,969	4,158,673	10
2,687,718	420,866	231,689	1,520,883	514,280	----------	----------	732,491	614,359	20,119	62,301	35,712	4,833,704	4,101,213	11
3,102,818	204,855	391,431	1,865,301	594,962	39,237	7,032	2,778,454	2,666,142	43,165	44,940	24,207	7,436,185	4,657,731	12
198,897	42,693	4,726	129,772	19,666	----------	2,040	62,931	59,414	537	2,980	----------	357,138	294,207	13
68,487	----------	6,000	59,487	3,000	----------	----------	70,704	65,598	509	3,257	1,340	186,139	115,435	14
335,525	86,630	20,982	186,279	40,834	----------	800	275,684	267,840	3,376	4,468	----------	764,955	489,271	15
1,976,990	226,587	192,996	1,186,097	365,970	5,340	----------	2,428,871	2,311,913	35,246	49,470	32,242	5,894,804	3,465,933	16
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	17
518,059	114,867	68,413	293,789	40,990	----------	----------	270,585	244,834	6,597	10,795	8,359	1,068,722	798,137	18
1,336,471	271,877	135,053	823,336	106,205	----------	----------	1,123,339	1,048,573	5,015	22,029	47,722	3,344,972	2,221,633	19
2,391,533	259,288	242,235	1,393,700	459,130	37,180	----------	3,607,054	3,456,118	26,045	67,116	57,775	7,508,836	3,901,782	20
3,002,310	201,968	437,828	2,147,021	203,522	11,971	----------	3,339,172	3,152,594	58,194	87,466	40,918	8,124,335	4,785,163	21
5,226,882	461,410	846,842	3,597,849	312,781	7,000	1,000	11,460,726	11,120,334	80,581	165,149	94,662	19,532,844	8,072,118	22
761,070	6,400	92,942	643,308	18,420	----------	----------	2,291,940	2,201,884	58,366	31,690	----------	3,986,524	1,694,584	23
356,674	2,000	44,233	182,060	128,381	----------	----------	1,817,440	1,775,760	6,093	35,587	----------	2,885,882	1,068,442	24
1,945,500	460,664	243,419	431,565	794,210	8,819	6,823	7,611,194	7,553,672	26,284	29,275	1,963	21,188,427	13,577,233	25
797,512	46,231	154,813	505,956	76,288	14,224	----------	8,363,911	8,242,823	52,167	68,921	----------	11,177,536	2,813,625	26
3,220,188	553,101	391,042	1,221,266	1,039,911	----------	14,868	13,081,682	12,886,659	109,976	85,047	----------	22,164,379	9,082,697	27
4,603,679	364,918	587,558	3,065,731	577,516	4,160	3,796	5,519,159	5,354,406	49,577	77,840	37,336	14,334,429	8,815,270	28
5,760,573	228,637	590,840	4,320,342	614,312	6,442	----------	8,136,164	8,030,376	28,575	73,886	3,327	18,543,007	10,406,843	29
6,046,492	264,560	755,734	4,703,811	196,654	80,349	45,384	11,916,628	10,865,236	743,644	281,265	26,483	23,188,115	11,271,487	30
1,060,480	229,925	76,416	656,864	97,275	----------	----------	2,640,802	2,546,503	1,606	25,816	66,877	4,492,731	1,851,929	31
148,004	38,588	9,616	97,883	1,917	----------	----------	228,228	211,222	11,050	5,956	----------	484,272	256,044	32
2,389,531	300,035	252,489	1,439,567	394,220	3,220	----------	2,378,574	2,303,718	18,267	53,665	2,924	6,347,333	3,968,759	33
34,459,630	2,887,900	4,045,252	24,276,030	3,023,319	227,129	----------	31,636,500	25,241,833	276,783	793,688	5,324,196	86,205,805	54,569,305	34
4,788,243	451,838	865,292	3,039,942	409,830	----------	21,341	6,023,321	5,850,769	45,784	97,481	29,287	14,864,477	8,841,156	35
1,250,730	108,945	183,486	724,787	226,832	6,600	80	3,792,654	3,375,641	400,403	16,610	----------	6,590,345	2,797,691	36
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	37
3,009,877	85,160	311,013	2,538,880	74,824	----------	----------	3,077,748	2,422,821	42,000	92,998	519,929	8,323,669	5,245,921	38
6,146,001	385,505	629,438	4,887,028	234,104	9,724	202	6,936,107	6,184,603	519,980	223,633	7,891	16,688,904	9,752,797	39
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	40
1,450,505	272,313	234,290	790,580	152,112	1,210	----------	1,638,513	1,083,206	2,903	16,399	536,005	5,342,257	3,703,744	41
108,442	57,200	6,891	40,926	3,425	----------	----------	398,342	394,988	1,469	242	1,643	542,300	143,958	42
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	----------	(5)	(5)	(5)	(5)	43
966,169	161,258	113,997	500,841	181,561	8,512	----------	597,568	560,647	13,741	15,384	7,796	1,990,159	1,392,591	44
4,417,220	659,022	623,654	2,411,951	714,907	7,686	----------	5,923,479	5,674,143	58,273	85,813	105,250	14,326,209	8,402,730	45
402,706	76,925	57,450	228,638	39,693	----------	----------	511,605	497,446	3,724	9,369	1,066	1,128,069	616,464	46
(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	47
1,876,746	95,313	221,696	1,371,325	187,580	----------	832	4,483,056	3,997,742	2,114	34,169	449,031	7,709,599	3,226,543	48
1,388,302	240,003	115,584	846,711	178,286	5,116	2,602	7,120,873	6,889,753	12,892	33,330	184,898	10,213,253	3,092,380	49
8,981,737	1,104,569	870,710	6,092,651	881,969	3,979	27,859	11,652,237	11,249,444	128,802	234,665	39,326	25,769,004	14,116,767	50
2,643,103	265,313	256,808	698,443	1,283,526	19,507	119,506	5,892,804	5,653,188	48,647	190,969	----------	13,457,747	7,564,943	51
1,546,087	130,061	209,463	781,922	404,363	1,540	18,738	946,641	224,289	45,521	676,831	----------	4,879,536	3,932,895	52
468,166	47,279	47,054	275,616	98,217	----------	----------	1,521,320	1,502,870	4,426	11,855	2,169	2,914,362	1,393,042	53
4,195,529	536,159	645,345	2,270,027	711,418	17,181	15,399	4,718,614	4,466,220	62,252	90,601	99,541	11,198,193	6,479,579	54
2,138,102	464,797	305,673	657,637	703,328	----------	6,667	5,615,655	5,489,416	54,579	44,328	27,332	12,074,398	6,458,743	55
690,000	153,475	60,898	410,676	64,585	----------	366	1,205,370	1,150,016	19,398	28,969	6,987	2,233,857	1,028,487	56
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	57
837,014	89,400	128,220	551,684	67,710	----------	----------	722,391	706,187	7,243	8,961	----------	2,014,666	1,292,275	58
1,206,111	207,938	82,852	747,254	167,443	----------	624	1,939,360	1,901,106	3,956	17,574	16,724	3,612,007	1,672,647	59
559,751	73,195	46,084	388,927	47,320	4,225	----------	1,055,489	1,040,204	3,452	11,833	----------	1,850,779	795,290	60
608,777	85,071	78,274	356,050	86,469	2,913	----------	560,466	522,975	4,818	17,836	14,837	1,426,653	866,187	61
601,940	35,500	46,508	478,628	37,204	4,100	----------	1,269,119	1,259,046	1,329	8,744	----------	2,378,994	1,109,875	62
34,691	12,912	----------	18,971	2,808	----------	----------	19,710	18,895	52	763	----------	66,830	47,120	63
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	64
465,226	51,847	24,621	357,434	30,323	----------	1,001	732,120	723,629	2,706	5,785	----------	1,363,995	631,875	65

TABLE 9.—GENERAL STATISTICS FOR

	Group No.	Industry	Number of establishments	Proprietors and firm members	Persons employed in manufacturing establishments [1]: Total [2]	Salaried officers of corporations [4]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
		CHICAGO INDUSTRIAL AREA—Continued									
1	12	Leather tanned, curried, and finished—regular factories or jobbers engaging contractors	20	3	3,639	39	263	3,291	41	5	.....
2	15	Lighting fixtures	94	46	4,829	120	388	3,620	672	5	24
3	13	Lime	3	..	157	1	11	144	1	.....	.....
4	1	Liquors, rectified or blended	18	3	144	8	31	83	22	.....	.
5	8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	82	20	6,116	153	660	4,531	734	16	22
6	9	Lubricating oils and greases—not made in petroleum refineries	12	2	215	15	32	94	73	1	
7	1	Macaroni, spaghetti, vermicelli, and noodles [a]	30	26	1,092	37	76	856	116	2	5
8	8	Machine and hand typesetting (including advertisement typesetting)	68	47	1,189	60	122	931	76	.....	.....
9	17	Machine-shop products, not elsewhere classified	175	76	7,286	192	1,042	5,521	459	38	34
10	17	Machine-shop repairs	38	25	394	24	36	327	5	.....	2
11	17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	80	58	2,993	79	245	2,476	168	16	9
12	17	Machine tools	7	1	372	16	32	291	32	1	.....
13	14	Malleable iron castings	4	.....	1,579	11	79	1,478	11	..	..
14	1	Malt liquors	31	.....	2,532	68	177	1,315	913	36	23
15	6	Matches	4	2	192	3	24	160	3	.	2
16	6	Mattresses and bedsprings	42	30	2,582	39	203	2,190	149	.....	1
17	1	Meat packing, wholesale	52	11	25,681	102	2,579	19,281	3,526	178	15
18	17	Mechanical power-transmission equipment [b]	27	5	2,087	51	216	1,691	118	6	5
19	4	Men's and boys' hats and caps (except felt and straw)	24	29	596	10	28	528	22	3	5
20	4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	10	4	554	10	36	492	15	.....	1
21	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	107	139	1,980	23	39	1,885	31	.....	2
22	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	96	42	11,745	112	607	10,582	427	2	15
23	4	Men's neckwear—made in inside factories or by jobbers engaging contractors [a]	28	23	705	15	33	606	51	.....	.....
24	17	Metalworking machinery and equipment, not elsewhere classified	25	5	2,389	38	438	1,775	133	1	4
25	4	Millinery	76	42	3,341	91	175	2,914	160	.....	1
26	13	Minerals and earths, ground or otherwise treated	6	.....	269	8	13	213	35	.....	.....
27	13	Mineral wool	4	.....	64	5	8	47	4	.....	.....
28	6	Mirror frames and picture frames	38	18	1,888	49	111	1,538	190	.....	.....
29	13	Mirrors and other glass products made of purchased glass	43	28	1,521	37	98	1,251	117	3	15
30	20	Miscellaneous fabricated products not elsewhere classified	52	29	2,496	53	270	2,009	163	1	.....
31	20	Models and patterns (except paper patterns)	56	76	409	15	15	360	19	.....	.....
32	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	47	27	466	45	52	328	38	.....	3
33	19	Motorcycles, bicycles, and parts	5	1	762	6	66	663	27	.....	.....
34	18	Motor vehicles, motor-vehicle bodies, parts and accessories	83	30	6,957	119	614	5,392	801	20	11
35	9	Mucilage, paste, and other adhesives, except glue and rubber cement [a]	5	3	28	2	8	12	6	.....	.....
36	20	Musical instruments, parts, and materials not elsewhere classified	25	19	802	31	73	649	49	.....	.....
37	8	Newspapers publishing and printing	115	59	10,790	121	2,368	5,321	2,969	7	4
38	8	Newspapers publishing without printing	27	14	161	20	112	13	16	.....	.....
39	1	Nonalcoholic beverages	116	89	2,218	105	133	982	989	5	4
40	15	Nonferrous-metal foundries (except aluminum)	46	33	1,232	44	75	1,069	36	3	5
41	15	Nonferrous-metal products not elsewhere classified	51	18	3,024	70	289	2,390	234	30	11
42	17	Office and store machines, not elsewhere classified	15	.....	1,929	25	368	1,378	155	...	3
43	6	Office furniture	21	13	1,587	33	180	1,267	107	..	...
44	14	Oil burners, domestic and industrial	9	1	157	16	23	96	22	...	...
45	1	Oleomargarine—not made in meat-packing establishments	4	.....	685	6	66	366	232	..	15
46	20	Ophthalmic goods: lenses and fittings	4	3	159	5	16	119	19	..	...
47	10	Oven coke and coke-oven byproducts	9	.	3,594	..	382	3,009	8	169	26
48	9	Paints, varnishes, and lacquers	99	26	5,135	126	863	3,241	829	14	62
49	7	Paper and paperboard mills	7	.....	1,249	3	159	1,084	.	3	.
50	7	Paper bags, except those made in paper mills	9	2	1,007	12	83	843	66	3	...
51	7	Paperboard containers and boxes not elsewhere classified	108	46	6,630	144	531	5,387	517	41	10
52	6	Partitions, shelving, cabinet work, and office and store fixtures	61	31	2,627	99	163	2,210	142	5	8
53	10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	11	2	257	17	33	191	16	.	...
54	20	Pens, mechanical pencils, and pen points	7	3	989	11	78	706	194	....	..
55	9	Perfumes, cosmetics, and other toilet preparations	64	30	1,499	59	116	870	451	.....	3
56	8	Periodicals: publishing and printing	37	3	3,848	48	786	2,406	608	...	...
57	8	Periodicals: publishing without printing	272	62	2,983	304	1,723	45	911	...	.
58	10	Petroleum refining	12	1	8,439	1	1,015	7,190	34	199	
59	8	Photoengraving, not done in printing establishments (including preparation of plates)	52	25	2,288	81	252	1,659	294	2	..
60	20	Photographic apparatus and materials and projection equipment (except lenses) [a]	33	19	2,311	43	267	1,483	518	...	.....
61	1	Pickled fruits and vegetables and vegetable sauces and seasonings	29	15	991	33	41	763	143	7	4
62	5	Planing mills not operated in conjunction with sawmills	106	61	2,219	105	131	1,790	179	..	14
63	9	Plastic materials	3	.....	9	1	1	4	3	..	.....
64	13	Pottery products not elsewhere classified	4	1	204	6	22	168	8	..	...
65	1	Poultry dressing and packing, wholesale	7	[illegible]	55	.....	5	39	11	.	..

See footnotes at end of table.

INDUSTRIAL AREAS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
CHICAGO INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	1
6,813,786	873,176	726,293	3,812,981	1,367,055	7,751	26,530	10,032,063	9,658,208	138,163	155,694	79,998	21,716,788	11,684,725	2
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	3
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	4
10,666,517	1,164,271	1,393,018	6,422,181	1,608,177	32,771	46,099	10,119,843	8,765,798	90,468	219,743	1,043,834	26,829,381	16,709,538	5
437,362	73,900	62,509	108,604	190,494	1,855	----	1,483,017	1,448,529	15,123	10,908	8,457	2,717,592	1,234,575	6
1,164,421	166,603	104,030	712,869	169,497	1,042	10,380	3,791,449	3,647,401	54,595	89,453	----	6,323,003	2,531,554	7
2,497,639	287,560	206,721	1,797,282	206,076	----	----	438,859	288,112	18,213	52,899	79,635	3,874,911	3,436,052	8
11,834,150	1,088,999	2,080,090	7,738,554	792,130	73,299	61,078	20,660,324	19,749,635	373,015	390,955	146,719	43,972,092	23,311,768	9
716,787	55,765	68,035	586,719	4,921	----	1,347	260,218	231,440	7,603	17,068	4,107	1,240,101	979,883	10
5,257,094	434,314	553,608	3,846,282	395,200	18,159	9,531	3,858,472	3,572,121	59,716	138,676	87,959	11,678,357	7,819,885	11
606,689	106,757	84,709	345,156	68,036	2,031	----	1,210,326	1,185,107	10,662	14,557	----	2,355,342	1,145,016	12
2,156,726	95,882	183,835	1,842,212	34,797	----	----	1,297,382	1,059,654	220,516	17,212	----	4,201,340	2,903,958	13
5,489,582	548,621	510,298	2,340,583	1,966,515	91,472	32,093	5,768,191	5,247,078	371,156	148,988	969	18,862,210	13,094,019	14
249,098	27,300	49,984	151,581	18,233	----	2,000	550,673	522,390	4,263	9,994	14,026	1,237,655	686,982	15
2,961,488	253,319	385,403	1,992,265	329,543	----	958	6,338,882	6,247,751	25,136	64,567	1,428	11,768,460	5,429,578	16
41,984,794	861,158	5,544,083	28,226,655	7,068,313	263,455	21,130	321,695,158	318,578,847	1,811,379	771,948	532,984	389,983,359	68,288,201	17
3,646,922	483,919	445,712	2,454,244	241,407	15,059	6,581	3,764,498	3,529,056	72,276	122,297	40,869	9,867,910	6,103,412	18
630,762	61,753	64,035	456,065	34,961	3,986	9,962	913,113	882,741	5,560	18,139	6,673	1,848,179	935,066	19
456,966	30,720	55,672	349,551	20,348	----	675	703,553	669,503	9,184	3,488	21,378	1,310,227	606,674	20
1,740,705	69,814	50,912	1,592,448	26,124	----	1,407	452,121	298,225	13,673	24,048	116,175	2,860,168	2,408,047	21
14,558,089	599,026	1,166,582	12,182,199	585,149	4,410	20,723	23,469,031	19,571,037	95,335	130,908	3,671,751	47,008,070	23,539,039	22
590,498	56,711	46,227	390,378	97,182	----	----	1,097,042	1,081,233	836	9,480	5,493	2,029,039	931,997	23
4,351,535	324,883	844,141	2,899,059	276,296	1,410	5,746	4,580,047	4,260,611	40,113	107,593	171,730	12,554,235	7,974,188	24
3,608,757	387,833	288,985	2,572,132	358,247	----	1,560	3,820,046	3,743,426	14,658	61,139	823	8,921,989	5,101,943	25
359,027	53,650	25,039	229,686	50,652	----	----	718,062	630,742	46,112	41,208	----	1,782,661	1,064,599	26
83,969	18,425	12,851	47,773	4,920	----	----	103,346	75,005	22,612	5,729	----	229,824	126,478	27
2,164,695	284,768	176,286	1,379,859	323,782	----	----	2,359,751	2,290,196	21,501	48,054	----	5,702,249	3,342,498	28
1,688,586	204,895	160,712	1,092,496	208,881	4,474	17,128	2,030,690	1,955,790	29,446	36,110	9,344	4,527,668	2,496,978	29
2,897,814	258,390	495,156	1,843,473	298,995	1,800	----	3,615,829	3,455,542	33,132	51,805	75,350	8,248,194	4,632,365	30
701,113	48,027	23,073	599,434	30,579	----	----	285,464	255,972	8,637	17,531	3,324	1,477,743	1,192,279	31
707,283	108,941	89,998	423,312	80,824	782	3,426	835,836	757,008	6,504	61,224	11,100	2,005,356	1,169,520	32
975,846	66,148	84,019	750,441	75,238	----	----	3,892,784	3,839,194	17,318	17,567	18,705	5,441,985	1,549,201	33
11,004,767	747,753	1,243,163	7,239,418	1,728,167	25,306	20,960	54,528,903	54,062,154	218,203	228,421	20,125	76,498,256	21,969,353	34
63,185	9,600	19,995	16,217	17,373	----	----	147,858	145,135	1,874	849	----	270,153	122,295	35
1,004,982	121,396	128,333	679,778	75,475	----	----	929,873	878,433	12,776	27,942	10,722	2,411,679	1,481,806	36
25,523,798	1,063,147	6,280,408	11,938,511	6,225,510	8,777	7,445	20,845,712	17,767,610	86,370	442,240	2,549,492	64,252,763	43,407,051	37
241,832	79,743	124,983	17,559	19,547	----	----	459,438	38,643	923	2,813	417,059	931,329	471,891	38
3,228,541	449,897	219,197	815,387	1,719,452	13,612	10,996	5,893,839	5,697,261	64,713	107,215	24,650	14,486,892	8,593,053	39
1,634,984	187,099	147,636	1,242,009	49,772	4,800	3,668	2,400,027	2,210,607	108,862	53,798	26,760	4,984,985	2,584,958	40
4,840,014	505,310	600,946	3,220,566	448,729	49,814	14,649	6,030,481	5,540,027	139,789	143,904	206,761	12,936,359	6,905,878	41
(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	42
2,174,940	192,099	279,287	1,437,386	266,168	----	----	2,337,461	2,235,401	49,922	39,775	12,363	6,251,449	3,913,988	43
251,954	56,422	29,345	126,388	39,799	----	----	644,988	636,622	3,940	4,426	----	1,065,346	420,358	44
1,125,104	34,145	153,455	460,447	452,592	----	24,465	5,251,872	5,165,174	56,455	30,243	----	8,918,750	3,666,878	45
195,955	38,160	19,942	113,199	24,654	----	----	305,437	297,917	2,062	5,301	157	779,836	474,399	46
5,773,641	----	967,154	4,549,324	15,900	198,146	43,117	46,202,518	44,654,421	1,316,968	231,129	----	56,359,537	10,157,019	47
10,010,927	1,012,531	1,816,313	4,866,805	2,250,295	24,815	40,168	41,296,248	40,673,999	341,582	275,541	5,126	68,361,981	27,065,733	48
1,883,886	20,450	316,402	1,545,189	----	1,845	----	6,281,260	5,761,202	510,688	9,370	----	12,234,170	5,952,910	49
1,346,487	100,742	153,310	913,387	173,321	5,727	----	3,496,700	3,375,160	12,388	38,378	70,774	5,833,900	2,337,200	50
8,599,402	1,071,527	954,013	5,413,296	1,071,330	75,966	13,270	18,703,737	18,373,260	108,987	189,350	32,140	33,394,261	14,690,524	51
3,610,793	384,651	323,027	2,668,261	215,719	8,060	11,075	5,050,951	4,873,730	50,645	98,109	28,467	11,158,136	6,107,185	52
508,125	174,490	69,080	242,046	22,509	----	----	1,527,492	1,435,646	54,163	35,836	1,847	2,595,116	1,067,624	53
1,355,252	133,736	128,437	619,019	474,060	----	----	1,039,720	949,524	14,325	19,497	56,374	3,089,662	2,049,942	54
2,247,444	662,971	195,117	791,185	596,015	----	2,156	6,460,236	6,404,771	18,477	36,988	----	16,119,207	9,658,971	55
7,400,543	449,097	1,853,434	4,054,113	1,043,899	----	----	5,026,069	4,201,441	93,775	102,276	628,577	17,902,479	12,876,410	56
6,613,204	1,633,953	3,016,671	77,081	1,885,499	----	----	10,205,148	3,087,039	1,935	15,868	7,100,306	25,858,674	15,653,526	57
16,764,283	6,500	2,725,928	13,681,850	64,671	285,334	----	160,700,030	154,102,412	5,720,266	681,839	195,513	219,884,154	59,184,124	58
5,786,197	522,460	571,326	3,885,682	801,779	4,950	----	1,118,672	876,817	20,968	82,505	138,382	8,904,587	7,785,915	59
3,617,809	275,440	536,650	1,983,796	821,923	----	----	5,156,625	4,951,733	24,152	55,343	125,397	11,140,834	5,984,209	60
1,126,053	135,592	65,599	627,449	279,788	13,853	3,772	3,111,406	3,053,436	31,322	26,608	40	5,139,040	2,027,634	61
3,358,847	386,225	248,625	2,427,047	281,860	30	15,060	5,193,091	4,987,361	47,877	144,141	13,712	10,295,868	5,102,777	62
15,197	3,500	2,304	2,559	6,834	----	----	69,628	66,957	505	1,269	897	102,469	32,841	63
276,985	44,280	35,046	171,224	26,435	----	----	173,647	141,998	28,460	3,189	----	563,501	389,854	64
51,285	----	6,805	35,597	8,851	----	32	461,991	457,161	2,727	2,103	----	554,815	92,824	65

TABLE 9.—GENERAL STATISTICS FOR

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
		CHICAGO INDUSTRIAL AREA—Continued									
1	14	Power boilers and associated products	30	13	1,556	44	196	1,158	157	.....	1
2	1	Prepared feeds (including mineral) for animals and fowls	23	10	1,005	17	112	631	243	.....	2
3	9	Printing ink	38	10	819	23	156	543	90	4	3
4	17	Printing-trades machinery and equipment	48	28	2,682	45	358	1,971	284	12	12
5	3	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	4	4	72	2	9	60	1	.....	.....
6	20	Professional and scientific instruments (except surgical and dental) [a]	23	5	1,002	38	128	742	92	2	.....
7	6	Public-building furniture	9	4	257	13	13	219	12	.....	.....
8	17	Pumping equipment and air compressors	19	.....	1,288	40	159	905	175	6	3
9	16	Radios, radio tubes, and phonographs [b]	41	11	12,326	74	1,269	10,353	550	47	33
10	6	Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets	4	5	31	3	.....	25	3	.....	.....
11	17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	25	7	522	30	48	357	86	.....	1
12	4	Robes, lounging garments, and dressing gowns	6	6	184	7	1	156	19	.....	1
13	10	Roofing, built-up and roll, asphalt shingles; roof coating (except paint)	18	2	2,049	7	166	1,726	125	23	2
14	12	Saddlery, harness, and whips	4	1	30	2	2	22	3	1	.....
15	1	Salad dressings	6	3	243	5	21	206	11	.....	.....
16	1	Sausage casings—not made in meat-packing establishments	10	.....	681	11	35	551	84	.....	.....
17	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	80	39	2,434	83	163	1,735	435	9	9
18	14	Saws	10	9	163	10	35	112	5	.....	1
19	17	Scales and balances	10	2	463	17	36	359	50	.....	1
20	14	Screw-machine products and wood screws	48	31	3,189	52	300	2,535	276	20	6
21	15	Secondary smelting and refining of nonferrous metals, not elsewhere classified	22	8	1,241	34	158	922	99	14	14
22	17	Sewing machines, domestic and industrial	3	.....	654	5	134	392	69	54	.....
23	15	Sheet-metal work not specifically classified	87	46	2,005	91	143	1,606	154	1	10
24	19	Shipbuilding and ship repairing [a]	5	2	244	8	17	215	1	3	.....
25	20	Signs, advertising displays, and advertising novelties	104	60	3,386	133	376	2,544	323	10	.....
26	12	Small leather goods	5	3	81	3	8	67	3	.....	.....
27	9	Soap and glycerin	29	5	3,283	33	620	2,141	359	116	14
28	20	Soda fountains, beer dispensing equipment, and related products	3	.....	825	2	139	674	10	.....	.....
29	9	Soybean oil, cake, and meal	4	.....	344	.....	67	244	33	.....	.....
30	17	Special-industry machinery, not elsewhere classified [a]	10	5	187	16	18	129	19	.....	5
31	20	Sporting and athletic goods not elsewhere classified	37	17	2,193	41	164	1,860	71	57	.....
32	14	Stamped and pressed metal products (except automobile stampings)	80	35	3,849	99	294	3,163	283	6	4
33	15	Statuary and art goods (except stone and concrete)—factory production	19	32	189	8	18	157	6	.....	.....
34	13	Steam and other packing, pipe and boiler covering [a]	16	5	1,640	25	127	1,186	284	18	.....
35	14	Steam fittings, regardless of material	26	5	8,887	43	1,585	6,987	272	.....	.....
36	14	Steel castings	14	.....	5,299	25	564	4,569	107	34	.....
37	14	Steel works and rolling mills	20	.....	61,490	8	7,141	52,699	200	1,381	61
38	17	Stokers, mechanical, domestic and industrial	6	.....	845	9	48	611	177	.....	.....
39	14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	16	9	1,911	28	106	1,678	99	.....	.....
40	12	Suitcases, brief cases, bags, trunks, and other luggage	45	33	1,414	61	62	1,152	139	.....	.....
41	20	Surgical and medical instruments	9	2	282	18	21	143	100	.....	.....
42	20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances [b]	33	14	2,575	33	432	1,746	328	36	.....
43	9	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	4	.....	32	6	2	18	6	.....	.....
44	4	Textile bags—not made in textile mills [a]	16	7	607	19	37	523	28	.....	.....
45	14	Tin cans and other tinware not elsewhere classified	27	.....	7,659	20	1,031	6,508	68	26	6
46	14	Tools (except edge tools, machine tools, files, and saws)	47	24	1,872	56	192	1,496	128	.....	.....
47	4	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories	16	11	261	11	5	232	13	.....	.....
48	4	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	13	10	355	9	36	300	9	.....	1
49	4	Trousers (semidress), wash suits, and washable service apparel	18	16	969	20	50	854	44	.....	1
50	20	Umbrellas, parasols, and canes	3	4	34	.....	2	29	3	.....	.....
51	6	Upholstered household furniture	44	19	2,832	49	177	2,479	125	.....	2
52	17	Vending, amusement, and other coin-operated machines [a]	23	3	4,184	50	424	3,379	321	8	2
53	6	Venetian blinds	19	16	543	12	37	393	100	.....	1
54	7	Wallpaper	11	3	1,445	13	99	1,284	42	7	.....
55	6	Window and door screens and weather strip	24	9	385	29	55	246	54	1	.....
56	6	Window shades [b]	36	23	1,021	18	48	908	47	.....	.....
57	14	Wire drawn from purchased rods	6	.....	2,088	6	181	1,857	34	10	.....
58	14	Wirework not elsewhere classified	65	49	3,832	68	303	3,304	148	9	.....
59	16	Wiring devices and supplies	21	7	2,400	29	184	2,065	120	2	.....
60	4	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors	12	16	485	6	20	417	36	.....	6
61	4	Women's and misses' clothing not elsewhere classified—made in inside factories or by jobbers engaging contractors [a]	9	3	300	12	12	240	36	.....	.....
62	4	Women's and misses' dresses (except house dresses)—made in contract factories [a]	32	41	783	1	5	776	1	.....	.....

See footnotes at end of table.

INDUSTRIAL AREAS, BY INDUSTRIES: 1939—Continued

Salaries and wages: Total [2]	Salaries of officers of corporations [2]	Manufacturing: Salaries [2]	Manufacturing: Wages	Distribution	Construction	Other	Cost of materials, supplies, fuel, purchased electric energy, and contract work: Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
CHICAGO INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
2,712,020	256,204	428,761	1,764,442	261,613	----	1,000	6,429,040	6,212,066	64,961	87,419	64,594	10,620,637	4,191,597	1
1,655,946	196,581	176,759	855,382	423,700	----	3,524	16,273,381	16,100,188	35,978	137,215	----	21,259,264	4,985,883	2
1,625,409	156,365	430,311	725,142	303,085	7,751	2,755	6,212,397	6,060,490	22,573	129,286	48	11,546,255	5,333,858	3
4,900,224	277,283	775,498	3,248,930	555,365	27,816	15,332	3,687,809	3,477,880	60,492	95,677	53,760	13,003,317	9,315,508	4
82,710	6,600	16,590	59,010	510	----	----	443,690	436,705	240	6,745	----	688,379	244,689	5
1,534,964	202,411	245,490	950,626	127,569	8,868	----	1,299,524	1,251,201	14,241	28,962	5,120	3,874,096	2,574,572	6
358,409	87,935	25,567	219,568	25,339	----	----	685,894	668,188	5,953	11,753	----	1,351,626	665,732	7
2,180,833	231,535	330,624	1,252,391	350,990	11,143	4,150	3,355,597	3,280,914	21,507	43,539	9,637	8,218,348	4,862,751	8
14,653,391	688,415	2,415,823	10,103,532	1,044,706	57,530	43,385	46,947,152	46,650,043	78,949	208,594	9,566	74,684,751	27,737,599	9
24,285	5,460	----	16,815	2,010	----	----	45,788	44,350	504	934	----	103,112	57,324	10
768,941	99,806	82,113	452,910	133,112	----	1,000	1,173,598	1,139,126	6,136	23,909	4,427	2,614,658	1,441,060	11
169,987	13,320	1,360	128,854	25,413	----	1,040	405,037	388,000	----	4,065	12,972	707,922	302,885	12
3,050,240	74,502	370,871	2,286,225	272,939	43,999	1,704	14,828,818	14,447,050	286,331	95,437	----	26,997,178	12,168,360	13
33,700	7,300	2,000	20,360	3,440	600	----	53,277	51,807	677	793	----	100,387	47,110	14
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	15
841,908	73,789	64,789	481,874	221,456	----	----	2,158,806	2,137,485	10,741	10,580	----	3,265,044	1,106,238	16
3,741,464	399,766	388,500	2,155,640	772,297	15,453	9,808	22,441,249	22,145,171	120,326	167,752	8,000	28,531,204	6,089,955	17
246,446	42,705	37,912	154,916	8,721	----	2,192	199,416	180,860	5,428	10,195	2,933	606,641	407,225	18
657,151	106,531	71,982	383,533	94,221	----	884	561,574	523,128	14,553	16,350	7,543	1,609,857	1,048,283	19
5,246,486	490,864	645,000	3,516,546	563,938	22,430	7,708	5,026,595	4,631,412	69,079	173,078	153,026	13,926,210	8,899,615	20
2,014,705	279,702	390,738	1,070,144	234,997	21,653	17,471	22,050,049	21,716,063	247,334	86,652	----	27,000,699	4,950,650	21
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	22
3,211,289	524,979	302,823	2,052,278	319,346	1,925	9,938	4,325,859	4,038,373	39,238	70,427	177,821	9,703,132	5,377,273	23
410,052	36,345	40,439	327,800	1,560	3,908	----	288,283	270,786	3,602	13,395	500	871,511	583,228	24
4,946,275	795,408	669,005	2,912,680	551,638	17,544	----	5,470,049	4,809,502	52,104	104,626	503,817	13,645,056	8,175,007	25
79,285	15,735	9,107	51,267	3,176	----	----	138,225	137,112	35	1,078	----	297,406	159,181	26
5,654,330	200,546	1,329,636	3,091,740	781,318	235,620	15,470	29,535,403	28,952,158	377,881	205,364	----	55,451,509	25,916,106	27
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	28
605,259	----	135,226	376,744	93,289	----	----	6,012,937	5,812,486	83,604	116,847	----	8,216,410	2,203,473	29
342,569	72,754	39,556	187,139	38,553	----	4,567	273,309	252,363	5,172	11,078	4,696	805,709	532,400	30
2,987,142	252,728	290,761	2,214,596	179,740	49,317	----	4,901,152	4,774,862	42,371	63,491	20,428	10,329,387	5,428,235	31
5,522,558	648,370	612,946	3,563,769	683,445	10,209	3,819	8,897,706	8,618,166	79,114	162,080	38,346	19,301,073	10,403,367	32
254,619	18,885	42,056	183,119	10,559	----	----	181,140	162,397	7,336	6,210	5,197	554,741	373,601	33
2,302,025	238,581	260,181	1,291,380	481,952	29,931	----	3,298,546	3,218,085	39,966	40,495	----	7,019,474	3,720,928	34
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	35
8,711,640	198,063	1,260,797	7,008,628	194,439	49,713	----	6,809,003	5,410,680	666,441	702,539	29,343	22,016,977	15,207,974	36
105,618,043	146,563	17,792,835	85,042,369	407,425	2,131,610	97,241	263,694,060	237,312,827	22,211,666	4,140,023	29,544	449,199,389	185,505,329	37
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	38
2,818,815	162,085	283,734	2,215,181	157,815	----	----	3,992,129	3,805,976	108,058	53,977	24,118	9,591,970	5,599,841	39
1,765,523	256,948	101,510	1,177,259	229,806	----	----	3,026,243	2,978,120	9,281	22,877	15,965	5,508,811	2,482,568	40
453,412	109,406	31,730	162,049	150,227	----	----	173,043	162,976	2,190	7,877	----	651,458	478,415	41
3,398,252	183,568	731,426	1,720,186	725,797	37,275	----	7,720,026	7,577,581	59,961	81,479	1,005	15,913,149	8,193,123	42
56,827	13,670	2,662	25,186	15,309	----	----	165,087	161,253	360	2,188	1,286	384,901	219,814	43
692,943	137,082	61,578	441,396	52,887	----	----	3,628,380	3,608,608	4,798	14,063	911	4,819,319	1,190,939	44
10,170,820	135,795	2,138,777	7,691,136	147,479	50,794	6,839	48,794,617	48,196,715	293,570	304,332	----	77,091,467	28,296,850	45
2,858,955	411,753	374,803	1,816,667	255,732	----	----	3,402,658	3,196,445	59,285	88,755	58,173	9,031,546	5,628,888	46
307,258	73,010	10,834	215,094	8,320	----	----	47,137	37,671	2,502	6,964	----	499,781	452,644	47
404,248	95,769	69,662	225,811	12,587	----	419	1,465,903	1,460,575	370	4,958	----	2,248,922	783,019	48
817,748	77,727	83,332	600,697	55,129	----	863	1,749,499	1,714,407	3,990	10,944	20,158	2,919,293	1,169,794	49
14,522	----	1,300	10,758	2,464	----	----	62,330	61,754	50	526	----	91,947	29,617	50
(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	51
6,480,771	712,028	848,062	4,167,936	737,467	13,767	1,511	9,517,790	9,329,271	40,742	86,693	61,084	20,146,463	10,628,673	52
608,563	57,672	48,403	383,356	117,789	----	1,343	1,179,866	1,160,472	6,069	12,263	1,062	2,165,590	985,724	53
2,122,885	107,454	239,927	1,617,621	143,759	14,124	----	3,822,846	3,679,396	71,792	54,041	17,617	7,546,364	3,723,518	54
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	55
1,310,714	74,825	104,801	1,048,089	82,999	----	----	4,791,038	4,673,810	102,452	14,578	198	9,040,163	4,249,125	56
2,434,384	58,460	361,321	1,908,293	91,310	15,000	----	5,231,747	5,000,181	103,111	128,455	----	10,249,023	5,017,276	57
4,998,889	442,124	602,103	3,501,735	438,727	14,200	----	8,149,348	7,801,665	107,251	140,756	99,676	17,071,280	8,921,932	58
3,501,095	234,253	455,297	2,593,671	214,104	3,770	----	6,662,111	6,483,748	63,909	97,362	17,092	15,554,784	8,892,673	59
383,729	12,210	31,213	285,197	49,557	----	5,552	546,385	537,979	66	6,699	1,641	1,167,817	621,432	60
265,869	42,179	12,367	178,882	32,441	----	----	467,112	458,865	641	5,139	2,467	862,309	395,197	61
648,562	3,990	4,366	639,469	737	----	----	70,818	60,026	1,191	9,601	----	963,476	892,658	62

TABLE 9.—GENERAL STATISTICS FOR

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
		CHICAGO INDUSTRIAL AREA—Continued									
1	4	Women's and misses' dresses (except house dresses) made in inside factories or by jobbers engaging contractors	101	78	7,027	106	252	6,145	491	7	26
2	4	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics	5	2	142	6	2	130	4		
3	4	Women's, children's, and infants' underwear and nightwear of knitted fabrics	10	7	874	4	17	793	55	4	1
4	4	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics [1]	11	6	630	9	25	585	11		
5	4	Women's neckwear, scarfs, etc	3	5	83		1	74	8		
6	12	Women's pocketbooks, handbags, and purses	6	3	338	11	3	303	21		
7	6	Wooden boxes except cigar boxes	24	13	1,328	12	92	1,196	26		2
8	6	Wood products not elsewhere classified	45	26	696	43	37	584	31	1	
9	17	Woodworking machinery	8	2	290	13	36	225	12		4
10	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	26	20	1,157	25	47	1,026	57	2	
11	14	Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills	3	2	553	7	28	457	58	3	
12	16	X-ray and therapeutic apparatus and electronic tubes [5]	17	10	1,240	22	246	871	101		
13		Other industries [6]	806	243	109,185	1,027	14,508	86,564	5,920	859	307
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]									
14	1	Food and kindred products	89	11	9,371	89	1,076	7,635	490	74	7
15	3	Textile-mill products and other fiber manufactures	44	9	5,669	47	440	4,929	235	6	12
16	4	Apparel and other finished products made from fabrics and similar materials	62	36	2,897	63	206	2,424	191	3	10
17	5	Lumber and timber basic products	3		37	5	5	24	3		
18	7	Paper and allied products	44	25	3,366	52	252	2,720	325	12	5
19	9	Chemicals and allied products	26	6	2,115	20	254	1,640	151	50	
20	12	Leather and leather products	49	26	4,314	65	308	3,863	72	6	
21	13	Stone, clay, and glass products	48	6	5,208	49	584	4,337	155	83	
22	14	Iron and steel and their products, except machinery	99	24	14,869	161	2,074	11,917	690	20	7
23	15	Nonferrous metals and their products	29	12	4,497	23	348	3,591	344	75	116
24	17	Machinery (except electrical)	80	5	21,504	147	3,139	16,832	1,202	139	45
25	20	Miscellaneous industries	57	24	5,496	55	427	4,428	562	24	
26	2	Tobacco manufactures	3	1	668		82	552		34	
	6	Furniture and finished lumber products	76	33	3,413	82	247	2,880	194	8	2
	11	Rubber products	34	8	2,759	39	215	2,363	138	4	
	16	Electrical machinery	55	14	20,305	120	4,520	14,233	1,011	318	103
	19	Transportation equipment except automobiles	8	3	2,697	10	331	2,196	157	3	
		INDIANAPOLIS INDUSTRIAL AREA									
27		All industries, total	818	401	50,840	819	5,685	38,838	4,737	312	449
28	16	Batteries, storage and primary (dry and wet)	4	2	466	1	51	398	16		
29	8	Bookbinding and related industries	9	6	60	7	2	51			
30	8	Books: printing without publishing	6	2	63	8	10	40	5		
31	8	Books: publishing without printing [5]	8	2	211	8	160	1	42		
32	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	66	56	2,180	15	111	1,728	288	9	29
33	1	Candy and other confectionery products	7		209	8	31	130	36	2	2
34	4	Canvas products (except bags)	4	2	67	3	13	40	11		
35	6	Caskets, coffins, burial cases, and other morticians' goods	4	1	72	3	10	48	11		
36	1	Cheese	3		17		2	14		1	
37	9	Cleaning and polishing preparations, blackings, and dressings	7	1	450	6	60	216	168		
38	9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	6		113	5	24	66	18		
39	13	Concrete products	19	20	190	7	20	156	5		2
40	17	Construction and similar machinery (except mining and oil-field machinery and tools)	3		600	11	152	416	21		
41	7	Converted paper products not elsewhere classified	4	1	278	4	55	211	6	2	
42	1	Creamery butter	9		111	2	26	70	13		
43	9	Drugs and medicines (including drug grinding)	10	1	1,873	15	114	1,044	417	2	281
44	16	Electrical appliances	4		72	6	7	50	9		
45	15	Electroplating, plating, and polishing	3		45	7	1	36		1	
46	8	Engraving (steel, copperplate, and wood); plate printing	6	8	63	2	7	54			
47	7	Envelopes	3	1	191	3	10	143	29	6	
48	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	9	6	231	14	42	161	8	6	
49	9	Fertilizers	4		187	8	18	121	39	1	
50	1	Flavoring extracts and flavoring sirups, not elsewhere classified	5	1	59	7	11	22	19		
51	1	Flour and other grain-mill products	6	1	373	11	49	266	47		
52	1	Food preparations, not elsewhere classified	7	4	44	5	3	29	7		
53	17	Food-products machinery	4		195	10	43	125	6	3	8
54	20	Games and toys (except dolls and children's vehicles)	3	1	76	3	10	57	5	1	
55	8	General commercial (job) printing	76	52	1,104	67	156	770	107	4	
56	14	Gray-iron and semisteel castings	10	1	895	14	54	827			
57	14	Hardware not elsewhere classified	4	1	138	2	13	101	22		

See footnotes at end of table.

INDUSTRIAL AREAS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [3]	Salaries of officers of corporations [2]	Manufacturing: Salaries [2]	Manufacturing: Wages	Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
CHICAGO INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
8,152,869	617,355	573,944	5,768,962	1,153,484	11,158	27,966	12,856,372	11,796,796	8,087	88,333	963,156	25,685,890	12,829,518	1
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	2
863,643	53,962	31,568	594,601	176,660	6,630	222	2,198,861	2,189,071	1,126	8,664	----------	3,774,215	1,575,354	3
532,203	75,010	47,985	400,086	9,122	----------	----------	1,291,140	1,269,512	240	8,242	13,146	2,052,642	761,502	4
64,501	----------	1,300	53,288	9,913	----------	----------	227,871	203,044	125	753	23,949	346,295	118,424	5
339,633	28,289	4,570	274,906	31,868	----------	----------	488,700	482,581	----------	6,119	----------	1,010,648	521,948	6
1,338,844	36,607	133,610	1,129,010	37,143	----------	2,474	2,210,042	2,118,593	11,411	62,670	17,368	4,522,654	2,312,612	7
826,855	139,395	50,639	592,714	43,431	676	----------	907,093	857,309	6,470	33,087	10,227	2,208,123	1,301,030	8
491,427	74,447	76,056	319,850	17,483	----------	3,591	609,572	591,615	6,178	11,779	----------	2,125,114	1,515,542	9
1,049,554	108,525	71,070	779,176	88,685	2,098	----------	1,918,536	1,871,239	6,881	16,824	23,592	3,521,597	1,603,061	10
1,029,165	54,680	71,214	773,800	123,244	6,227	----------	1,734,583	1,660,832	24,407	35,439	13,905	3,560,904	1,826,321	11
1,990,881	154,557	494,751	1,184,149	157,424	----------	----------	1,919,390	1,847,339	13,252	40,921	17,878	9,059,044	7,139,654	12
171,848,011	7,736,653	32,520,853	117,656,112	11,728,729	1,823,608	382,056	324,479,197	312,045,757	6,910,917	3,758,398	1,764,125	714,954,187	390,474,990	13
14,804,880	516,543	2,415,367	10,771,473	960,272	129,889	11,336	76,009,914	73,572,202	1,781,929	356,934	298,849	148,357,884	72,347,970	14
6,605,597	477,383	883,079	4,829,958	395,049	6,341	13,787	14,816,442	14,472,460	150,991	151,392	41,599	30,284,843	15,468,401	15
2,869,192	326,113	363,202	1,828,453	326,103	13,400	11,921	6,134,277	6,025,727	15,955	38,098	54,497	11,797,137	5,662,860	16
72,873	22,800	10,140	25,824	14,109	----------	----------	60,401	54,219	3,456	2,726	----------	195,343	134,942	17
4,655,401	440,886	576,333	2,924,616	675,332	23,875	14,359	7,742,694	7,441,487	90,565	117,049	93,593	20,401,538	12,658,844	18
3,698,715	299,233	516,480	2,329,783	453,207	89,237	10,775	10,896,240	10,339,642	369,971	132,312	54,315	22,108,625	11,212,385	19
6,540,907	531,348	663,172	5,163,303	170,747	12,337	----------	20,640,938	19,939,080	250,836	192,573	258,449	30,773,629	10,132,691	20
7,323,741	339,702	1,094,168	5,397,288	331,192	157,443	3,948	11,838,635	9,783,465	1,478,578	574,489	2,103	30,012,651	18,174,016	21
24,086,829	1,393,208	4,086,303	16,993,506	1,556,130	49,369	8,313	38,380,072	36,575,437	839,501	719,064	246,070	81,686,535	43,306,463	22
6,186,709	300,520	557,169	4,443,003	621,394	143,499	121,124	21,944,194	21,620,293	171,250	114,558	38,093	34,569,571	12,625,377	23
34,596,535	887,960	6,711,556	24,460,160	2,214,920	270,731	51,208	51,459,524	49,744,013	950,814	678,174	86,523	110,992,390	59,532,866	24
7,539,290	572,819	879,341	5,071,163	972,596	43,371	----------	11,863,426	11,266,020	115,558	138,649	343,199	25,583,815	13,720,389	25
52,867,342	1,628,138	13,764,543	33,417,582	3,037,678	884,116	135,285	52,692,440	51,211,712	691,513	542,380	246,835	168,190,226	115,497,786	26
INDIANAPOLIS INDUSTRIAL AREA														
74,013,112	5,025,823	10,360,743	48,139,113	8,824,389	418,174	1,244,870	155,359,006	148,899,098	2,144,263	2,380,006	1,935,639	294,511,708	139,152,702	27
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	28
75,815	13,690	2,101	60,024	----------	----------	----------	22,739	21,312	87	1,340	----------	155,841	133,102	29
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	30
379,304	65,780	172,136	3,556	137,832	----------	----------	592,022	5,474	364	1,139	585,045	1,689,974	1,097,952	31
2,813,710	73,043	208,766	2,106,147	372,401	16,476	36,877	4,248,227	4,062,851	112,361	73,015	----------	9,851,120	5,602,893	32
231,255	24,770	39,096	93,176	70,623	2,837	753	436,905	420,789	10,919	5,197	----------	701,088	264,183	33
62,926	6,250	12,301	27,867	16,508	----------	----------	122,666	121,402	708	556	----------	238,722	116,056	34
92,437	12,800	11,181	47,106	21,350	----------	----------	157,396	155,301	933	1,162	----------	323,240	165,844	35
(5)	----------	(5)	(5)	----------	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	36
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	37
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	38
257,070	24,233	39,625	178,290	13,338	----------	1,584	767,472	753,566	3,951	9,955	----------	1,466,071	698,599	39
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	40
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	41
134,685	1,200	39,794	75,894	17,797	----------	----------	1,489,128	1,450,020	17,216	21,892	----------	1,922,403	433,275	42
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	43
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	44
79,517	28,055	1,106	49,674	----------	682	----------	29,156	22,077	1,285	4,415	1,379	123,410	94,254	45
43,603	3,000	7,343	33,260	----------	----------	----------	38,809	36,527	159	1,158	965	126,701	87,892	46
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	47
348,974	64,049	69,218	199,567	15,040	1,100	----------	582,881	571,776	2,192	8,913	----------	1,078,444	495,563	48
288,516	65,169	35,458	111,240	75,534	1,115	----------	1,059,461	1,045,026	753	13,682	----------	1,719,301	659,840	49
113,527	28,224	16,218	18,764	50,321	----------	----------	141,327	138,953	1,147	918	309	381,257	239,930	50
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	51
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	52
346,250	71,198	85,902	167,467	11,400	4,409	5,874	331,538	316,853	5,601	9,084	----------	855,587	524,049	53
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	54
1,795,084	241,397	267,496	1,098,832	180,578	6,781	----------	1,481,016	1,370,688	9,251	33,313	67,764	4,151,644	2,670,628	55
1,227,779	62,601	110,141	1,055,037	----------	----------	----------	940,850	794,919	101,231	42,565	2,135	2,494,655	1,553,805	56
204,377	15,511	26,881	119,004	42,981	----------	----------	114,859	107,911	1,381	4,603	964	461,200	346,341	57

TABLE 9.—GENERAL STATISTICS FOR

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
		INDIANAPOLIS INDUSTRIAL AREA—Continued									
1	6	Household furniture, except upholstered	8	2	246	9	26	203	8	.....	.....
2	1	Ice cream and ices	10	6	279	9	25	117	123	4	1
3	1	Ice, manufactured	15	4	189	5	20	100	60	1	3
4	12	Industrial leather belting and packing leather [a]	4	3	19	3	4	10	2	.....	.....
5	17	Industrial machinery, not elsewhere classified	5	1	84	2	5	75	2	.....	.....
6	9	Insecticides, fungicides, and related industrial and household chemical compounds	5	1	30	4	1	19	6		..
7	15	Jewelry (precious metals) [a]	8	5	462	8	136	308	9	1	.....
8	8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	4	4	130	6	14	104	6		
9	8	Machine and hand typesetting (including advertisement typesetting)	9	4	83	11	10	61	1	.	
10	17	Machine shop products, not elsewhere classified	19	9	691	20	163	498	9	.	1
11	17	Machine-shop repairs	8	5	42	5	3	34	..	...	.....
12	17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	10	9	147	9	15	118	3	1	1
13	6	Mattresses and bedsprings	4	2	141	3	17	109	11	.....	1
14	1	Meat packing, wholesale	9	7	3,070	9	276	2,318	367	100	.
15	17	Mechanical power-transmission equipment	7	3	3,123	13	243	2,491	375	1	
16	13	Mirrors and other glass products made of purchased glass	3	1	43	1	4	37	1	...	...
17	20	Miscellaneous fabricated products not elsewhere classified	3	4	98	.	7	76	15	.	. .
18	20	Models and patterns (except paper patterns)	7	8	47	2	1	43	1	. .	.
19	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	4	..	49	8	3	36	2	.	.
20	18	Motor vehicles, motor-vehicle bodies, parts and accessories	17	6	4,402	28	485	3,679	171	36	3
21	8	Newspapers: publishing and printing	9	5	1,403	5	473	735	190	.	..
22	8	Newspapers: publishing without printing	7	3	35	2	27	.. ..	6	.	..
23	1	Nonalcoholic beverages	8	7	407	12	29	128	224	3	11
24	15	Nonferrous-metal foundries (except aluminum)	3	....	62	7	4	45	1	...	5
25	15	Nonferrous-metal products not elsewhere classified	4	... .	265	4	34	206	8	13	.
26	9	Paints, varnishes, and lacquers	14	2	564	37	69	258	176	8	16
27	7	Paperboard containers and boxes not elsewhere classified	7	2	1,012	16	141	736	118	..	1
28	6	Partitions, shelving, cabinet work, and office and store fixtures	5	3	104	4	7	89	3	1	....
29	9	Perfumes, cosmetics, and other toilet preparations	5	3	130	7	13	64	42	. .	4
30	8	Periodicals: publishing and printing	3	2	119	3	21	40	55		. ..
31	8	Periodicals: publishing without printing	19	5	155	12	55	10	78	. .	..
32	8	Photoengraving, not done in printing establishments (including preparation of plates)	6	4	192	13	28	112	39	...	..
33	1	Pickled fruits and vegetables and vegetable sauces and seasonings	3		44	6	4	24	10	..	. ..
34	7	Planing mills not operated in conjunction with sawmills	23	6	255	9	29	174	33	1	9
35	1	Poultry dressing and packing, wholesale	10	7	80	1	5	67	7	.	.
36	1	Prepared feeds (including mineral) for animals and fowls	5	5	34	.....	4	16	12	...	2
37	17	Pumping equipment and air compressors	3	1	151	4	15	102	30	.	....
38	17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	3	2	653	1	97	503	5	47	. ..
39	11	Rubber products not elsewhere classified	3	.	509	6	35	430	34	....	4
40	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	7	1	304	17	29	254	4	.....	..
41	14	Screw-machine products and wood screws	6	4	186	6	16	159	5	.....	. ..
42	17	Sheet-metal work not specifically classified	6	. .	101	11	11	76	3	....	. .
43	20	Signs, advertising displays, and advertising novelties	11	9	75	6	5	63	1	.....	..
44	14	Stamped and pressed metal products (except automobile stampings)	5	5	288	2	9	262	15	.....	
45	17	Stokers, mechanical, domestic and industrial	3	3	199	5	19	133	38	..	4
46	14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	8	2	320	13	40	209	43	.	15
47	20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	3	2	12	4	.....	4	4	. ..	. .
48	6	Upholstered household furniture	3		234	5	23	199	6	1	. ..
49	6	Window shades	3	2	13	2	.....	10	1	..	. .
50	14	Wirework not elsewhere classified	4	4	203	2	29	172	... . ..	..	....
51	6	Wooden boxes except cigar boxes	3	2	59	2	6	51	....	. . ..	... ..
52	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	6	5	592	8	8	557	14	. ..	5
53		Other industries [6]	258	98	26,098	304	2,524	20,778	2,019	129	344
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]									
54	1	Food and kindred products	33	12	1,623	39	135	1,273	172	4	. ..
55	3	Textile-mill products and other fiber manufactures	6	5	4,297	6	152	3,821	318	.. ....	.....
56	4	Apparel and other finished products made from fabrics and similar materials	26	11	2,520	26	142	2,234	112	.....	6
57	6	Furniture and finished lumber products	20	4	981	22	73	854	30	2	.....
58	7	Paper and allied products	10	4	777	14	73	609	59	22	.. ..
59	8	Printing, publishing, and allied industries	14	7	589	22	71	413	82	1	.....
60	9	Chemicals and allied products	40	11	2,780	42	227	1,533	691	2	285
61	12	Leather and leather products	7	9	121	1	11	107	2	.. ...	. .. ..
62	13	Stone, clay, and glass products	6	2	671	5	62	591	10	3	.....

See footnotes at end of table.

INDUSTRIAL AREAS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
INDIANAPOLIS INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
268,996	25,491	39,588	195,728	8,189	----------	----------	437,683	411,159	3,951	8,497	14,076	799,932	362,249	1
362,675	23,894	35,136	131,378	164,430	6,997	840	1,032,487	985,152	9,354	37,981	----------	2,036,470	1,003,983	2
255,959	15,366	31,785	122,973	77,629	6,033	2,173	177,923	50,433	41,945	85,545	----------	825,892	647,969	3
31,849	12,100	3,322	14,427	2,000	----------	----------	64,110	62,163	1,142	805	----------	107,242	43,132	4
112,797	5,233	4,892	99,372	3,300	----------	----------	110,523	106,145	825	3,553	----------	282,674	172,151	5
62,807	17,850	1,225	18,502	25,230	----------	----------	77,007	74,456	1,547	1,004	----------	186,445	109,438	6
817,566	123,080	201,948	462,784	28,289	1,465	----------	1,126,069	1,060,715	3,469	7,195	54,690	2,666,707	1,540,638	7
197,378	28,523	24,077	129,520	15,258	----------	----------	274,940	254,196	778	4,998	14,968	614,587	339,647	8
175,040	49,927	15,347	108,746	1,020	----------	----------	45,924	39,719	1,114	3,600	1,491	293,085	247,161	9
1,127,861	88,506	318,851	709,334	11,010	----------	160	1,243,321	1,162,223	49,453	24,471	7,174	2,985,783	1,742,462	10
58,740	11,298	2,255	45,187	----------	----------	----------	26,555	23,103	965	2,179	308	117,935	91,380	11
269,271	43,385	21,733	193,205	8,860	1,464	624	89,753	79,309	1,557	5,572	3,315	454,755	365,002	12
191,647	18,096	32,242	120,587	19,340	----------	1,382	440,446	432,947	2,059	5,440	----------	749,562	309,116	13
4,104,957	41,455	467,054	2,967,808	519,840	108,800	----------	32,004,521	31,652,728	188,363	161,557	1,873	39,204,940	7,200,419	14
5,115,534	175,125	550,588	3,767,712	621,545	564	----------	3,369,267	3,146,613	101,184	121,470	----------	12,986,102	9,616,835	15
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	16
(5)	----------	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	17
70,304	12,024	765	56,442	1,073	----------	----------	29,017	25,916	1,715	1,221	165	145,383	116,366	18
66,782	20,150	3,295	39,238	4,099	----------	----------	54,758	48,643	2,085	4,030	----------	158,934	104,176	19
7,349,521	282,373	878,714	5,798,341	337,766	50,959	1,368	15,696,236	15,337,876	115,782	205,406	37,172	25,840,501	10,144,265	20
2,575,323	66,400	901,994	1,235,094	371,835	----------	----------	1,768,000	1,542,358	5,422	51,294	168,926	6,452,962	4,684,962	21
55,985	12,960	31,353	----------	11,672	----------	----------	65,876	1,666	----------	----------	64,210	154,308	88,432	22
776,765	181,691	49,928	133,825	389,916	5,772	15,633	1,346,807	1,321,559	8,868	16,380	----------	3,159,057	1,812,250	23
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	24
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	25
1,321,808	224,046	155,707	310,317	572,334	11,463	47,941	2,665,747	2,623,699	18,837	23,211	----------	4,939,722	2,273,975	26
1,283,231	113,037	218,296	781,776	168,967	----------	1,155	2,913,287	2,863,794	20,408	28,206	879	5,303,110	2,389,823	27
128,348	11,505	23,420	82,766	4,657	6,000	----------	118,446	113,018	2,393	2,387	648	270,437	151,991	28
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	29
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	30
302,000	36,470	113,984	19,407	132,139	----------	----------	713,358	330,745	173	955	381,485	1,645,485	932,127	31
456,365	80,892	45,285	251,671	78,517	----------	----------	93,219	65,409	234	6,453	21,123	698,528	605,309	32
50,120	13,474	5,699	19,932	11,015	----------	----------	86,372	84,856	732	784	----------	193,652	107,280	33
330,843	27,243	49,326	215,910	31,840	1,121	5,403	581,024	553,594	8,249	18,572	609	1,096,387	515,363	34
61,719	1,800	8,444	42,117	9,358	----------	----------	509,405	502,769	2,558	4,078	----------	628,993	119,588	35
27,467	----------	3,913	11,297	10,340	----------	1,917	245,504	240,714	3,278	1,512	----------	373,940	128,436	36
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	37
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	38
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	39
406,341	113,380	54,804	228,157	10,000	----------	----------	506,287	466,577	20,482	19,228	----------	1,071,676	565,389	40
231,692	21,852	29,323	177,056	3,461	----------	----------	309,512	275,835	2,033	9,998	21,646	704,383	394,871	41
118,028	32,881	17,193	65,560	2,394	----------	----------	94,089	89,814	1,956	2,319	----------	301,765	207,676	42
104,545	15,059	7,396	81,414	676	----------	----------	72,851	57,681	1,716	7,265	6,189	231,495	158,644	43
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	44
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	45
468,780	37,610	47,383	277,985	87,183	----------	18,619	405,898	372,014	7,771	6,113	20,000	1,127,014	721,116	46
16,041	7,564	----------	3,566	4,911	----------	----------	13,721	13,567	----------	154	----------	42,671	28,950	47
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	48
13,639	3,300	----------	9,305	1,034	----------	----------	18,570	17,750	642	178	----------	40,903	22,333	49
186,467	7,000	34,020	145,447	----------	----------	----------	192,284	185,742	3,186	3,356	----------	474,569	282,285	50
(5)	(5)	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	51
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	52
35,979,024	2,228,813	4,789,946	23,624,333	4,049,229	184,136	1,102,567	73,807,011	70,841,141	1,238,575	1,260,267	467,028	147,468,617	73,661,606	53
2,062,804	307,694	240,834	1,172,576	334,447	7,253	----------	12,949,041	12,693,975	143,660	111,406	----------	17,536,381	4,587,340	54
5,007,588	76,666	374,710	3,952,745	603,467	----------	----------	4,195,553	3,731,833	79,441	63,419	320,860	9,471,205	5,275,652	55
2,534,856	138,586	207,694	1,934,540	242,654	----------	11,382	4,205,760	4,163,200	15,221	26,152	1,187	8,156,105	3,950,345	56
1,011,269	97,394	123,189	740,791	48,110	1,785	----------	2,497,183	2,431,532	34,003	31,648	----------	4,097,717	1,600,534	57
1,110,181	122,818	141,937	676,420	135,026	33,980	----------	2,042,158	1,935,451	43,737	60,594	2,376	4,106,434	2,064,276	58
1,085,492	140,094	143,238	663,358	136,821	1,981	----------	755,371	646,259	11,128	27,223	70,761	2,343,877	1,588,506	59
5,770,735	513,662	531,071	2,097,945	1,628,576	4,974	994,507	9,212,372	8,899,276	159,776	153,320	----------	33,217,379	24,005,007	60
119,385	1,800	12,909	100,686	3,990	----------	----------	248,543	241,737	3,425	3,381	----------	448,088	199,545	61
823,227	52,480	134,231	615,937	17,714	2,865	----------	912,127	694,436	147,618	59,180	10,893	2,168,181	1,256,054	62

TABLE 9.—GENERAL STATISTICS FOR

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1]						
					Total [2]	Salaried officers of corporations [3]	Manufacturing		Distribution	Construction	Other
							Salaried employees [2]	Wage earners (average for year) [3]			
		INDIANAPOLIS INDUSTRIAL AREA—Continued									
1	14	Iron and steel and their products, except machinery	22	10	3,256	31	323	2,837	47	18	.....
2	15	Nonferrous metals and their products	12	3	398	16	51	302	10	13	6
3	16	Electrical machinery	17	5	2,865	26	352	2,207	280	.....	.....
4	17	Machinery (except electrical	21	7	1,773	32	315	1,270	105	47	4
5	20	Miscellaneous industries	17	8	532	12	39	449	31	1	.....
6	11	Rubber products	4	....	1,837	6	288	1,467	66	6	4
7	10	Products of petroleum and coal	2	}	1,078	4	210	811	4	10	39
8	19	Transportation equipment except automobiles	1								

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All Industries."

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.

[2] Figures do not include data for personnel of central-administrative offices.

[3] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

INDUSTRIAL AREAS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
INDIANAPOLIS INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
4,351,673	196,327	665,329	3,369,743	83,440	36,834	--------	8,010,170	7,536,776	295,416	166,535	11,443	15,288,439	7,278,269	1
495,933	45,267	79,450	341,200	8,392	16,860	4,764	1,401,258	1,353,173	26,501	21,269	315	2,768,517	1,307,259	2
4,000,048	261,508	745,853	2,571,743	420,944	--------	--------	6,775,902	6,536,137	60,880	160,133	18,732	14,023,280	7,257,378	3
2,435,729	177,138	525,135	1,480,984	201,417	48,024	3,031	8,390,978	8,255,489	51,878	69,212	14,399	12,877,735	4,486,757	4
623,384	47,872	59,748	438,962	75,697	1,105	--------	827,210	795,772	10,967	20,030	441	2,078,955	1,251,745	5
4,546,720	49,507	804,618	3,466,703	108,534	28,475	88,883	11,383,385	10,926,695	154,924	286,745	15,621	18,936,324	7,552,939	6, 7, 8

[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[6] For numbers of establishments and of wage earners in individual industries, see table 12.

[a] and [b] To avoid disclosing exact or approximate data for individual establishments, the data for certain establishments located outside the industrial areas have been included in the figures for the industries to which these footnotes are indexed. Data for these establishments are not, however, included in the total for the areas.
[a] 1 establishment. [b] 2 establishments.

TABLE 10.—GENERAL STATISTICS FOR EVANSVILLE, INDIANAPOLIS, AND SOUTH BEND, BY INDUSTRIES, AND PERSONNEL STATISTICS FOR FORT WAYNE AND GARY: 1939

[This table presents, for each city in the State having 100,000 or more inhabitants, except Fort Wayne and Gary, separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments, and gives statistics for the remaining industries both in combination ("Other industries" and by industry groups. Certain of the industries for which combined figures are given, however, reported larger numbers of wage earners or larger values of products than some of those shown separately. No data for nonmanufacturing personnel, except salaried officers of corporations, are included in this table]

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporation [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
	EVANSVILLE											
	All industries, total	186	100	200	1,871	13,371	$1,587,091	$3,595,772	$16,174,499	$69,986,489	$129,779,340	$59,792,851
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	22	25	2	14	208	13,000	25,762	220,446	637,458	1,272,587	635,129
2	Cigars	3	...	8	67	1,215	111,200	91,740	704,334	1,662,745	3,566,443	1,903,698
13	Concrete products	5	4	4	4	50	(4)	(4)	(4)	(4)	(4)	(4)
1	Creamery butter	3	...	2	15	65	(4)	(4)	(4)	(4)	(4)	(4)
9	Drugs and medicines (including drug grinding)	3	1	1	1	3	2,400	705	2,852	20,380	42,171	21,791
15	Electroplating, plating, and polishing	3	1	4	2	34	20,100	3,358	30,796	28,497	110,937	82,440
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	3	2	5	45	190	(4)	(4)	(4)	(4)	(4)	(4)
1	Flour and other grain-mill products	5	...	5	65	193	(4)	(4)	(4)	(4)	(4)	(4)
8	General commercial job printing	12	10	8	33	130	47,779	57,164	194,970	302,028	759,266	457,238
6	Household furniture, except upholstered	7	2	9	27	548	56,200	75,299	492,986	1,002,471	1,822,160	819,689
1	Ice cream and ices	5	8	2	4	18	3,595	4,642	19,160	127,456	222,806	95,350
1	Ice, manufactured	4	1	6	5	33	32,000	12,250	29,034	51,237	206,817	155,580
1	Malt liquors	3	...	6	53	628	(4)	(4)	(4)	(4)	(4)	(4)
1	Meat packing, wholesale	3	...	7	83	391	(4)	(4)	(4)	(4)	(4)	(4)
18	Motor vehicles, motor-vehicle bodies, parts and accessories	3	1	...	237	1,566	(4)	(4)	(4)	(4)	(4)	(4)
1	Nonalcoholic beverages	5	...	7	14	34	68,480	17,716	51,463	524,671	1,302,170	777,499
9	Paints, varnishes, and lacquers	3	.	2	2	43	(4)	(4)	(4)	(4)	(4)	(4)
5	Planing mills not operated in conjunction with sawmills	7	4	2	11	64	2,360	20,037	73,082	106,870	269,679	162,809
14	Stamped and pressed metal products (except automobile stampings)	4	3	9	14	162	(4)	(4)	(4)	(4)	(4)	(4)
6	Upholstered household furniture	4	3	6	7	188	(4)	(4)	(4)	(4)	(4)	(4)
	Other industries [5]	115	48	151	1,693	11,085	1,229,977	3,287,099	14,355,376	65,522,676	120,204,304	54,681,628
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	26	10	30	290	1,722	356,820	679,009	2,582,200	13,698,925	28,541,812	14,842,887
4	Apparel and other finished products made from fabrics and similar materials	4		8	43	271	47,946	47,155	180,825	499,888	918,579	418,691
6	Furniture and finished lumber products	16	11	16	30	577	59,954	50,419	493,252	1,410,224	2,394,974	984,750
9	Chemicals and allied products	6	1	2	4	53	2,600	8,793	59,640	303,224	490,293	187,069
13	Stone, clay, and glass products	9	4	11	19	272	66,440	32,089	280,594	332,555	857,955	525,400
14	Iron and steel and their products, except machinery	16	8	27	190	911	151,530	264,184	868,670	2,264,718	4,605,710	2,340,992
20	Miscellaneous industries	6	1	8	21	188	33,954	29,907	172,921	365,861	720,352	354,491
7	Paper and allied products	3	...	3	12	97						
8	Printing, publishing, and allied industries	8	10	5	67	266						
15	Nonferrous metals and their products	4	1	10	68	626						
17	Machinery (except electrical)	9	...	27	704	4,369	510,733	2,175,543	9,717,274	46,647,281	81,674,629	35,027,348
18	Automobiles and automobile equipment	3	1	...	237	1,566						
5	*Lumber and timber basic products	2										
11	Rubber products	1	1	4	8	167						
12	Leather and leather products	2										
	FORT WAYNE											
	All industries, total	161	86	183	2,120	11,178	(6)	(6)	(6)	(6)	(6)	(6)
	GARY											
	All industries, total	65	39	37	3,451	25,327	(6)	(6)	(6)	(6)	(6)	(6)
	INDIANAPOLIS											
	All industries, total	783	376	795	5,131	35,690	$4,808,533	$9,440,182	$43,430,827	$141,437,508	$272,022,818	$130,585,310
8	Bookbinding and related industries	9	6	7	2	51	12,690	2,101	60,024	22,739	155,841	133,102
8	Books: printing without publishing	6	2	8	10	40	(4)	(4)	(4)	(4)	(4)	(4)
8	Books: publishing without printing [b]	8	2	8	160	1	65,780	172,136	3,556	592,022	1,689,974	1,097,952
1	Bread and other bakery products (except biscuit, crackers, and pretzels) [a]	66	56	15	111	1,728	73,043	208,766	2,106,147	4,248,227	9,851,120	5,602,893
1	Candy and other confectionery products	7	...	8	31	130	24,770	39,096	93,176	436,905	701,088	264,183

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR EVANSVILLE, INDIANAPOLIS, AND SOUTH BEND, BY INDUSTRIES, AND PERSONNEL STATISTICS FOR FORT WAYNE AND GARY: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporation [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
		INDIANAPOLIS—Continued										
4	Canvas products (except bags)	4	2	3	13	40	$6,250	$12,301	$27,867	$122,666	$238,722	$116,056
6	Caskets, coffins, burial cases, and other morticians' goods	4	1	3	10	48	12,800	11,181	47,106	157,396	323,240	165,844
9	Cleaning and polishing preparations, blackings, and dressings	7	1	6	60	216	(4)	(4)	(4)	(4)	(4)	(4)
13	Concrete products	15	14	6	17	106	(4)	(4)	(4)	(4)	(4)	(4)
17	Construction and similar machinery (except mining and oil-field machinery and tools)	3	-------	11	152	416	(4)	(4)	(4)	(4)	(4)	(4)
1	Creamery butter [a]	9	-------	2	26	70	1,200	39,794	75,894	1,489,128	1,922,403	433,275
9	Drugs and medicines (including drug grinding)	10	1	15	114	1,044	(4)	(4)	(4)	(4)	(4)	(4)
16	Electrical appliances	4	-------	6	7	50	(4)	(4)	(4)	(4)	(4)	(4)
15	Electroplating, plating, and polishing	3	-------	7	1	36	28,055	1,106	49,674	29,156	123,410	94,254
8	Engraving (steel, copperplate, and wood); plate printing	6	8	2	7	54	3,000	7,343	33,260	38,809	126,701	87,892
7	Envelopes	3	1	3	10	143	(4)	(4)	(4)	(4)	(4)	(4)
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	9	6	14	42	161	64,049	69,218	199,567	582,881	1,078,444	495,563
1	Flavoring extracts and flavoring sirups, not elsewhere classified	5	1	7	11	22	28,224	16,218	18,764	141,327	381,257	239,930
1	Food preparations, not elsewhere classified	7	4	5	3	29	(4)	(4)	(4)	(4)	(4)	(4)
17	Food-products machinery	4	-------	10	43	125	71,198	85,902	167,467	331,538	855,587	524,049
8	General commercial (job) printing	76	52	67	156	770	241,397	267,496	1,098,832	1,481,016	4,151,644	2,670,628
14	Gray-iron and semisteel castings	10	1	14	54	827	62,601	110,141	1,055,037	940,850	2,494,655	1,553,805
14	Hardware not elsewhere classified	4	1	2	13	101	15,511	26,881	119,004	114,859	461,200	346,341
6	Household furniture, except upholstered [a]	8	2	9	26	203	25,491	39,588	195,728	437,683	799,932	362,249
1	Ice cream and ices	10	6	9	25	117	23,894	35,136	131,378	1,032,487	2,036,470	1,003,983
12	Industrial leather belting and packing leather [a]	4	3	3	4	10	12,100	3,322	14,427	64,110	107,242	43,132
17	Industrial machinery, not elsewhere classified	5	1	2	5	75	5,233	4,892	99,372	110,523	282,674	172,151
9	Insecticides, fungicides, and related industrial and household chemical compounds	5	1	4	1	19	17,850	1,225	18,502	77,007	186,445	109,438
15	Jewelry (precious metals) [a]	8	5	8	136	308	123,080	201,948	462,784	1,126,069	2,666,707	1,540,638
8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	4	4	6	14	104	28,523	24,077	129,520	274,940	614,587	339,647
8	Machine and hand typesetting (including advertisement typesetting)	9	4	11	10	61	49,927	15,347	108,746	45,924	293,085	247,161
17	Machine-shop products, not elsewhere classified	19	9	20	163	498	88,506	318,851	709,334	1,243,321	2,985,783	1,742,462
17	Machine-shop repairs	8	5	5	3	34	11,298	2,255	45,187	26,555	117,935	91,380
6	Mattresses and bedsprings	4	2	3	17	109	18,096	32,242	120,587	440,446	749,562	309,116
1	Meat packing, wholesale [a]	9	7	9	276	2,318	41,455	467,054	2,967,808	32,004,521	39,204,940	7,200,419
17	Mechanical power-transmission equipment	7	3	13	243	2,491	175,125	550,588	3,767,712	3,369,267	12,986,102	9,616,835
13	Mirrors and other glass products made of purchased glass	3	1	1	4	37	(4)	(4)	(4)	(4)	(4)	(4)
20	Miscellaneous fabricated products not elsewhere classified	3	4	-------	7	76	(4)	(4)	(4)	(4)	(4)	(4)
20	Models and patterns (except paper patterns)	7	8	2	1	43	12,024	765	56,442	29,017	145,383	116,366
13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	4	-------	8	3	36	20,150	3,295	39,238	54,758	158,934	104,176
18	Motor vehicles, motor-vehicle bodies, parts and accessories	14	3	28	251	2,483	(4)	(4)	(4)	(4)	(4)	(4)
8	Newspapers: publishing and printing	9	5	5	473	735	66,400	901,994	1,235,094	1,768,000	6,452,962	4,684,962
8	Newspapers: publishing without printing	7	3	2	27	-------	12,960	31,353	-------	65,876	154,308	88,432
1	Nonalcoholic beverages	8	7	12	29	128	181,691	49,928	133,825	1,346,807	3,159,057	1,812,250
15	Nonferrous-metal foundries (except aluminum)	3	-------	7	4	45	(4)	(4)	(4)	(4)	(4)	(4)
15	Nonferrous-metal products not elsewhere classified	4	-------	4	34	206	(4)	(4)	(4)	(4)	(4)	(4)
9	Paints, varnishes, and lacquers	14	2	37	69	258	224,046	155,707	310,317	2,665,747	4,939,722	2,273,975
7	Paperboard containers and boxes not elsewhere classified [a]	7	2	16	141	736	113,037	218,296	781,776	2,913,287	5,303,110	2,389,823
6	Partitions, shelving, cabinet work, and office and store fixtures	5	3	4	7	89	11,505	23,420	82,766	118,446	270,437	151,991
9	Perfumes, cosmetics, and other toilet preparations	5	3	7	13	64	(4)	(4)	(4)	(4)	(4)	(4)
8	Periodicals: publishing and printing	3	2	3	21	40	(4)	(4)	(4)	(4)	(4)	(4)
8	Periodicals: publishing without printing [a]	19	5	12	55	10	36,470	113,984	19,407	713,358	1,645,485	932,127

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR EVANSVILLE, INDIANAPOLIS, AND SOUTH BEND, BY INDUSTRIES, AND PERSONNEL STATISTICS FOR FORT WAYNE AND GARY: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
	INDIANAPOLIS—Continued											
8	Photoengraving, not done in printing establishments (including preparation of plates)	6	4	13	28	112	$80,892	$45,285	$251,671	$93,219	$698,528	$605,309
1	Pickled fruits and vegetables and vegetable sauces and seasonings	3	...	6	4	24	13,474	5,699	19,932	86,372	193,652	107,280
5	Planing mills not operated in conjunction with sawmills	23	6	9	29	174	27,243	49,326	215,910	581,024	1,096,387	515,363
1	Poultry dressing and packing, wholesale	10	7	1	5	67	1,800	8,444	42,117	509,405	628,993	119,588
1	Prepared feeds (including mineral) for animals and fowls	5	5	...	4	16	...	3,913	11,297	245,504	373,940	128,436
17	Pumping equipment and air compressors	3	1	4	15	102	(4)	(4)	(4)	(4)	(4)	(4)
17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	3	2	1	97	503	(4)	(4)	(4)	(4)	(4)	(4)
11	Rubber products not elsewhere classified	3	...	6	35	430	(4)	(4)	(4)	(4)	(4)	(4)
5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills [6]	7	1	17	29	254	113,380	54,804	228,157	506,287	1,071,676	565,389
14	Screw-machine products and wood screws	6	4	6	16	159	21,852	29,323	177,056	309,512	704,383	394,871
15	Sheet-metal work not specifically classified	6	...	11	11	76	32,881	17,193	65,560	94,089	301,765	207,676
14	Stamped and pressed metal products (except automobile stampings)	5	5	2	9	262	(4)	(4)	(4)	(4)	(4)	(4)
17	Stokers, mechanical, domestic and industrial	3	3	5	19	133	(4)	(4)	(4)	(4)	(4)	(4)
14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	8	2	13	40	209	37,610	47,383	277,985	405,898	1,127,014	721,116
20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	3	2	4	...	4	7,564	...	3,566	13,721	42,671	28,950
6	Upholstered household furniture	3	...	5	23	199	(4)	(4)	(4)	(4)	(4)	(4)
6	Window shades	3	2	2	...	10	3,300	...	9,305	18,570	40,903	22,333
14	Wirework not elsewhere classified	4	4	2	29	172	7,000	34,020	145,447	192,284	474,569	282,285
6	Wooden boxes except cigar boxes	3	2	2	6	51	(4)	(4)	(4)	(4)	(4)	(4)
4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	6	5	8	8	557	(4)	(4)	(4)	(4)	(4)	(4)
	Other industries [5]	306	126	347	2,550	21,939	2,467,608	4,912,292	25,469,655	78,033,294	155,986,312	77,953,018
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	44	12	44	155	1,364	323,060	272,619	1,287,326	13,058,362	18,249,667	5,191,305
4	Apparel and other finished products made from fabrics and similar materials	26	11	26	142	2,233	138,586	207,694	1,934,540	4,205,760	8,156,105	3,950,345
6	Furniture and finished lumber products	19	4	22	67	713	97,394	107,066	601,359	1,681,421	2,943,984	1,262,563
7	Paper and allied products	9	3	14	71	600	122,818	140,289	671,452	2,021,832	4,066,294	2,044,462
8	Printing, publishing, and allied industries	14	7	22	71	413	140,094	143,238	663,358	755,371	2,343,877	1,588,506
9	Chemicals and allied products	40	10	47	236	1,568	555,231	553,632	2,114,004	9,617,775	34,038,457	24,420,682
12	Leather and leather products	5	8	1	9	60	1,800	8,630	48,231	118,856	223,911	105,055
13	Stone, clay, and glass products	21	16	11	79	713	74,633	169,206	757,004	1,571,919	3,403,936	1,832,017
14	Iron and steel and their products, except machinery	20	10	27	278	2,360	157,677	577,003	2,691,243	6,445,014	12,424,148	5,979,134
15	Nonferrous metals and their products	12	3	16	51	303	45,267	79,450	341,200	1,401,258	2,708,517	1,307,259
16	Electrical machinery	15	5	19	289	1,794	141,508	620,765	2,047,690	4,606,792	10,305,703	5,698,911
17	Machinery (except electrical)	29	12	41	329	1,372	220,523	546,088	1,648,484	8,464,322	13,273,865	4,809,543
20	Miscellaneous industries	26	17	13	37	454	40,471	54,737	470,240	783,019	2,065,178	1,282,159
3	Textile-mill products and other fiber manufactures	6	5	6	152	3,821						
18	Automobiles and automobile equipment	14	3	28	251	2,483	408,546	1,431,875	10,193,524	23,301,593	41,782,670	18,481,077
10	Products of petroleum and coal	2	...	10	333	1,688						
11	Rubber products	4										
	SOUTH BEND											
	All industries, total	153	87	175	2,418	16,871	$1,337,741	$4,717,850	$25,026,945	$77,315,932	$138,679,050	$61,363,118
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	20	18	5	30	250	17,240	51,790	327,854	649,159	1,407,866	758,707
13	Concrete products	3	2	2	...	11	(4)	(4)	(4)	(4)	(4)	(4)
8	General commercial (job) printing	12	11	9	12	90	40,520	25,183	120,438	224,741	568,312	343,571

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR EVANSVILLE, INDIANAPOLIS, AND SOUTH BEND, BY INDUSTRIES, AND PERSONNEL STATISTICS FOR FORT WAYNE AND GARY: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
		SOUTH BEND—Continued										
8	Machine and hand typesetting (including advertisement typesetting)	4	2	4	2	12	$7,860	$3,427	$27,691	$6,200	$68,591	$62,391
17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	7	9	4	20	255	11,081	60,197	536,169	310,626	1,251,225	940,599
20	Models and patterns (except paper patterns)	4	4	4	2	21	11,960	3,020	33,087	12,508	79,386	66,878
18	Motor vehicles, motor-vehicle bodies, parts and accessories	3	-------	12	1,519	9,253	(4)	(4)	(4)	(4)	(4)	(4)
8	Newspapers: publishing and printing	6	5	6	72	121	(4)	(4)	(4)	(4)	(4)	(4)
1	Nonalcoholic beverages	5	3	1	3	21	38,012	4,156	19,056	186,724	441,663	254,939
7	Paperboard containers and boxes not elsewhere classified	4	1	6	16	190	(4)	(4)	(4)	(4)	(4)	(4)
8	Photoengraving, not done in printing establishments (including preparation of plates)	4	1	9	5	38	23,165	6,686	74,801	28,266	168,513	140,247
5	Planing mills not operated in conjunction with sawmills	4	2	3	4	33	16,000	7,900	34,278	83,869	171,977	88,108
20	Signs, advertising displays, and advertising novelties	3	1	2	-------	7	4,200	-------	11,401	8,323	33,485	25,162
6	Wood products not elsewhere classified	3	-------	9	13	124	64,500	21,435	136,629	210,927	517,755	306,828
	Other industries [5]	87	36	125	2,327	16,020	1,103,203	4,534,056	23,705,541	75,594,589	133,970,277	58,375,688
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	12	5	15	15	179	67,221	48,624	270,620	1,022,479	2,999,890	1,977,411
7	Paper and allied products	7	1	10	25	304	61,839	56,375	287,329	1,139,110	1,929,405	790,295
8	Printing, publishing, and allied industries	13	8	14	78	176	78,309	176,096	268,509	399,707	1,586,436	1,186,729
13	Stone, clay, and glass products	4	2	3	-------	15	9,820	1,150	19,862	74,195	138,178	63,983
14	Iron and steel and their products, except machinery	7	3	11	36	367	88,200	72,826	481,080	739,236	1,800,674	1,061,438
15	Nonferrous metals and their products	6	2	7	5	36	10,289	11,221	42,981	56,580	174,793	118,213
17	Machinery (except electrical)	12	4	27	337	1,901	253,091	628,767	2,973,785	5,222,712	11,868,339	6,645,627
	Apparel and other finished products made from fabrics and similar materials	4	2	2	59	1,669						
6	Furniture and finished lumber products	3	2	1	110	728						
9	Chemicals and allied products	4	2	6	13	139						
16	Electrical machinery	3	-------	6	24	256						
18	Automobiles and automobile equipment	3	-------	12	1,519	9,253						
20	Miscellaneous industries	3	1	6	44	334	534,434	3,538,997	19,361,375	66,940,570	113,472,562	46,531,992
2	Tobacco manufactures	1										
3	Textile-mill products and other fiber manufactures	2	4	5	62	663						
5	Lumber and timber basic products	1										
10	Products of petroleum and coal	2										

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] Figures do not include data for personnel of central-administrative offices.
[2] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.
[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[4] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[5] For numbers of establishments and of wage earners in individual industries, see table 12.
[6] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments.

[a] and [b] To avoid disclosing exact or approximate data for individual establishments, the data for certain establishments located outside Indianapolis have been included in the figures for the industries to which these footnotes are indexed. Data for these establishments are not, however, included in the totals for the city.
[a] 1 establishment. [b] 2 establishments.

Table 11.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939

County	Total	Industry group 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
The State	4,837	1,386	14	25	139	222	301	76	633	182	20	18	34	265	311	113	54	307	74	26	137
Adams	32	11			3	1	7		4	1				3	1		1				
Allen	180	54	3	2	7	7	4	4	29	8			3	7	10	5	7	19	2	2	7
Bartholomew	58	16			1	5	5	1	5	2			2	3	6		2	7	1		2
Benton	6	2							4												
Blackford	23	7				2		3	3				1	5				1	1		
Boone	28	9			1	2	1		4	3				2				5	1		
Brown	1					1															
Carroll	17	6				3	1		4					1	1				1		
Cass	53	24			4	1	1	1	4	3	1	1		2	2	2	2	1	2		2
Clark	27	10			1	2	2		2	4				1	2					3	
Clay	23	9	1						3	1				7				2			
Clinton	25	11			1	1	1		5	1				1	2	1			1		
Crawford	6	2				2			2												
Daviess	28	17				3	1		2					3	1			1			
Dearborn	30	14				2	4	1	4						3			1		1	
Decatur	18	11			1				1	2					1			1			1
De Kalb	41	17			3	1	1		5	1		1			3	1		4	1		3
Delaware	108	29			3	1	4	3	10	1	1			6	19	9	1	16	2		3
Dubois	72	26			1	17	19		3					2				1	1	2	
Elkhart	154	35			4	5	16	3	15	3		4		2	16	11	3	15	8	3	11
Fayette	25	7				1	2		3	1					5			6			
Floyd	58	13		1	2	11	4		6	4			3	4	4	1		5			
Fountain	12	7							2					2	1						
Franklin	6	3					1		2												
Fulton	15	10			1	1			2						1						
Gibson	19	8				1			5					1	2	1	1				
Grant	102	35			2	1	5	10	12	3			1	8	11	2	3	5			4
Greene	23	10				1	1		4	1				3	1			1			1
Hamilton	25	15					1	1	5	1		1			1						
Hancock	19	8			1	1	1		4	2							1		1		
Harrison	14	4				4	1		2					2						1	
Hendricks	11	4				1	1		5												
Henry	42	15			1	2	6		6					1	6			1	3		1
Howard	55	17	1		2	1	2		6	1				3	9	3	2	2	3		3
Huntington	57	16			1	3	6	1	10	2	1	2	1	8	1		1	2	1		1
Jackson	40	16		1	1	5	2	1	3	2			4	3	1				1		
Jasper	9	6				1			2												
Jay	30	12			3	2	1		2					5	1			1	1		2
Jefferson	28	10			2	4	2		3	3			1		2					1	
Jennings	16	3		2	1	2	4		2									1			
Johnson	34	15			1	7	2		6	1					2						
Knox	39	18				3		3	6				1	4	1			2			1
Kosciusko	34	14			2		5		2	1				2	2			2			4
Lagrange	6	4							1					1							
Lake	236	71	2	2	5	1	5	3	28	21	11			16	30	10	2	15	1	9	4
La Porte	94	25		3	6	2	6	1	7	3		1	2	1	14	1		12	2	2	6
Lawrence	33	7			2	1	1	1	3					15	1			1	1		
Madison	117	42	1		3	2	4	1	14	2				10	14	4	2	13	1		4
Marion	818	180		6	30	30	44	17	165	63	2	4	10	29	63	28	17	74	17	1	38
Marshall	30	10			1	2	1		7					2	2	1	1	1	2		
Martin	5				1	1			1					1							1
Miami	32	9			2		5	2	4	2				2	5	1					
Monroe	54	11			1	4	4		7	1				26							
Montgomery	39	16			2	2	1		5	1				4	3	2		2			1
Morgan	29	8				8	4		4					5							
Newton	6	4							1	1											
Noble	34	9			2	2	5		4	1					2	2		3	1		3
Ohio	4	2					1		1												
Orange	21	11				2	3		4	1											
Owen	7					2	1		3	1											
Parke	11	5				2			3					1							
Perry	24	9		1		1	7		2					2	1						1
Pike	9	5				1			2												1
Porter	23	4			2	1			5	1				1	1		1	6			1
Posey	17	10			1		1		3						1			1			
Pulaski	10	3			1	2			2					2							
Putnam	11	6				1			2					1		1					
Randolph	31	11			2	2	3		4				1	1			1	4	1		1
Ripley	30	12				7	7		3												1
Rush	20	10			1	2	2	1	1	1					1			1			
St. Joseph	202	58	1	3	7	5	8	8	37	5	2	1	2	9	11	7	3	21	4		10
Scott	10	3			1	2			2						1	1					
Shelby	41	16			2		7	1	4	1				2	2			4			2
Spencer	16	8				1			3		1			3							
Starke	9	3			1	1			3												1
Steuben	15	8				1			1	1				2		1		1			
Sullivan	12	6				1			2	2								1			
Switzerland	3	2							1												
Tippecanoe	44	17		1		2		2	9	1		1		2	2	2	1	2	2		
Tipton	20	13					1		1	2						1		1			1
Union	4	1							1	1								1			
Vanderburgh	203	66	4		4	11	28	3	20	9		1	2	13	16	7		10	3		6
Vermillion	14	8			1				3					2							
Vigo	121	47	1		3	3	6	3	19	7	1			8	8	4	1	4	1		5
Wabash	47	13			1	1	6	1	8	1		1		6	3	1		5			
Warrick	12	8			1				2					1							
Washington	22	6			1	3	3		4	1				3		1					
Wayne	97	21		1	3	1	20		10					3	10	2	1	17	5	1	2
Wells	17	6			1	1	1		3									3	1		1
White	12	5		1		1	2		3												
Whitley	22	11		1	1	2			2						2			1	1		1

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE CHICAGO AND INDIANAPOLIS INDUSTRIAL AREAS, AND FOR EVANSVILLE, INDIANAPOLIS, AND SOUTH BEND: 1939

[In order to avoid disclosing data for individual establishments, wage-earner figures for industries represented by fewer than 3 establishments are withheld]

Group No.[1]	TITLE	Number of establishments	Wage earners
	STATE OF INDIANA		
1	Baking powder, yeast, and other leavening compounds	2	
	Beet sugar	1	
	Blended and prepared flour made from purchased flour	2	
	Cane-sugar refining	1	
	Cooking and other edible fats and oils, not elsewhere classified	1	
	Corn sirup, corn sugar, corn oil, and starch	2	
	Custom slaughtering, wholesale	2	
	Food preparations, not elsewhere classified	15	477
	Liquors, rectified or blended	3	263
	Macaroni, spaghetti, vermicelli, and noodles	2	
	Oleomargarine—not made in meat-packing establishments	1	
	Salad dressings	4	543
	Vinegar and cider	2	
3	Batting, padding, and wadding; upholstery filling	1	
	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	1	
	Cloth sponging and miscellaneous special finishing	1	
	Cotton broad woven goods	2	
	Cotton narrow fabrics	2	
	Cotton thread	1	
	Dyeing and finishing cotton, rayon, silk, and linen textiles	1	
	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	1	
	Hosiery—seamless	1	
	Knitted cloth	1	
	Knitted underwear	2	
	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	1	
	Silk yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	1	
4	Children's coats—made in inside factories or by jobbers engaging contractors	1	
	Clothing, leather and sheep-lined	1	
	Corsets and allied garments	3	699
	Men's and boys' hats and caps (except felt and straw)	2	
	Men's neckwear—made in inside factories or by jobbers engaging contractors	1	
	Millinery	1	
	Miscellaneous fabricated textile products not elsewhere classified	2	
	Raincoats and other waterproof garments (except oiled cotton)	1	
	Robes, lounging garments, and dressing gowns	1	
	Textile bags—not made in textile mills	2	
	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	1	
	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	3	661
	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics	1	
	Women's, children's, and infants' underwear and nightwear of knitted fabrics	1	
	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	3	141
	Work shirts	5	1,444
5	Logging camps and logging contractors (not operating sawmills)	1	
6	Cigar boxes: wooden, part wooden	2	
	Excelsior	2	
	Lasts and related products	1	
	Mirror frames and picture frames	2	
	Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets	5	333
	Venetian blinds	4	101
7	Coated and glazed paper	1	
	Die-cut paper and paperboard, and converted cardboard	2	
	Envelopes	3	143
	Fiber cans, tubes, and similar products	1	
	Paper bags, except those made in paper mills	2	
	Wallpaper	2	
8	Books: publishing and printing	3	229
	Gravure, rotogravure, and rotary photogravure (including preparation of plates)	1	
	Greeting cards (except hand-painted)	2	
9	Cleaning and polishing preparations, blackings, and dressings	10	229
	Coal-tar products, crude and intermediate	2	
	Colors and pigments	3	219
	Explosives	1	
	Fireworks	1	
	Glue and gelatin	4	84
	Mucilage, paste, and other adhesives, except glue and rubber cement	1	
	STATE OF INDIANA—Continued		
9	Printing ink	2	
	Soap and glycerin	6	1,255
	Soybean oil, cake, and meal	3	180
	Vegetable and animal oils, not elsewhere classified	1	
	Writing ink	1	
10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	3	28
11	Rubber boots and shoes (including rubber-soled footwear with fabric uppers)	1	
	Tires and inner tubes	2	
12	Boot and shoe cut stock and findings	2	
	Leather gloves and mittens	2	
13	Abrasive wheels, stones, paper, cloth, and related products	3	23
	Flat glass	3	286
	Floor and wall tile (except quarry tile)	3	441
	Gypsum products	1	
	Minerals and earths, ground or otherwise treated	2	
	Nonclay refractories	1	
	Porcelain electrical supplies	2	
	Pottery products not elsewhere classified	1	
	Sand-lime brick, block and tile	1	
	Vitreous-china plumbing fixtures	1	
	Whiteware	1	
14	Enameling, japanning, and lacquering	2	
	Files	1	
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	1	
	Heating and cooking apparatus, except electric, not elsewhere classified	2	
	Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills	2	
	Power boilers and associated products	10	229
	Safes and vaults	1	
	Saws	3	1,097
	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	3	255
	Tin cans and other tinware not elsewhere classified	7	427
	Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills	4	404
15	Clocks, watches, and materials and parts (except watchcases)	1	
	Engraving on metal (except for printing purposes)	1	
	Lighting fixtures	10	2,877
	Primary smelting and refining of nonferrous metals	2	
	Silverware and plated ware	2	
16	Automotive electrical equipment	4	6,246
	Batteries, storage and primary (dry and wet)	7	1,126
	Communication equipment	4	1,201
	Electrical measuring instruments	2	
	Electrical products not elsewhere classified	3	34
	Electric lamps	1	
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	8	3,984
	X-ray and therapeutic apparatus and electronic tubes	2	
17	Blowers; exhaust and ventilating fans	4	273
	Commercial laundry, dry-cleaning, and pressing machinery	4	53
	Internal-combustion engines	2	
	Laundry equipment, domestic	3	220
	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	3	50
	Mining machinery and equipment	1	
	Office and store machines not elsewhere classified	1	
	Oil-field machinery and tools	1	
	Paper-mill, pulp-mill, and paper-products machinery	2	
	Printing-trades machinery and equipment	2	
	Scales and balances	1	
	Special-industry machinery, not elsewhere classified	4	456
19	Aircraft and parts, including aircraft engines	2	
	Boat building and boat repairing	1	
	Motorcycles, bicycles, and parts	1	
	Transportation equipment not elsewhere classified	4	200
20	Buttons	2	
	Children's vehicles	2	
	Feathers, plumes, and artificial flowers	3	172
	Hand stamps, stencils, and brands	2	
	Jewelry cases and instrument cases	1	
	Ophthalmic goods: lenses and fittings	2	
	Organs	1	
	Photographic apparatus and materials and projection equipment (except lenses)	1	
	Surgical and medical instruments	1	
	Wool pulling	1	

See footnote at end of table.

TABLE 12. INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE CHICAGO AND INDIANAPOLIS INDUSTRIAL AREAS, AND FOR EVANSVILLE, INDIANAPOLIS, AND SOUTH BEND: 1939—Continued

Group No.	TITLE	Number of establishments	Wage earners
	CHICAGO INDUSTRIAL AREA		
1	Baking powder, yeast, and other leavening compounds	6	607
	Blends: Enriched prepared flour made from purchased flour	4	44
	Cane sugar refining	1	
	Canned and dried fruits and vegetables (including canned soups)	14	2,364
	Cereal preparations	5	577
	Chewing gum	2	
	Chocolate and cocoa products	3	142
	Corn sirup, corn sugar, corn oil, and starch	2	
	Custom slaughtering, wholesale	2	
	Liquors, rectified or blended	18	83
	Malt	4	
	Preserves, jams, jellies, and fruit butters	15	
	Salad dressings	6	206
	Special dairy products	4	
	Vinegar and cider	2	
	Wines	1	
2	Tobacco (chewing and smoking) and snuff	3	
3	Artificial leather and oilcloth	1	
	Carpets and rugs, wool	1	
	Cloth sponging and miscellaneous special finishing	8	346
	Cordage and twine	1	
	Cotton broad woven goods	6	
	Cotton thread	2	
	Cotton yarn	2	
	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	5	
	Hosiery, seamless	3	884
	Knitted cloth	2	
	Knitted gloves	2	
	Knitted underwear	3	
	Lace goods	1	
	Rayon narrow fabrics	2	
	Silk yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	2	
	Woolen and worsted manufactures—contract factories	1	
	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	2	
4	Children's and infants' wear not elsewhere classified—made in contract factories	1	
	Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors	1	
	Children's coats—made in contract factories	1	
	Children's dresses—made in contract factories	1	
	Dress and semidress gloves and mittens: cloth, cloth and leather combined	3	512
	Handkerchiefs—made in inside factories or by jobbers engaging contractors	4	323
	Hat and cap materials; trimmings, etc.	3	
	House dresses, uniforms, and aprons—made in contract factories	2	
	Men's neckwear—made in contract factories	1	
	Miscellaneous fabricated textile products not elsewhere classified	28	
	Raincoats and other waterproof garments (except oiled cotton)	5	
	Suspenders, garters, and other goods made from purchased elastic material	4	
	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics	5	130
	Work gloves and mittens: cloth, cloth and leather combined	1	
	Work shirts	2	
5	Plywood mills	2	
	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	1	
6	Baskets for fruits and vegetables	1	
	Cigar boxes: wooden, part wooden	2	
	Cork products	2	
	Lasts and related products	1	
	Upholstered household furniture	44	2,479
	Window and door screens and weather strip	24	246
	Wood preserving	2	
7	Converted paper products not elsewhere classified	29	
	Die-cut paper and paperboard, and converted cardboard	8	
	Fiber cans, tubes, and similar products	6	
	Pulp goods (pressed, molded)	1	
9	Ammunition	1	
	Bluing	1	
	Candles	1	
	Coal-tar products, crude and intermediate	4	
	Essential oils	2	
	Fireworks	2	
	Grease and tallow (except lubricating greases)	7	466
	Linseed oil, cake, and meal	2	
	Rayon and allied products	2	
	Vegetable and animal oils, not elsewhere classified	2	
	Writing ink	2	
	CHICAGO INDUSTRIAL AREA—Continued		
11	Rubber products not elsewhere classified	33	
	Tires and inner tubes	1	
12	Boot and shoe cut stock and findings	15	345
	Leather goods not elsewhere classified	11	
	Leather: tanned, curried, and finished—contract factories	3	
	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	20	3,291
13	Asbestos products (except steam packing and pipe and boiler covering)	10	
	Cement	1	
	China firing and decorating (for the trade)	7	244
	Clay refractories, including refractory cement (clay)	2	
	Glass containers	2	
	Gypsum products	1	
	Lime	3	144
	Natural graphite, ground and refined	1	
	Nonclay refractories	3	
	Sand-lime brick, block and tile	1	
	Tableware, pressed or blown glass, and glassware not elsewhere classified	2	
	Terra cotta	1	
	Vitreous-china plumbing fixtures	1	
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	12	
	Whiteware	1	
14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	26	
	Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills	5	
	Enameling, japanning, and lacquering	16	319
	Files	2	
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	9	
	Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills	1	
	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	5	
	Steam and hot-water heating apparatus (including hot-water furnaces)	2	
	Steam fittings, regardless of material	26	6,987
	Steel barrels, kegs, and drums	5	
	Vitreous enameled products, including kitchen, household, and hospital utensils	2	
15	Aluminum ware, kitchen, hospital, and household (except electrical appliances)	4	154
	Clocks, watches, and materials and parts (except watchcases)	10	2,324
	Collapsible tubes	1	
	Gold and silver leaf and foil	3	44
	Primary smelting and refining of nonferrous metals	2	
	Secondary smelting and refining, gold, silver, and platinum	2	
	Silverware and plated ware	5	
	Tin and other foils (except gold and silver foil)	1	
	Watchcases	1	
16	Carbon products for the electrical industry, and manufactures of carbon or artificial graphite	1	
	Communication equipment	38	13,764
	Electrical measuring instruments	11	
	Electric lamps	5	
17	Agricultural machinery (except tractors)	13	4,582
	Blowers: exhaust and ventilating fans	4	205
	Commercial laundry, dry-cleaning, and pressing machinery	9	
	Construction and similar machinery (except mining and oil-field machinery and tools)	15	1,286
	Internal-combustion engines	4	751
	Laundry equipment, domestic	4	741
	Measuring and dispensing pumps	1	
	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	1	
	Mining machinery and equipment	2	
	Office and store machines not elsewhere classified	15	1,378
	Sewing machines, domestic and industrial	3	392
	Steam engines, turbines, and water wheels	1	
	Stokers, mechanical, domestic and industrial	6	611
	Textile machinery	1	
	Tractors	1	
19	Aircraft and parts, including aircraft engines	4	71
	Boat building and boat repairing	3	
	Locomotives (including frames) and parts: railroad, mining, and industrial	1	
20	Carbon paper and inked ribbons	9	174
	Children's vehicles	6	
	Feathers, plumes, and artificial flowers	18	
	Fire extinguishers, chemical	2	

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE CHICAGO AND INDIANAPOLIS INDUSTRIAL AREAS, AND FOR EVANSVILLE, INDIANAPOLIS, AND SOUTH BEND: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	CHICAGO INDUSTRIAL AREA—Continued		
20	Needles, pins, hooks and eyes, and slide and snap fasteners	3	
	Optical instruments and lenses	2	
	Organs	3	
	Pencils (except mechanical) and crayons	1	
	Piano and organ parts and materials	2	
	Pianos	5	
	Soda fountains, beer dispensing equipment and related products	3	674
	Tobacco pipes and cigarette holders	2	
	Wool pulling	1	
	INDIANAPOLIS INDUSTRIAL AREA		
1	Biscuit, crackers, and pretzels	2	
	Cane-sugar refining	1	
	Canned and dried fruits and vegetables (including canned soups)	2	
	Cheese	3	14
	Corn sirup, corn sugar, corn oil, and starch	1	
	Custom slaughtering, wholesale	1	
	Flour and other grain-mill products	6	266
	Food preparations, not elsewhere classified	7	29
	Malt liquors	2	
	Oleomargarine—not made in meat-packing establishments	1	
	Preserves, jams, jellies, and fruit butters	3	
	Salad dressings	1	
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	2	
	Vinegar and cider	1	
3	Cloth sponging and miscellaneous special finishing	1	
	Cotton broad woven goods	1	
	Dyeing and finishing cotton, rayon, silk, and linen textiles	1	
	Hosiery—full-fashioned	3	
4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	1	
	Fur coats and other fur garments, accessories, and trimmings	3	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	1	
	Housefurnishings (except curtains, draperies, and bedspreads)	2	
	Men's and boys' hats and caps (except felt and straw)	2	
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	1	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	1	
	Men's neckwear—made in inside factories or by jobbers engaging contractors	1	
	Millinery	1	
	Miscellaneous fabricated textile products not elsewhere classified	1	
	Textile bags—not made in textile mills	1	
	Trousers (semidress), wash suits, and washable service apparel	1	
	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	1	
	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	1	
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	6	557
	Work gloves and mittens: cloth, cloth and leather combined	2	
6	Cooperage	1	
	Excelsior	1	
	Laboratory, hospital, and other professional furniture	4	
	Office furniture	1	
	Public-building furniture	1	
	Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets	1	
	Upholstered household furniture	3	199
	Venetian blinds	2	
	Wooden boxes except cigar boxes	3	51
	Wood preserving	2	
	Wood products not elsewhere classified	1	
7	Coated and glazed paper	1	
	Converted paper products not elsewhere classified	4	211
	Envelopes	3	143
	Paper and paperboard mills	1	
	Paper bags, except those made in paper mills	1	
8	Books: printing without publishing	6	40
	Books: publishing and printing	2	
	Electrotyping and stereotyping, not done in printing establishments	2	
	Greeting cards (except hand-painted)	1	
	Periodicals: publishing and printing	3	40

Group No.[1]	TITLE	Number of establishments	Wage earners
	INDIANAPOLIS INDUSTRIAL AREA—Continued		
9	Chemicals not elsewhere classified	1	
	Cleaning and polishing preparations, blackings, and dressings	7	210
	Coal-tar products, crude and intermediate	1	
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	6	66
	Drugs and medicines (including drug grinding)	10	1,044
	Grease and tallow (except lubricating greases)	2	
	Lubricating oils and greases—not made in petroleum refineries	3	
	Mucilage, paste, and other adhesives, except glue and rubber cement	1	
	Perfumes, cosmetics, and other toilet preparations	5	64
	Printing ink	2	
	Soap and glycerin	2	
10	Oven coke and coke-oven byproducts	1	
	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	1	
11	Rubber products not elsewhere classified	3	430
	Tires and inner tubes	1	
12	Boot and shoe cut stock and findings	1	
	Leather goods not elsewhere classified	1	
	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	1	
	Suitcases, brief cases, bags, trunks, and other luggage	4	
13	Flat glass	1	
	Glass containers	1	
	Mirrors and other glass products made of purchased glass	3	37
	Porcelain electrical supplies	1	
14	Automobile stampings	2	
	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	1	
	Doors, window sash, frames, molding, and trim (made of metal)	1	
	Forgings, iron and steel—made in plants not operated in connection with rolling mills	1	
	Malleable-iron castings	1	
	Power boilers and associated products	2	
	Saws	1	
	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	1	
	Stamped and pressed metal products (except automobile stampings)	5	262
	Steam fittings, regardless of material	1	
	Steel castings	1	
	Steel works and rolling mills	1	
	Tin cans and other tinware not elsewhere classified	2	
	Tools (except edge tools, machine tools, files, and saws)	2	
15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	1	
	Engraving on metal (except for printing purposes)	1	
	Lighting fixtures	2	
	Nonferrous-metal foundries (except aluminum)	3	45
	Nonferrous-metal products not elsewhere classified	4	206
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	1	
16	Automotive electrical equipment	1	
	Batteries, storage and primary (dry and wet)	4	398
	Communication equipment	2	
	Electrical appliances	4	50
	Electrical measuring instruments	1	
	Electrical products not elsewhere classified	1	
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	2	
	Radios, radio tubes, and phonographs	1	
	X-ray and therapeutic apparatus and electronic tubes	1	
17	Blowers; exhaust and ventilating fans	2	
	Commercial laundry, dry-cleaning, and pressing machinery	3	
	Construction and similar machinery (except mining and oil-field machinery and tools)	3	416
	Machine tools	1	
	Printing-trades machinery and equipment	1	
	Pumping equipment and air compressors	3	102
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	3	503
	Stokers, mechanical, domestic and industrial	3	133
	Woodworking machinery	2	
19	Aircraft and parts, including aircraft engines	1	
20	Brooms	2	
	Brushes	2	
	Games and toys (except dolls and children's vehicles)	3	57
	Hand stamps, stencils, and brands	2	
	Miscellaneous fabricated products not elsewhere classified	3	76

See footnote at end of table.

TABLE 12. INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE CHICAGO AND INDIANAPOLIS INDUSTRIAL AREAS, AND FOR EVANSVILLE, INDIANAPOLIS, AND SOUTH BEND: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	INDIANAPOLIS INDUSTRIAL AREA—Continued		
20	Musical instruments, parts, and materials not elsewhere classified	1	
	Ophthalmic goods, lenses and fittings	2	
	Photographic apparatus and materials and projection equipment (except lenses)	1	
	Surgical and medical instruments	1	
	CITY OF EVANSVILLE		
1	Candy and other confectionery products	2	
	Condensed and evaporated milk	1	
	Creamery butter	3	65
	Flour and other grain-mill products	5	193
	Food preparations, not elsewhere classified	1	
	Malt liquors	3	628
	Meat packing, wholesale	3	391
	Pickled fruits and vegetables and vegetable sauces and seasonings	1	
	Poultry dressing and packing, wholesale	2	
	Prepared feeds (including mineral) for animals and fowls	2	
	Salad dressings	1	
	Sausages, prepared meats, and other meat products not made in meat-packing establishments	1	
	Vinegar and cider	1	
4	Canvas products (except bags)	2	
	House dresses, uniforms, and aprons made in inside factories or by jobbers engaging contractors	1	
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	1	
5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	2	
6	Baskets for fruits and vegetables	1	
	Caskets, coffins, burial cases, and other morticians' goods	2	
	Cigar boxes: wooden, part wooden	2	
	Cooperage	2	
	Mattresses and bedsprings	2	
	Office furniture	2	
	Upholstered household furniture	4	188
	Wooden boxes except cigar boxes	1	
7	Paper and paperboard mills	1	
	Paperboard containers and boxes not elsewhere classified	2	
8	Engraving (steel, copperplate, and wood); plate printing	1	
	Gravure, rotogravure, and rotary photogravure (including preparation of plates)	1	
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	2	
	Machine and hand typesetting (including advertisement typesetting)	1	
	Newspapers: publishing and printing	2	
	Periodicals: publishing and printing	1	
9	Compressed and liquefied gases not made in petroleum refineries or in natural-gasoline plants	1	
	Fertilizers	1	
	Paints, varnishes, and lacquers	3	43
	Perfumes, cosmetics, and other toilet preparations	1	
11	Rubber products not elsewhere classified	1	
12	Leather goods not elsewhere classified	1	
	Saddlery, harness, and whips	1	
13	Concrete products	5	50
	Mirrors and other glass products made of purchased glass	2	
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	1	
	Whiteware	1	
14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	1	
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	2	
	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	3	190
	Gray-iron and semisteel castings	1	
	Hardware not elsewhere classified	1	
	Power boilers and associated products	1	
	Stamped and pressed metal products (except automobile stampings)	4	162
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	2	
	Tools (except edge tools, machine tools, files, and saws)	1	
	CITY OF EVANSVILLE—Continued		
15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	1	
	Nonferrous-metal foundries (except aluminum)	1	
	Nonferrous-metal products not elsewhere classified	1	
	Sheet-metal work not specifically classified	1	
17	Agricultural machinery (except tractors)	2	
	Elevators, escalators, and conveyors	1	
	Machine-shop repairs	1	
	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	2	
	Measuring and dispensing pumps	1	
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	2	
18	Motor vehicles, motor-vehicles bodies, parts and accessories	3	1,566
20	Brooms	2	
	Fabricated plastic products, not elsewhere classified	1	
	Signs, advertising displays, and advertising novelties	2	
	Sporting and athletic goods not elsewhere classified	1	
	CITY OF INDIANAPOLIS		
1	Biscuit, crackers, and pretzels	2	
	Cane-sugar refining	1	
	Canned and dried fruits and vegetables (including canned soups)	2	
	Cheese	2	
	Corn sirup, corn sugar, corn oil, and starch	1	
	Custom slaughtering, wholesale	1	
	Flour and other grain-mill products	5	
	Food preparations, not elsewhere classified	7	29
	Ice, manufactured	14	
	Malt liquors	2	
	Oleomargarine—not made in meat-packing establishments	1	
	Preserves, jams, jellies, and fruit butters	3	
	Salad dressings	1	
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	1	
	Vinegar and cider	1	
3	Cloth sponging and miscellaneous special finishing	1	
	Cotton broad woven goods	1	
	Dyeing and finishing cotton, rayon, silk, and linen textiles	1	
	Hosiery—full-fashioned	3	
4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	1	
	Fur coats and other fur garments, accessories, and trimmings	3	
	House dresses, uniforms, and aprons made in inside factories or by jobbers engaging contractors	1	
	Housefurnishings (except curtains, draperies, and bedspreads)	2	
	Men's and boys' hats and caps (except felt and straw)	2	
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	1	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	1	
	Men's neckwear—made in inside factories or by jobbers engaging contractors	1	
	Millinery	1	
	Miscellaneous fabricated textile products not elsewhere classified	1	
	Textile bags—not made in textile mills	1	
	Trousers (semidress), wash suits, and washable service apparel	1	
	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	1	
	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	1	
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	6	557
	Work gloves and mittens: cloth, cloth and leather combined	2	
6	Cooperage	1	
	Excelsior	1	
	Laboratory, hospital, and other professional furniture	4	
	Office furniture	1	
	Public-building furniture	1	
	Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets	1	
	Upholstered household furniture	3	199
	Venetian blinds	2	
	Wooden boxes except cigar boxes	3	51

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE CHICAGO AND INDIANAPOLIS INDUSTRIAL AREAS, AND FOR EVANSVILLE, INDIANAPOLIS, AND SOUTH BEND: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	CITY OF INDIANAPOLIS—Continued		
6	Wood preserving	1	
	Wood products not elsewhere classified	1	
7	Coated and glazed paper	1	
	Converted paper products not elsewhere classified	3	
	Envelopes	3	143
	Paper and paperboard mills	1	
	Paper bags, except those made in paper mills	1	
8	Books: printing without publishing	6	40
	Books: publishing and printing	2	
	Electrotyping and stereotyping, not done in printing establishments	2	
	Greeting cards (except hand-painted)	1	
	Periodicals: publishing and printing	3	40
9	Cleaning and polishing preparations, blackings, and dressings	7	216
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	5	
	Drugs and medicines (including drug grinding)	10	1,044
	Fertilizers	3	
	Grease and tallow (except lubricating greases)	2	
	Lubricating oils and greases—not made in petroleum refineries	3	
	Mucilage, paste, and other adhesives, except glue and rubber cement	1	
	Perfumes, cosmetics, and other toilet preparations	5	64
	Printing ink	2	
	Soap and glycerin	2	
10	Oven coke and coke-oven byproducts	1	
	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	1	
11	Rubber products not elsewhere classified	3	430
	Tires and inner tubes	1	
12	Boot and shoe cut stock and findings	1	
	Leather goods not elsewhere classified	1	
	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	1	
	Suitcases, brief cases, bags, trunks, and other luggage	2	
13	Concrete products	15	106
	Flat glass	1	
	Glass containers	1	
	Mirrors and other glass products made of purchased glass	3	37
	Porcelain electrical supplies	1	
14	Automobile stampings	2	
	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	1	
	Doors, window sash, frames, molding, and trim (made of metal)	1	
	Forgings, iron and steel—made in plants not operated in connection with rolling mills	1	
	Malleable-iron castings	1	
	Power boilers and associated products	2	
	Saws	1	
	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	1	
	Stamped and pressed metal products (except automobile stampings)	5	262
	Steam fittings, regardless of material	1	
	Tin cans and other tinware not elsewhere classified	2	
	Tools (except edge tools, machine tools, files, and saws)	2	
15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	1	
	Engraving on metal (except for printing purposes)	1	
	Lighting fixtures	2	
	Nonferrous-metal foundries (except aluminum)	3	45
	Nonferrous-metal products not elsewhere classified	4	206
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	1	
16	Automotive electrical equipment	1	
	Batteries, storage and primary (dry and wet)	3	
	Communication equipment	2	
	Electrical appliances	4	50
	Electrical products not elsewhere classified	1	
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	2	
	Radios, radio tubes, and phonographs	1	
	X-ray and therapeutic apparatus and electronic tubes	1	
17	Blowers; exhaust and ventilating fans	2	
	Commercial laundry, dry-cleaning, and pressing machinery	3	
	Construction and similar machinery (except mining and oil-field machinery and tools)	3	416
	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	8	
	CITY OF INDIANAPOLIS—Continued		
17	Machine tools	1	
	Printing-trades machinery and equipment	1	
	Pumping equipment and air compressors	3	102
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	3	503
	Stokers, mechanical, domestic and industrial	3	133
	Woodworking machinery	2	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	14	2,483
20	Brooms	2	
	Brushes	2	
	Games and toys (except dolls and children's vehicles)	2	
	Hand stamps, stencils, and brands	2	
	Miscellaneous fabricated products not elsewhere classified	3	76
	Musical instruments, parts, and materials not elsewhere classified	1	
	Ophthalmic goods: lenses and fittings	2	
	Photographic apparatus and materials and projection equipment (except lenses)	1	
	Signs, advertising displays, and advertising novelties	10	
	Surgical and medical instruments	1	
	CITY OF SOUTH BEND		
1	Candy and other confectionery products	1	
	Condensed and evaporated milk	1	
	Creamery butter	1	
	Ice cream and ices	2	
	Ice, manufactured	2	
	Malt liquors	2	
	Poultry dressing and packing, wholesale	2	
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	1	
2	Tobacco (chewing and smoking) and snuff	1	
3	Cotton narrow fabrics	1	
	Knitted underwear	1	
4	Canvas products (except bags)	1	
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	1	
	Trousers (semidress), wash suits, and washable service apparel	1	
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	1	
5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	1	
6	Household furniture, except upholstered	1	
	Mattresses and bedsprings	2	
7	Converted paper products not elsewhere classified	1	
	Paper and paperboard mills	1	
	Paperboard containers and boxes not elsewhere classified	4	190
	Wallpaper	1	
8	Bookbinding and related industries	1	
	Books: printing without publishing	2	
	Electrotyping and stereotyping, not done in printing establishments	1	
	Engraving (steel, copperplate, and wood); plate printing	1	
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	1	
	Newspapers: publishing and printing	6	121
	Periodicals: publishing and printing	1	
9	Drugs and medicines (including drug grinding)	2	
	Paints, varnishes, and lacquers	1	
	Perfumes, cosmetics, and other toilet preparations	1	
10	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	2	
13	Concrete products	3	11
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	1	
14	Gray-iron and semisteel castings	2	
	Screw-machine products and wood screws	2	
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	1	
	Tools (except edge tools, machine tools, files, and saws)	1	
	Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills	1	
15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	1	

See footnote at end of table

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE CHICAGO AND INDIANAPOLIS INDUSTRIAL AREAS, AND FOR EVANSVILLE, INDIANAPOLIS, AND SOUTH BEND: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	CITY OF SOUTH BEND—Continued		
15	Electroplating, plating, and polishing	1	
	Lighting fixtures	1	
	Nonferrous-metal foundries (except aluminum)	1	
	Sheet metal work not specifically classified	2	
16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	1	
	Radios, radio tubes, and phonographs	1	
	Wiring devices and supplies	1	
17	Agricultural machinery (except tractors)	1	
	Construction and mining machinery (except mining and oil-field machinery and tools)	1	
	Food products machinery	1	
17	Industrial machinery, not elsewhere classified	1	
	Laundry equipment, domestic	1	
	Machine-shop products, not elsewhere classified	2	
	Machine-shop repairs	2	
	Machine tools	1	
	Mechanical power-transmission equipment	1	
	Paper-mill, pulp-mill, and paper-products machinery	1	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	3	9,253
20	Games and toys (except dolls and children's vehicles)	1	
	Jewelry cases and instrument cases	1	
	Sporting and athletic goods not elsewhere classified	1	

For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and of industry groups, sec. 27.

TABLE 13.—INDUSTRIES BY INDUSTRY GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS FOR FORT WAYNE AND GARY, INDIANA: 1939

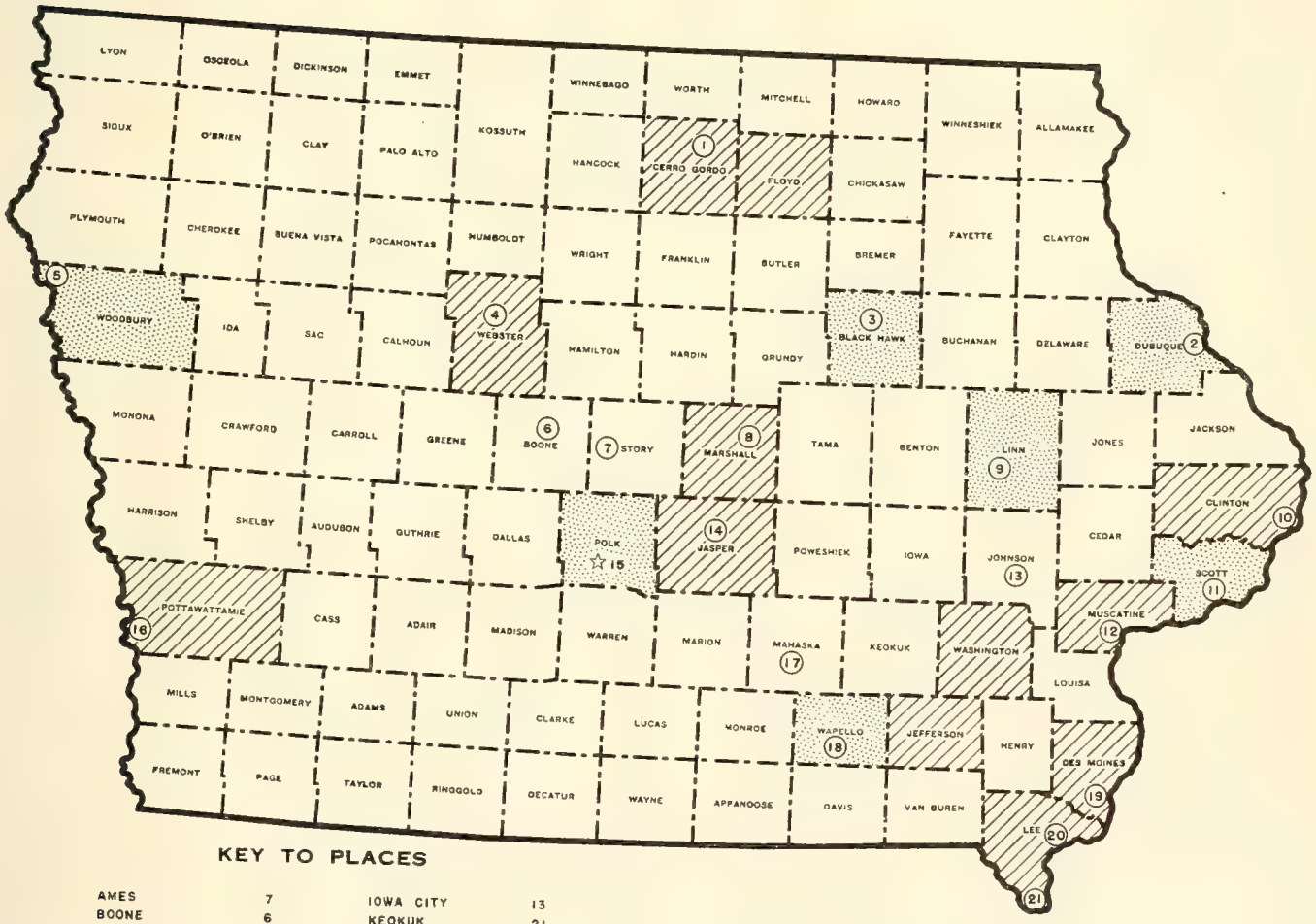
[In order to avoid disclosing data for individual establishments, wage-earner figures for industries represented by fewer than 3 establishments are withheld]

Group No.[1]	TITLE	Number of establishments	Wage earners
	CITY OF FORT WAYNE		
1	Biscuit, crackers, and pretzels	2	
	Bread and other bakery products (except biscuit, crackers, and pretzels)	19	238
	Candy and other confectionery products	1	
	Canned and dried fruits and vegetables (including canned soups)	1	
	Creamery butter	4	60
	Flour and other grain-mill products	1	
	Food preparations, not elsewhere classified	1	
	Ice cream and ices	3	21
	Ice, manufactured	3	13
	Malt liquors	3	451
	Meat packing, wholesale	2	
	Nonalcoholic beverages	5	46
	Poultry dressing and packing, wholesale	1	
	Prepared feeds (including mineral) for animals and fowls	1	
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	2	
2	Cigars	2	
	Tobacco (chewing and smoking) and snuff	1	
3	Hosiery—full-fashioned	2	
4	Canvas products (except bags)	2	
	Fur coats and other fur garments, accessories, and trimmings	1	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	1	
	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	1	
	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	1	
	Work gloves and mittens: cloth, cloth and leather combined	1	
5	Planing mills not operated in conjunction with sawmills	5	60
6	Mattresses and bedsprings	1	
	Public-building furniture	1	
	Wood products not elsewhere classified	1	
7	Die-cut paper and paperboard, and converted cardboard	1	
	Fiber cans, tubes, and similar products	1	
	Paperboard containers and boxes not elsewhere classified	2	
8	Bookbinding and related industries	1	
	Books: printing without publishing	3	20
	General commercial (job) printing	14	163
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	3	9
	Machine and hand typesetting (including advertisement typesetting)	2	
	Newspapers: publishing and printing	2	
	Photoengraving, not done in printing establishments (including preparation of plates)	3	32
9	Drugs and medicines (including drug grinding)	3	26
	Fertilizers	1	
	Insecticides, fungicides, and related industrial and household chemical compounds	1	
	Paints, varnishes, and lacquers	1	
	Perfumes, cosmetics, and other toilet preparations	1	
12	Industrial leather belting and packing leather	1	
	Leather goods not elsewhere classified	1	
	Saddlery, harness, and whips	1	
13	Concrete products	3	34
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	2	
14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	1	
	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	1	
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	1	
	Gray-iron and semisteel castings	2	
	Oil burners, domestic and industrial	1	
	Steam fittings, regardless of material	1	
	Steel works and rolling mills	1	
	Wire drawn from purchased rods	1	
15	Electroplating, plating, and polishing	3	22
	Nonferrous-metal foundries (except aluminum)	1	
16	Communication equipment	1	
	Electrical appliances	1	
	CITY OF FORT WAYNE—Continued		
16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	1	
	Radios, radio tubes, and phonographs	2	
17	Food-products machinery	1	
	Industrial machinery, not elsewhere classified	2	
	Laundry equipment, domestic	1	
	Machine-shop products, not elsewhere classified	4	19
	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	4	66
	Machine tools	1	
	Measuring and dispensing pumps	3	1,079
	Mining machinery and equipment	1	
	Pumping equipment and air compressors	1	
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	1	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	1	
19	Shipbuilding and ship repairing	1	
20	Fabricated plastic products, not elsewhere classified	1	
	Miscellaneous fabricated products not elsewhere classified	1	
	Models and patterns (except paper patterns)	1	
	Organs	1	
	Signs, advertising displays, and advertising novelties	2	
	CITY OF GARY		
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	12	144
	Condensed and evaporated milk	2	
	Food preparations, not elsewhere classified	1	
	Ice cream and ices	3	12
	Ice, manufactured	2	
	Nonalcoholic beverages	5	27
	Pickled fruits and vegetables and vegetable sauces and seasonings	1	
	Poultry dressing and packing, wholesale	1	
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	4	76
3	Hosiery—seamless	1	
	Silk yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	1	
4	Trousers (semidress), wash suits, and washable service apparel	1	
6	Cooperage	1	
	Mattresses and bedsprings	1	
7	Paperboard containers and boxes not elsewhere classified	1	
8	General commercial (job) printing	5	8
	Newspapers: publishing and printing	3	57
9	Cleaning and polishing preparations, blackings, and dressings	1	
	Insecticides, fungicides, and related industrial and household chemical compounds	1	
	Paints, varnishes, and lacquers	1	
10	Oven coke and coke-oven byproducts	1	
	Petroleum refining	1	
13	Cement	1	
	Concrete products	2	
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	2	
14	Blast-furnace products	1	
	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	1	
	Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills	1	
	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	1	
	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	1	
	Steel works and rolling mills	2	
15	Sheet-metal work not specifically classified	1	
16	Wiring devices and supplies	1	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	1	

[1] For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and of industry groups, See 37.

IOWA

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939



KEY TO PLACES

AMES	7	IOWA CITY	13
BOONE	6	KEOKUK	21
BURLINGTON	19	MARSHALLTOWN	8
CEDAR RAPIDS	9	MASON CITY	1
CLINTON	10	MUSCATINE	12
COUNCIL BLUFFS	16	NEWTON	14
DAVENPORT	11	OSKALOOSA	17
DES MOINES	15	OTTUMWA	18
DUBUQUE	2	SIOUX CITY	5
FORT DODGE	4	WATERLOO	3
FORT MADISON	20		

UNDER 500 WAGE EARNERS

500 TO 2,499 WAGE EARNERS

2,500 OR MORE WAGE EARNERS

○ PLACES OF 10,000 TO 99,999 POPULATION

☆ PLACES OF 100,000 OR MORE POPULATION

Prepared by the Bureau of the Census, Department of Commerce

475614—42——22

IOWA

Table 1.—SUMMARY FOR THE STATE: 1939, 1937, AND 1929

Census year	Number of establishments	Proprietors and firm members	Number of persons employed in manufacturing [1]	Salaries and wages [1]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2]	Value of products [2]	Value added by manufacture [3]
1939	2,670	2,036	76,815	$96,998,205	$473,736,522	$718,531,801	$244,795,279
1937	2,454	1,532	81,764	101,683,609	473,394,825	709,458,428	236,063,603
1929	3,178	1,895	85,101	117,511,360	559,198,886	858,429,423	299,230,537

[1] Figure for 1939 does not include data for employees of manufacturing establishments (except salaried officers of corporations) who were engaged in distribution, construction, and other nonmanufacturing work. For detail, see table 8. It is not known to what extent data for such nonmanufacturing employees were included in figures reported for earlier years. See General Explanations—Persons engaged—general classification.

[2] The aggregates for cost of materials, etc., and value of products include large amounts of duplication due to the use of the products of some industries as materials by others. See General Explanations—Duplication in cost of materials and value of products.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See General Explanations—Value added by manufacture.

Table 2.—SUMMARY FOR COUNTIES AND PLACES: 1939

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
The State	2,538,268	[5] 2,670	65,314	$73,466,119	$473,736,522	$718,531,801	$244,795,279
COUNTIES [5]							
Adair [6]	13,196	4	14				
Adams [6]	10,156	4	11				
Allamakee	17,184	19	42	38,729	763,314	867,527	104,213
Appanoose	24,245	17	158	121,027	1,212,281	1,666,871	454,590
Audubon	11,790	13	154	126,598	1,152,914	1,431,405	278,491
Benton	22,879	15	209	132,105	943,194	1,277,007	333,813
Black Hawk	79,946	102	8,086	10,715,352	64,243,758	104,124,437	39,880,679
Boone	29,782	18	175	178,845	1,004,344	1,593,765	589,421
Bremer	17,932	43	231	203,777	2,500,381	3,286,928	786,547
Buchanan	20,991	18	153	117,368	1,672,150	1,939,810	267,660
Buena Vista	19,838	25	343	293,585	4,195,655	4,888,515	692,860
Butler	17,986	18	49	38,979	833,432	1,005,463	172,031
Calhoun	17,584	21	84	63,383	628,201	804,178	175,977
Carroll	22,770	22	211	152,908	1,781,174	2,274,991	493,817
Cass	18,647	18	144	100,346	821,294	1,396,895	575,601
Cedar	16,884	13	28	30,965	752,735	848,834	96,099
Cerro Gordo	43,845	55	2,153	2,785,183	23,805,144	32,620,307	8,815,163
Cherokee	19,258	11	66	53,976	555,933	742,868	186,935
Chickasaw	15,227	17	60	56,209	1,042,202	1,204,673	162,471
Clarke	10,233	4	34	15,667	263,103	325,484	62,381
Clay	17,762	18	102	88,705	451,933	815,041	363,108
Clayton	24,334	36	171	131,623	2,015,114	2,412,332	397,218
Clinton	44,722	56	2,479	2,633,257	12,174,955	20,529,479	8,354,524
Crawford	20,538	8	23	22,767	99,398	200,669	101,271
Dallas	24,649	19	282	238,101	2,216,369	2,919,275	702,906
Davis [6]	11,136	2					
Decatur	14,012	10	48	32,907	446,644	577,931	131,287
Delaware	18,487	18	63	56,566	1,208,238	1,373,963	165,725
Des Moines	36,804	70	2,400	2,190,074	6,740,815	12,527,340	5,786,525
Dickinson	12,185	7	20	17,472	174,082	329,486	155,404
Dubuque	63,768	92	4,537	4,724,406	15,220,130	26,175,572	10,955,442
Emmet [6]	13,406	16	124				
Fayette	29,151	38	171	148,645	2,208,313	2,963,998	755,685
Floyd [6]	20,169	24	1,072				
Franklin	16,379	19	115	120,837	841,675	1,209,345	367,670
Fremont	14,645	7	21	18,416	32,729	111,473	78,744
Greene	16,599	9	59	56,991	228,369	406,987	178,618
Grundy	13,518	16	129	76,914	918,493	1,152,022	233,529
Guthrie	17,210	11	43	25,294	448,165	532,736	84,571
Hamilton	19,922	19	328	290,103	2,632,290	3,466,376	834,086
Hancock	15,402	13	44	44,869	765,707	910,084	144,377
Hardin	22,530	25	105	92,462	1,834,266	2,198,757	364,491
Harrison [6]	22,767	7	16				
Henry	17,994	11	90	55,658	229,807	412,736	182,929
Howard	13,531	16	34	32,997	694,295	822,465	128,170
Humboldt	13,459	13	59	54,996	720,045	1,054,888	334,843
Ida	11,047	9	56	55,329	390,513	535,795	145,282
Iowa	17,016	18	190	147,535	1,071,926	1,391,183	319,257
Jackson	19,181	22	67	66,548	947,974	1,137,475	189,501
Jasper [6]	31,496	24	1,575				
Jefferson	15,762	19	604	579,037	1,561,877	3,332,857	1,770,980
Johnson	33,191	24	168	205,706	962,183	1,727,124	764,941
Jones	19,950	23	378	251,077	1,994,981	2,694,397	699,416
Keokuk	18,406	8	105	97,115	144,409	406,838	262,429
Kossuth	26,630	22	85	80,820	1,131,799	1,360,921	229,122

See footnotes at end of table.

TABLE 2.—SUMMARY FOR COUNTIES AND PLACES: 1939—Continued

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
COUNTIES [5]—continued							
Lee	41,074	59	2,492	$2,815,310	$11,116,539	$22,799,599	$11,683,060
Linn	89,142	147	5,246	6,763,237	51,518,473	80,314,261	28,795,788
Louisa	11,384	11	90	59,267	150,531	300,143	149,612
Lucas	14,571	6	43	31,310	363,245	480,062	116,817
Lyon	15,374	9	38	28,098	297,213	433,076	135,863
Madison	14,525	10	30	26,616	330,718	480,930	150,212
Mahaska	26,485	24	380	334,753	1,101,733	1,981,321	879,588
Marion	27,019	17	261	168,344	664,120	1,181,138	517,018
Marshall	35,406	51	1,459	1,540,900	10,415,510	15,684,325	5,268,815
Mills [5]	15,064	7	55				
Mitchell	14,121	17	76	61,152	919,830	1,079,485	159,655
Monona	18,238	9	81	54,303	697,021	882,472	185,451
Monroe	14,553	6	28	20,946	46,795	102,476	55,681
Montgomery	15,697	16	219	181,560	763,610	1,811,270	1,047,660
Muscatine	31,296	57	2,377	1,712,486	5,602,580	10,514,104	4,911,524
O'Brien	19,293	19	99	76,415	1,116,852	1,455,638	338,786
Osceola [6]	10,607	7	52				
Page	24,887	28	195	164,527	1,083,121	1,759,193	676,072
Palo Alto	16,170	13	53	41,526	671,803	819,401	147,598
Plymouth	23,502	14	66	56,066	489,265	702,082	212,817
Pocahontas	16,266	11	68	66,989	792,038	952,749	160,711
Polk	195,835	270	7,109	8,680,836	46,030,572	76,207,567	30,176,995
Pottawattamie	66,756	56	596	562,246	2,785,393	4,736,198	1,950,805
Poweshiek	18,758	11	250	155,046	772,481	1,112,019	339,538
Ringgold [6]	11,137	2					
Sac	17,639	14	72	62,020	474,482	658,867	184,385
Scott	84,748	130	4,616	5,232,598	18,318,479	34,853,913	16,535,434
Shelby	16,720	9	68	44,072	273,322	459,224	185,902
Sioux	27,209	22	117	123,747	1,924,211	2,374,261	450,050
Story	33,434	36	280	238,075	2,593,601	3,371,412	777,811
Tama	22,428	15	241	210,977	1,850,672	2,438,818	588,146
Taylor	14,258	10	48	44,087	507,614	620,450	112,836
Union	16,280	16	102	72,018	924,539	1,221,766	297,227
Van Buren	12,053	4	28	21,375	544,657	636,059	91,402
Wapello [6]	44,280	43	2,983				
Warren	17,695	8	52	44,093	124,678	260,976	136,298
Washington	20,055	17	506	254,477	1,607,146	2,398,587	791,441
Wayne	13,308	8	43	28,606	252,487	366,353	113,866
Webster	41,521	49	1,673	1,894,071	11,479,196	19,271,019	7,791,823
Winnebago	13,972	18	135	99,141	1,100,010	1,288,142	188,132
Winneshiek	22,263	28	172	133,450	1,618,720	2,028,645	409,925
Woodbury	103,627	129	4,533	5,727,954	64,617,461	81,079,868	16,462,407
Worth	11,449	13	25	26,247	509,107	572,326	63,219
Wright	20,038	18	77	59,393	741,542	994,448	252,906
Undistributed [7]		140	5,912	7,685,556	57,866,452	79,857,655	21,991,203
PLACES HAVING 10,000 OR MORE INHABITANTS							
Ames	12,555	14	87	94,715	212,270	508,628	296,358
Boone	12,373	15	160	164,552	971,370	1,522,175	550,805
Burlington [8]	25,832	66	2,390				
Cedar Rapids	62,120	129	5,113	6,655,808	50,358,319	78,794,432	28,436,113
Clinton	26,270	47	2,371	2,539,839	11,889,365	20,024,704	8,135,339
Council Bluffs [8]	41,439	50	563				
Davenport	66,039	117	3,522	3,866,344	16,720,453	28,709,324	11,988,871
Des Moines	159,819	258	6,760	8,333,790	45,225,819	74,027,168	28,801,349
Dubuque	43,892	72	4,411	4,616,787	14,021,021	24,614,914	10,593,893
Fort Dodge	22,904	31	746	837,403	9,086,166	12,181,356	3,095,190
Fort Madison	14,063	16	880	1,063,447	3,038,412	8,728,593	5,690,181
Iowa City	17,182	20	156	192,373	871,543	1,582,636	711,093
Keokuk	15,076	37	1,445	1,513,592	7,244,549	12,516,775	5,272,226
Marshalltown [8]	19,240	48	1,437				
Mason City	27,080	43	1,954	2,549,308	21,878,235	30,085,437	8,207,202
Muscatine	18,286	53	2,359	1,701,234	5,362,120	10,233,058	4,870,938
Newton [8]	10,462	16	1,422				
Oskaloosa [8]	11,024	23	377				
Ottumwa [8]	31,570	41	2,957				
Sioux City [8]	82,364	127	4,485				
Waterloo	51,743	75	7,614	10,212,755	61,873,898	100,043,342	38,169,444

[1] Not including salaried officers and employees nor nonmanufacturing wage earners. The figure for each county or place is an average of the numbers reported for the several months of the year. In calculating it, equal weight must be given to full-time and to part-time wage earners (not reported separately by the manufacturers), and for this reason it exceeds the number that would have been required to perform the work done in the industries if all wage earners had been continuously employed throughout the year. The quotient obtained by dividing the amount of wages by the average number of wage earners cannot, therefore, be accepted as representing the average wage received by full-time wage earners. Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several counties do not add exactly to the average for the State. In making comparisons between the figures for 1939 and those for earlier years, the possibility that the proportion of part-time employment varied from year to year should be taken into account.

[2] Profits and losses cannot be calculated from the census figures because no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, and advertising.

[3] See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

[5] For numbers of establishments by "Industry groups," see table 10.

[6] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Undistributed" figures.

[7] The "Undistributed" figure for number of establishments and a part of the "Undistributed" figure for number of wage earners are included above in the items for the respective counties. The sums of the figures in these two columns are, therefore, larger than the corresponding State totals.

[8] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments.

TABLE 3. PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, BY SEX: 1939 AND 1929

[The 1939 questionnaire, for the first time, called for data on the *total* number of employees in manufacturing establishments, including those engaged wholly or chiefly in distribution, construction, and other nonmanufacturing activities. It is not known to what extent data for such employees were included in the figures reported for earlier years. This table presents detailed figures for employees receiving pay at any time within the *normal* pay-roll period ended nearest Oct. 14, 1939, and for such employees on the pay roll on Dec. 14, 1929, or on the nearest *representative* date. The total for "Wage earners engaged in manufacturing" is not identical with the average for the year (given in other tables), and differs from the number reported for October 1939 or for December 1929, because for both years some manufacturers gave wage-earner figures for months other than those specified. See GENERAL EXPLANATIONS—Persons engaged—general classification]

CLASS AND SEX	1939 (Oct. 14)[1]	1929 (Dec. 14)[1]
All classes, aggregate [2]	94,006	85,384
Male	73,888	68,972
Female	20,118	16,412
Salaried officers and employees, total	23,475	14,454
Male	17,809	9,836
Female	5,666	4,618
Salaried officers of corporations, total	1,388	1,933
Male	1,296	1,846
Female	92	87
All other employees (except wage earners in manufacturing), total	22,087	12,521
Male	16,513	7,990
Female	5,574	4,531
Salaried officers and employees—Continued.		
All other employees, etc.—Continued.		
Engaged in manufacturing:		
Male	7,044	(3)
Female	3,069	
Engaged in distribution:		
Male	8,475	
Female	2,425	
Engaged in construction:		
Male	398	
Engaged in other work:		
Male	596	
Female	80	
Wage earners engaged in manufacturing, total	70,531	70,930
Male	56,079	59,136
Female	14,452	11,794

[1] See headnote.
[2] Figures do not include data for 2,036 proprietors and firm members for 1939, which were not reported by sex, and 1,895 for 1929.
[3] No data.

TABLE 4.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS: 1939, 1937, AND 1929

[The figures for 1939 relate to wage earners engaged in manufacturing only. It is not known to what extent the figures for earlier years include data for nonmanufacturing wage earners. See headnote to table 3]

CENSUS YEAR	Average number employed during year[1]	NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH—											
		January	February	March	April	May	June	July	August	September	October	November	December
1939	65,314	60,401	60,473	61,152	62,410	63,786	64,751	64,818	68,406	69,010	69,423	69,775	69,358
1937	67,878	64,728	64,822	65,898	66,682	68,315	69,107	68,131	74,000	75,798	68,560	65,204	63,292
1929	70,647	66,135	67,110	66,829	68,159	69,391	70,692	72,282	75,131	79,561	73,077	70,104	69,302

[1] See GENERAL EXPLANATIONS—Wage earners and wages.

TABLE 5.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY NUMBER OF WAGE EARNERS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR)[1]		VALUE OF PRODUCTS	VALUE ADDED BY MANUFACTURE[2]
	1939	1929	1939	1929	1939	1939
All establishments	2,670	3,178	65,314	70,647	$718,531,801	$244,795,279
No wage earners	98	110			4,324,579	1,759,935
1 to 5	1,512	1,774	3,887	4,612	56,788,406	16,611,947
6 to 20	576	759	6,248	8,297	63,949,715	22,383,665
21 to 50	243	283	7,940	9,078	59,158,526	23,171,404
51 to 100	121	139	8,352	9,963	64,545,475	25,366,720
101 to 250	84	75	13,036	11,743	100,038,543	44,871,339
251 to 500	19	17	6,678	5,448	57,922,919	23,699,534
501 to 1,000	12	12	8,910	8,706	144,522,194	38,838,260
1,001 to 2,500	3	8	10,263 [3]	12,800	167,281,444	48,091,475
2,501 or more	2	1				

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Combined to avoid disclosing data for individual establishments.

TABLE 6.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY VALUE OF PRODUCTS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
All establishments	2,670	3,178	65,314	70,647	$718,531,801	$858,429,423	$244,795,279	$299,230,537
$5,000 to $19,999	947	1,137	2,379	2,666	10,423,359	12,955,318	5,971,373	8,044,622
$20,000 to $49,999	563	657	2,996	3,701	18,496,629	21,171,181	8,487,202	11,738,156
$50,000 to $99,999	415	470	3,869	4,809	29,317,846	33,636,876	11,539,634	14,303,777
$100,000 to $249,999	393	465	7,809	8,397	63,098,474	73,094,300	23,071,824	27,417,145
$250,000 to $499,999	174	237	7,426	8,707	60,034,434	82,597,325	21,533,739	30,826,962
$500,000 to $999,999	92	122	9,097	9,381	64,063,368	84,283,450	27,647,609	34,644,658
$1,000,000 to $2,499,999	55	54	10,145	8,400	88,609,438	84,230,660	41,522,888	40,444,208
$2,500,000 to $4,999,999	13	15	3,434	4,858	46,402,762	51,380,953	14,915,111	21,315,688
$5,000,000 and over	18	21	18,159	19,728	338,085,491	415,079,360	90,105,899	110,495,321

[1] See headnotes to tables 3 and 4.

[2] See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 7.—ESTABLISHMENTS CLASSIFIED AS UNDER CORPORATE OR OTHER FORM OF OWNERSHIP (OR CONTROL) AND AS UNDER CENTRAL-ADMINISTRATIVE-OFFICE OR INDEPENDENT OPERATION: 1939 AND 1929

TYPE OF OWNERSHIP OR CONTROL, AND OF OPERATION	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
Total	2,670	3,178	65,314	70,647	$718,531,801	$858,429,423	$244,795,279	$299,230,537
TYPE OF OPERATION								
1939 [3]								
Corporate ownership or control:								
Central-administrative-office (plural-unit)	429	(3)	32,989	(3)	400,875,389	(3)	124,708,721	(3)
Independent (single-unit)	723	(3)	24,718	(3)	238,103,787	(3)	96,548,026	(3)
Noncorporate ownership:								
Central-administrative-office (plural-unit)	65	(3)	1,179	(3)	11,186,757	(3)	3,281,469	(3)
Independent (single-unit)	1,453	(3)	6,428	(3)	68,365,868	(3)	20,257,063	(3)
1939 AND 1929 [3]								
Central-administrative-office (plural-unit), corporate and noncorporate	494	366	34,168	28,889	412,062,146	442,026,959	127,990,190	126,228,509
Independent (single-unit), corporate and noncorporate	2,176	2,812	31,146	41,758	306,469,655	416,402,464	116,805,089	173,002,028
TYPE OF OWNERSHIP OR CONTROL								
Corporate	1,152	1,498	57,707	62,262	638,979,176	788,972,230	221,256,747	271,964,028
Noncorporate, total	1,518	1,680	7,607	8,385	79,552,625	69,457,193	23,538,532	27,266,509
Individual	889	(4)	3,851	(4)	25,740,114	(4)	10,535,130	(4)
Partnership	407	(4)	3,114	(4)	28,084,521	(4)	10,626,444	(4)
Cooperative	220	(5)	642		25,727,990		2,376,958	
Other	2							

[1] See headnotes to tables 3 and 4.

[2] See GENERAL EXPLANATIONS—Value added by manufacture.

[3] Because of changes in the questionnaire, no comparable figures for 1929 can be given for the first section of this table. For this reason, the items have been regrouped under "1939 and 1929" to present comparable figures so far as this can be done.

[4] No data.

[5] Figures for 1939 combined to avoid disclosing data for individual establishments; no data for 1929.

TABLE 8.—GENERAL STATISTICS FOR

This table presents separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments given, however, reported larger numbers of wage earners or

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
1		All industries, total	2,670	2,036	88,789	1,388	10,113	65,314	10,900	398	676
2	17	Agricultural machinery (except tractors)	21	10	1,006	22	168	790	16	10	
3	16	Batteries, storage and primary (dry and wet)	5	3	536	2	12	498	24		
4	1	Biscuit, crackers, and pretzels	8		1,107	13	77	879	130	6	2
5	8	Book binding and related industries	12	14	211	6	16	141	48		
6	8	Books, printing without publishing	6	3	135	9	23	87	16		
7	8	Books, publishing without printing	5	3	64	5	52		7		
8	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	288	308	3,731	26	240	2,996	388	25	56
9	13	Brick and hollow structural tile	22	12	1,006	23	72	851	57	3	
10	20	Brooms	11	16	85	2	4	75	4		
11	20	Buttons	31	7	1,795	30	90	1,597	78		
12	1	Candy and other confectionery products	13	7	415	9	33	288	83	1	1
13	1	Canned and dried fruits and vegetables (including canned soups)	34	13	1,014	10	78	911	11	2	2
14	4	Canvas products (except bags)	6	5	86	4	15	54	13		
15	19	Cars and car equipment, railroad, street, and rapid transit	5		57		3	54			
16	6	Caskets, coffins, burial cases, and other mortuary goods	17	6	345	22	46	224	53		
17	13	Cement	5		1,332	6	86	1,183	49	8	
18	1	Cereal preparations	7	2	1,343	4	128	1,154	44	7	6
19	1	Cheese	20	17	25	1	5	18	1		
20	9	Chemicals not elsewhere classified	3		381	3	46	325	7		
21	9	Cleaning and polishing preparations, blacking, and dressings	11	2	71	10	12	23	26		
22	9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	5		54		11	31	12		
23	13	Concrete products	43	32	475	33	40	335	63	3	1
24	1	Condensed and evaporated milk	10	5	116		10	99	7		
25	17	Construction and similar machinery (except mining and oil-field machinery and tools)	9	2	867	16	112	662	77		
26	6	Cooperage	11	7	120	2	6	109	3		
27	1	Corn sirup, corn sugar, corn oil, and starch	3		2,086	11	245	1,382	250	41	157
28	1	Creamery butter	452	385	2,577	28	529	1,701	291	18	10
29	9	Drugs and medicines (including drug grinding)	24	7	972	34	62	313	560	2	1
30	16	Electrical products not elsewhere classified	3	4	19		3	12	4		
31	17	Electroplating, plating, and polishing	4	4	51		3	48			
32	17	Elevators, escalators, and conveyors	4		357	9	167	166	13	2	
33	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	13	7	587	13	101	393	79	1	
34	9	Fireworks	3		32	3	8	14	7		
35	1	Flavoring extracts and flavoring sirups, not elsewhere classified	6	3	33	1	4	26	2		
36	1	Flour and other grain mill products	25	23	388	9	52	271	52		4
37	1	Food preparations, not elsewhere classified	13	12	152	2	15	113	21	1	
38	17	Foundry products, machinery	5	1	372	8	94	232	37	1	
39	12	Footwear (except rubber)	4	5	269	6	32	220	11		
40	4	Fur coats and other fur garments, accessories, and trimmings	4	2	60	3	9	45	3		
41	8	General commercial job printing	140	119	1,246	87	198	880	83		
42	16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	9	2	480	11	118	304	36	11	
43	14	Gears and sprocket castings	23	14	814	27	60	711	14	2	
44	9	Greases and tallows (except lubricating greases)	31	22	236	5	23	200	2	6	
45	13	Gypsum products	5		565	5	64	451	7	8	
46	14	Hardware not elsewhere classified	6		613	13	63	504	33		
47	4	House dresses, uniforms, and aprons made in inside factories or by jobbers or outside contractors	3	1	385	2	21	362			
48	6	Household furniture (except upholstered)	6	2	434	7	24	393	10		
49	1	Ice cream and ices	72	60	632	16	83	261	268	1	3
50	1	Ice, manufactured	52	24	665	35	72	250	290	2	36
51	17	Industrial furnaces and ovens, not elsewhere classified	9	9	177	7	22	140	8		
52	9	Insecticides, fungicides, and related industrial and household chemical compounds	4	3	53	8	1	26	14	3	1
53	17	Laundry equipment, domestic	8		2,372	26	279	1,772	267	5	3
54	12	Leather gloves and mittens	4		240	6	21	179	34		
55	15	Lighting fixtures	3	1	52	4	8	36	4		
56	8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	5		121	6	14	80	21		
57	9	Lubricating oils and greases (not made in petroleum refineries)	3	2	12	1	1	8	2		
58	8	Machine and hand typesetting (including advertisement typesetting)	5	4	24	2	2	20			
59	17	Machine shop products, not elsewhere classified	25	19	918	24	131	771	21	1	
60	17	Machine-shop repairs	21	24	96	4	8	82	2		
61	17	Machine tools and other metalworking machinery, accessories, metal-cutting and shaping tools, and machinists' precision tools	4	4	83	4	12	66	1		
62	1	Malt liquors	4		178	9	15	105	48		1
63	6	Mattresses and bedsprings	8	6	43	2	6	32	3		
64	1	Meat packing, wholesale	32	20	15,219	30	1,175	11,027	2,545	160	312
65	4	Men's and boys' suits, coats, and overcoats (except work clothing) made in inside factories or by jobbers engaging contractors	3		290	3	23	256	8		
66	17	Mining machinery and equipment	3	2	103	4	11	87	1		

See footnotes at end of table.

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and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures are larger values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars 114,990,186	*Dollars* 6,580,677	*Dollars* 16,951,509	*Dollars* 73,566,119	*Dollars* 16,680,159	*Dollars* 547,146	*Dollars* 804,676	*Dollars* 473,736,322	*Dollars* 459,732,472	*Dollars* 6,821,085	*Dollars* 5,034,552	*Dollars* 2,145,413	*Dollars* 718,531,801	*Dollars* 244,795,279	1
1,312,281	84,525	280,398	900,523	32,093	14,742	.....	2,214,186	2,154,592	36,122	22,472	.....	5,499,500	3,285,314	2
(5)	(5)	(5)	(5)	(5)	.....	.....	(5)	(5)	(5)	(5)	(5)	(5)	(5)	3
1,212,394	79,135	113,463	740,008	258,656	18,430	2,702	2,718,936	2,643,803	55,485	19,648	.....	5,089,297	2,370,361	4
289,140	20,418	21,498	180,696	66,528	.....	.....	276,300	254,454	3,989	4,944	12,913	793,740	517,440	5
230,774	31,205	41,227	136,593	21,749	.....	.....	183,347	174,981	1,585	5,100	1,681	528,821	345,474	6
70,274	7,188	55,711	.....	7,375	.....	.....	96,423	7,568	359	41	88,455	188,539	92,116	7
4,544,062	166,442	371,749	3,632,700	302,836	24,186	46,149	8,110,110	7,619,668	289,749	200,693	.....	17,326,166	9,216,056	8
1,165,631	94,449	108,263	856,633	103,023	3,263	.....	813,103	221,634	466,064	123,917	1,488	2,891,800	2,078,697	9
71,043	6,000	1,985	59,138	3,920	.....	.....	122,431	119,470	803	2,158	.....	288,605	166,174	10
1,324,390	157,895	130,493	893,006	142,996	.....	.....	1,502,454	1,293,138	26,687	30,926	151,703	3,062,788	1,560,334	11
398,392	21,661	46,775	201,517	126,771	900	768	946,731	908,472	17,080	8,822	12,357	1,573,311	626,580	12
589,367	20,800	84,278	460,155	21,213	1,100	1,521	2,097,624	2,036,430	45,109	16,085	.....	3,179,456	1,081,832	13
80,213	19,208	12,695	30,341	17,969	.....	.....	115,322	113,108	695	1,519	.....	300,236	184,914	14
102,163	.....	5,251	96,912	.....	.....	.....	119,042	116,372	70	2,600	.....	221,596	102,554	15
469,774	80,134	69,892	209,119	110,629	.....	.....	613,988	592,456	9,523	10,440	1,569	1,323,638	709,650	16
2,002,589	74,591	206,512	1,570,807	129,350	21,329	.....	2,537,538	1,254,009	1,130,922	85,824	66,783	8,529,107	5,991,569	17
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	.....	(5)	(5)	18
23,951	3,156	3,343	17,302	150	.....	.....	404,252	393,409	7,493	2,580	770	469,704	65,452	19
605,015	37,000	111,923	439,121	16,971	.....	.....	2,382,908	1,334,461	69,928	978,519	.....	3,918,842	1,535,934	20
129,847	28,124	15,944	24,419	61,760	.....	.....	144,886	141,977	1,625	1,284	.....	447,294	302,408	21
(5)	.....	(5)	(5)	(5)	.....	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	22
535,362	94,045	49,738	317,906	70,174	2,599	900	947,096	910,913	21,173	14,625	385	1,882,530	935,434	23
135,746	.....	17,442	113,496	4,808	.....	.....	1,864,750	1,806,042	42,673	13,383	2,652	2,510,189	645,439	24
1,349,843	112,185	187,786	933,217	116,855	.....	.....	2,849,371	2,790,024	18,055	41,292	.....	6,161,626	3,312,255	25
128,605	10,900	8,159	103,228	6,318	.....	.....	609,949	603,205	3,336	3,408	.....	861,149	251,200	26
3,532,494	103,531	634,762	2,045,378	568,215	36,757	143,851	12,576,520	11,844,949	697,615	33,956	.....	21,668,402	9,091,882	27
2,792,791	66,820	616,740	1,743,654	334,917	18,809	11,851	53,348,381	52,610,576	390,032	337,219	10,554	60,380,974	7,032,593	28
1,148,695	184,107	105,496	301,282	549,517	4,233	4,030	1,582,843	1,549,021	14,844	15,909	3,069	4,266,787	2,683,944	29
10,328	.....	3,121	6,271	936	.....	.....	23,336	22,598	405	333	.....	53,979	30,643	30
56,313	.....	3,092	53,221	.....	.....	.....	43,162	36,296	2,898	3,968	.....	113,925	70,763	31
486,859	28,500	248,798	189,044	18,152	2,365	.....	555,407	532,472	8,634	9,801	4,500	1,547,788	992,381	32
961,444	62,930	192,030	506,529	197,555	2,400	.....	2,531,164	2,494,049	8,360	28,755	.....	4,206,219	1,675,055	33
(5)	(5)	(5)	(5)	(5)	.....	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	34
38,925	6,000	4,360	25,454	3,111	.....	.....	275,070	272,951	1,550	569	.....	447,135	172,065	35
567,438	26,257	83,947	357,817	96,128	.....	3,289	7,821,202	7,708,604	46,163	66,435	.....	10,021,474	2,200,272	36
139,952	6,350	22,510	81,174	28,298	1,620	.....	767,413	757,738	5,809	3,866	.....	1,118,497	351,084	37
(5)	(5)	(5)	(5)	(5)	(5)	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	38
209,926	16,112	41,446	139,609	12,759	.....	.....	453,755	445,875	1,608	6,272	.....	666,405	212,650	39
64,912	3,775	13,781	43,805	3,551	.....	.....	84,666	75,212	916	3,081	5,457	189,616	104,950	40
1,689,520	283,682	284,121	979,839	141,878	.....	.....	1,528,566	1,359,996	20,776	40,656	107,138	4,578,399	3,049,833	41
(5)	(5)	(5)	(5)	(5)	(5)	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	42
1,075,850	76,828	121,862	853,544	21,361	2,255	.....	920,615	788,709	89,640	40,766	1,500	2,554,884	1,654,269	43
265,491	8,195	39,409	201,132	10,200	6,495	.....	695,649	592,343	54,358	40,628	8,320	1,529,318	833,669	44
761,797	11,240	133,900	598,096	11,315	7,046	.....	1,234,973	951,261	138,642	145,070	.....	4,531,370	3,299,397	45
770,010	50,491	93,315	554,357	71,847	.....	.....	664,854	623,049	28,050	13,755	.....	1,775,378	1,110,524	46
(5)	(5)	(5)	(5)	.....	.....	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	47
514,696	39,822	71,891	391,751	11,232	.....	.....	696,223	674,761	6,134	15,098	230	1,330,249	634,026	48
743,082	33,033	128,212	248,984	328,569	1,000	3,284	2,819,024	2,672,019	32,517	114,488	.....	5,256,984	2,437,957	49
848,297	137,100	83,720	293,034	305,446	2,147	26,850	373,407	68,214	42,936	262,257	.....	1,884,603	1,511,196	50
248,744	24,085	52,374	161,316	10,969	.....	.....	284,983	269,486	6,510	8,577	410	836,151	551,168	51
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	.....	(5)	(5)	52
3,634,933	151,706	412,525	2,339,550	718,197	10,615	2,340	9,355,703	9,178,757	61,211	115,735	.....	16,147,237	6,791,534	53
164,474	12,980	17,573	103,740	30,181	.....	.....	174,543	171,157	405	2,981	.....	404,282	229,739	54
(5)	(5)	(5)	(5)	(5)	.....	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	55
195,090	28,300	31,142	95,787	39,861	.....	.....	249,236	163,446	2,978	3,484	79,328	508,139	258,903	56
(5)	(5)	(5)	(5)	(5)	.....	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	57
48,199	5,850	3,258	39,091	.....	.....	.....	8,607	6,427	986	1,144	50	92,897	84,290	58
1,247,582	139,433	213,209	867,258	26,882	800	.....	1,702,550	1,626,856	44,878	30,570	226	3,842,501	2,139,951	59
118,645	8,687	8,015	100,178	1,765	.....	.....	86,589	78,692	2,333	5,564	.....	329,346	242,757	60
135,502	11,205	19,880	102,599	1,818	.....	.....	93,777	89,733	657	3,387	.....	304,135	210,358	61
319,670	44,478	38,273	158,244	76,012	.....	2,663	400,263	366,363	22,167	11,733	.....	1,279,377	879,114	62
55,424	6,400	9,310	33,198	6,516	.....	.....	126,869	122,777	1,507	2,585	.....	256,461	129,592	63
22,333,551	315,919	2,452,928	14,642,221	4,207,952	252,079	462,452	218,165,100	216,721,702	946,220	463,712	33,466	257,314,633	39,149,533	64
(5)	(5)	(5)	(5)	(5)	.....	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	65
(5)	(5)	(5)	(5)	(5)	.....	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	66

TABLE 8.—GENERAL STATISTICS FOR

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
1	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	7	8	65	3	9	43	10	.....	.....
2	18	Motor vehicles, motor-vehicle bodies, parts and accessories	9	4	151	7	13	126	5	.....	.....
3	8	Newspapers, publishing and printing	287	325	4,304	113	1,270	2,183	736	2	.....
4	8	Newspapers, publishing without printing	3	3	2		2	....	.....	.....	.....
5	1	Nonalcoholic beverages	89	102	911	35	110	320	436	2	[illegible]
6	15	Nonferrous-metal foundries (except aluminum)	5	3	126	3	12	108	3	...	.....
7	14	Oil burners, domestic and industrial	4		119	6	35	72	6	.....	.....
8	9	Paints, varnishes, and lacquers	8	3	76	6	12	35	19		4
9	7	Paperboard containers and boxes not elsewhere classified	12	5	336	18	28	268	22	.	..
10	6	Partitions, shelving, cabinet work, and office and store fixtures	6	3	189	8	15	160	6	...	.....
11	9	Perfumes, cosmetics, and other toilet preparations	4	[illegible]	393	9	62	167	155	....	..
12	8	Periodicals, publishing and printing	21	17	1,071	17	389	576	89	...	...
13	8	Periodicals: publishing without printing	17	4	352	14	107	..	231	.....	.....
14	8	Photoengraving, not done in printing establishments (including preparation of plates)	9	6	77	10	10	44	13	.....	.....
15	1	Pickled fruits and vegetables and vegetable sauces and seasonings	6	1	343	2	21	320	.....	.....	.....
16	5	Planing mills not operated in conjunction with sawmills	39	13	4,487	51	390	3,681	346	8	11
17	1	Poultry dressing and packing, wholesale	90	39	3,099	18	264	2,773	34	6	4
18	14	Power boilers and associated products	5		283	13	31	225	13		1
19	1	Prepared feeds (including mineral) for animals and fowls	77	61	1,219	32	90	433	645	10	9
20	17	Pumping equipment and air compressors	10	5	1,833	14	271	1,425	109	14	.....
21	11	Rubber products not elsewhere classified	3		404	3	27	370	4	...	.
22	12	Saddlery, harness, and whips	6	[illegible]	103	9	10	76	8	.....	.....
23	1	Salad dressings	3	6	40		3	34	3	...	.....
24	1	Sausages, prepared meats, and other meat products not made in meat-packing establishments	14	18	104	4	4	66	29	...	1
25	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	9	9	56	..	3	51	2	...	...
26	13	Sewer pipe and kindred products	3		292	8	10	258	16	...	...
27	15	Sheet-metal work not specifically classified	26	12	594	26	68	452	43	5	.....
28	20	Signs, advertising displays, and advertising novelties	24	20	500	9	50	346	92	..	3
29	9	Soap and glycerin	3		209	5	23	146	35		.
30	9	Soybean oil, cake, and meal	6	4	191	4	23	128	28	7	1
31	14	Stamped and pressed metal products (except automobile stampings)	6	1	286	8	31	240	6	1	...
32	14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	8	2	737	13	46	534	144	.	...
33	20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	3	3	5	.	1	4	...	...	..
34	2	Tobacco (chewing and smoking) and snuff	5	5	13	1	2	9	1		..
35	14	Tools (except edge tools, machine tools, files, and saws)	9	7	221	7	19	192	2	1	
36	19	Transportation equipment not elsewhere classified	5	7	46	1	4	30	11		.
37	6	Upholstered household furniture	7	5	437	7	18	384	28		..
38	14	Wirework not elsewhere classified	7	2	286	7	28	241	8	2	
39	6	Wooden boxes except cigar boxes	4	8	78	1	3	67	3	1	3
40	6	Wood products not elsewhere classified	3		38	5	5	25	3	...	
41	17	Woodworking machinery	3	3	25	3	4	18		...	
42	3	Woolen and worsted manufactures: regular factories or jobbers engaging contractors	3		241	2	11	220	8	.	.
43	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	14	6	986	17	68	826	72	3	.
44	4	Work gloves and mittens: cloth, cloth and leather combined	8	1	536	6	25	472	33	..	.
45		Other industries [6]	234	104	18,165	221	2,020	14,181	1,669	29	45
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]									
46	1	Food and kindred products	21	9	1,980	6	178	1,713	57	7	19
47	3	Textile-mill products and other fiber manufactures	7	4	1,194	6	96	1,026	66	.....	.
48	4	Apparel and other finished products made from fabrics and similar materials	19	9	1,649	15	103	1,426	98	2	5
49	6	Furniture and finished lumber products	14	12	761	14	106	605	30	3	3
50	7	Paper and allied products	7	..	420	6	35	360	19	.....	.
51	9	Chemicals and allied products	21	6	451	17	49	308	73	3	1
52	13	Stone, clay, and glass products	7	5	227	3	23	185	14		2
53	14	Iron and steel and their products, except machinery	20	5	1,040	24	139	788	87	.	2
54	15	Nonferrous metals and their products	8	6	87	5	8	66	8	.	...
55	16	Electrical machinery	18	6	1,173	22	167	886	87	11	
56	17	Machinery (except electrical)	29	6	6,221	51	842	5,059	253	3	13
57	19	Transportation equipment except automobiles	8	9	345	6	25	280	34		.....
58	20	Miscellaneous industries	16	7	1,634	24	98	922	590	.	.....
59	5	Lumber and timber basic products	9	9	56	..	3	51	2	.....	.....
	8	Printing, publishing, and allied industries	23	6	460	16	119	79	246	...	.....
	11	Rubber products	3	.....	404	3	27	370	4	...	.....
	2	Tobacco manufactures	2	5	62	3	2	56	1	...	.....
	12	Leather and leather products	2								

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.

[2] Figures do not include data for personnel of central-administrative offices.

[3] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

THE STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
77,846	8,228	11,459	46,036	12,123	----	----	87,321	72,232	890	7,934	6,265	237,691	150,370	1
168,708	26,786	18,509	111,906	11,507	----	----	347,188	339,538	2,514	5,136	----	627,782	280,594	2
6,882,126	651,761	2,205,425	3,046,489	975,071	3,380	----	3,758,703	3,305,670	78,404	168,999	205,630	17,130,443	13,371,740	3
2,162	----	2,162	----	----	----	----	9,968	2,361	----	25	7,582	20,290	10,322	4
1,144,447	113,604	150,505	277,041	595,806	1,760	5,731	2,261,492	2,183,432	33,240	44,820	----	5,533,605	3,272,113	5
122,253	15,756	22,978	80,688	2,831	----	----	235,576	219,168	10,140	6,268	----	475,756	240,180	6
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	7
97,399	13,599	15,116	37,052	30,968	----	664	469,348	463,994	1,459	3,895	----	698,957	229,609	8
368,957	80,679	38,262	210,394	36,772	2,850	----	991,941	970,085	9,881	10,144	1,831	1,682,902	690,961	9
249,197	21,400	28,286	187,348	12,163	----	----	292,926	285,069	3,537	4,320	----	794,312	501,386	10
620,799	138,712	95,659	189,264	189,827	----	7,337	1,196,895	1,183,432	5,217	8,246	----	2,372,367	1,175,472	11
1,851,940	161,875	517,354	813,213	359,498	----	----	1,726,293	1,494,222	25,032	31,651	175,388	6,252,957	4,526,664	12
(5)	(5)	(5)	----	(5)	----	----	(5)	(5)	----	(5)	(5)	(5)	(5)	13
162,731	26,400	12,222	100,926	23,183	----	----	39,211	34,642	1,560	2,904	105	304,376	265,165	14
(5)	(5)	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	15
5,569,644	203,940	737,251	4,071,151	536,283	9,513	11,506	9,814,131	9,722,229	42,104	42,930	6,868	18,080,414	8,266,283	16
2,123,286	53,706	366,382	1,652,537	44,194	5,891	576	19,821,628	19,641,579	56,529	123,520	----	23,879,337	4,057,709	17
351,705	51,859	43,808	231,603	24,193	----	242	516,156	490,407	10,391	15,358	----	1,065,426	549,270	18
1,310,203	154,157	150,845	433,538	543,236	19,338	9,089	5,711,404	5,575,553	33,906	101,945	----	9,042,560	3,331,156	19
2,581,497	113,621	467,256	1,743,684	248,236	8,700	----	2,409,473	2,221,483	86,250	101,695	45	6,953,142	4,543,669	20
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	21
120,225	17,278	13,619	77,596	11,732	----	----	239,105	233,224	3,325	2,556	----	392,893	153,788	22
(5)	----	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	23
128,179	16,120	8,030	72,092	31,701	----	236	666,755	649,995	6,915	9,845	----	957,896	291,141	24
(5)	----	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	25
371,988	41,995	24,343	267,531	38,119	----	----	240,968	70,097	167,433	3,438	----	803,349	562,381	26
705,312	85,082	104,376	438,248	74,096	3,510	----	1,409,979	1,376,430	14,411	14,061	5,077	2,798,446	1,388,467	27
581,156	74,034	67,760	313,669	121,730	----	3,963	913,228	887,448	9,061	10,620	6,099	2,142,154	1,228,926	28
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	29
206,662	11,550	41,361	110,926	33,103	8,500	1,222	3,438,218	3,310,084	44,852	83,282	----	4,246,369	808,151	30
333,334	33,785	42,425	241,995	13,629	1,500	----	759,009	733,818	5,814	10,455	8,922	1,419,653	660,644	31
1,034,393	137,471	89,285	574,642	232,995	----	----	1,267,749	1,233,078	20,111	14,560	----	3,230,248	1,962,499	32
7,878	----	2,346	5,532	----	----	----	5,937	5,739	51	147	----	27,596	21,659	33
9,642	3,000	1,030	4,545	1,067	----	----	42,558	41,900	473	185	----	59,384	16,826	34
256,638	29,900	33,514	190,572	2,320	332	----	336,502	319,046	8,038	9,418	----	944,353	607,851	35
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	36
497,605	46,588	38,967	359,463	52,587	----	----	1,156,077	1,143,487	3,159	9,431	----	2,048,271	892,194	37
327,260	35,097	44,045	240,773	5,220	2,125	----	900,115	879,549	7,357	13,209	----	1,516,437	616,322	38
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	39
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	40
37,170	16,884	4,116	16,170	----	----	----	49,752	48,053	628	1,071	----	122,917	73,165	41
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	42
709,087	60,678	77,895	485,091	82,318	3,105	----	1,637,796	1,598,660	5,296	12,290	21,550	2,549,179	911,383	43
413,593	17,929	31,165	316,347	48,152	----	----	750,515	740,139	2,962	7,414	----	1,361,498	610,983	44
23,613,874	1,074,326	3,314,328	16,344,063	2,788,525	41,172	51,460	58,917,408	55,889,354	1,192,881	730,126	1,105,047	122,270,365	63,352,957	45
2,433,164	65,005	363,458	1,870,077	96,253	15,284	23,087	15,691,525	15,174,055	277,866	208,604	31,000	26,898,382	11,206,857	46
1,635,473	32,595	118,644	1,147,299	336,935	----	----	1,750,272	1,697,858	24,514	25,980	1,920	3,205,140	1,454,868	47
1,204,680	60,482	115,418	821,452	201,912	1,631	3,785	2,363,266	2,318,915	8,492	16,842	19,017	4,591,583	2,228,317	48
677,682	62,770	127,443	435,761	44,328	4,200	3,180	965,318	939,454	13,004	12,860	----	2,236,458	1,271,140	49
529,123	31,209	66,004	394,500	37,410	----	----	1,468,880	1,273,462	164,191	31,227	----	2,478,623	1,009,743	50
622,965	71,900	84,357	340,594	122,244	3,063	807	2,142,471	2,054,303	37,742	50,426	----	4,315,655	2,173,184	51
257,337	14,915	47,971	175,855	17,066	----	1,530	482,806	400,968	26,311	55,527	----	933,034	450,228	52
1,516,698	151,554	252,060	938,010	173,580	----	1,494	2,569,124	2,428,296	65,834	74,794	200	5,526,059	2,956,935	53
105,723	15,091	17,955	57,322	15,355	----	----	130,429	126,095	2,159	2,175	----	325,174	194,745	54
1,241,140	80,594	220,823	828,016	98,404	13,303	----	2,849,176	2,775,919	28,627	36,058	8,572	5,570,172	2,720,996	55
9,743,221	274,806	1,403,348	7,561,495	482,304	3,691	17,577	23,053,819	22,407,205	485,923	158,955	1,736	52,362,019	29,308,200	56
427,078	22,750	42,501	308,712	53,115	----	----	807,793	761,463	30,725	12,841	2,764	1,400,270	592,477	57
1,959,310	109,318	183,059	993,031	673,902	----	----	1,998,838	1,972,011	8,108	18,469	250	7,361,911	5,363,073	58
1,260,280	81,337	271,287	471,939	435,717	----	----	2,643,691	1,559,350	19,385	25,368	1,039,588	5,065,885	2,422,194	59

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[6] For numbers of establishments and of wage earners in individual industries, see table 11.

TABLE 9.—GENERAL STATISTICS FOR DES MOINES, BY INDUSTRIES: 1939

[This table presents summary figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures are given, however, reported larger numbers of wage earners or larger values of products than some of those shown separately. No data for nonmanufacturing personnel, except salaried officers of corporations, are included in this table]

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations	*Salaried employees [1]	*Wage earners average for year	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [2]
	All industries, total	258	161	218	1,543	6,760	$1,248,016	$2,813,068	$8,333,790	$45,225,819	$74,027,168	$28,801,349
8	Bookbinding and related industries	6	10	3	12	84	8,261	15,578	109,435	128,755	435,557	306,802
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	25	28	6	43	629	22,883	77,902	876,835	1,753,597	3,800,755	2,047,158
7	Caskets, coffins, burial cases, and other undertakers' goods	3		8	13	41	25,564	23,907	29,880	158,064	327,868	169,804
9	Cleaning and polishing preparations, blacking, and dressings	4		7	5	11	22,124	7,231	12,350	45,779	178,137	132,658
13	Concrete products	7	3	7	5	93	21,650	6,957	88,852	402,321	633,704	231,383
9	Drugs and medicines (including drug grinding)	5		7	13	25	36,785	16,337	21,677	148,163	445,289	297,126
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	4	3	3	63	226	(4)	(4)	(4)	(4)	(4)	(4)
1	Flour and other grain mill products	3		4	48	74	(4)	(4)	(4)	(4)	(4)	(4)
8	General commercial (job) printing	29	17	20	23	130	40,049	33,443	167,984	221,810	639,985	418,175
1	Ice cream and ices	9	8	4	18	62	(4)	(4)	(4)	(4)	(4)	(4)
1	Ice, manufactured	3		1	..	37	(4)		(4)	(4)	(4)	(4)
8	Lithographing and photolithographing (including preparation of stones or plates and dry transfers)	3		5	11	59	25,900	25,284	73,642	217,098	426,004	208,906
8	Machine and hand typesetting (including advertisement typesetting)	3	2	2	2	14	(4)	(4)	(4)	(4)	(4)	(4)
1	Meat packing, wholesale	4		4	109	764	(4)	(4)	(4)	(4)	(4)	(4)
8	Newspapers, publishing and printing	7	4	6	367	436	(4)	(4)	(4)	(4)	(4)	(4)
1	Nonalcoholic beverages	6	7	1	15	33	4,000	22,224	25,469	257,645	623,740	387,895
8	Periodicals, publishing and printing	4	2	6	338	415	(4)		(4)	(4)	(4)	(4)
8	Periodicals, publishing without printing	12	2	10	93	.....	(4)	(4)	.....	(4)	(4)	(4)
5	Planing mills not operated in conjunction with sawmill	3		3	29	128	(4)	(4)	(4)	(4)	(4)	(4)
1	Poultry dressing and packing, wholesale	3	1		8	143	.....	(4)	(4)	(4)	(4)	(4)
1	Prepared feeds (including mineral for animals and fowls)	4		8	9	56	44,077	10,926	42,985	679,832	958,797	278,965
17	Sheet metal work not specifically classified	4	1	2	7	48	9,200	7,461	51,957	209,695	420,717	211,022
20	Signs, advertising displays, and advertising novelties	6	5	5	11	137	(4)	(4)	(4)	(4)	(4)	(4)
14	Stamped and pressed metal products (except automobile stampings)	3		4	11	190	(4)	(4)	(4)		(4)	(4)
14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	4		8	23	234	(4)	(4)	(4)	(4)	(4)	(4)
4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	6	4	10	26	284	46,474	30,341	199,747	706,368	914,517	408,121
	Other industries [5]	156	94	134	1,363	5,267	944,546	2,737,483	6,665,279	41,716,664	64,221,998	23,767,334
	OTHER INDUSTRIES, BY GROUPS [5]											
1	Food and kindred products	9	24	13	186	1,460	77,256	59,869	1,679,460	29,094,720	31,023,142	1,929,611
4	Apparel and other finished products made from fabrics and similar materials	4		9	28	24	[illegible]	13,708	46,224	62,013	159,183	95,170
6	Furniture and finished lumber products	6	7	6	6	106	14,400	13,500	142,755	251,422	598,922	347,500
8	Printing, publishing, and allied industries	2	17	27	757	[illegible]	527,414	1,591,392	1,583,085	5,033,322	14,465,636	9,432,314
9	Chemicals and allied products	10	1	14	87	243	149,012	139,097	271,084	2,509,098	4,385,408	1,876,310
12	Leather and leather products	4	2	5	14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	372,799	170,047
13	Stone, clay, and glass products	5	4	7	59	428	[illegible]	[illegible]	719,158	735,463	1,968,134	1,234,641
14	Iron and steel and their products, except machinery	18	12	17	103	699	137,483	187,474	742,813	2,993,179	5,304,736	2,311,557
17	Nonferrous metals and their products		3	3	5	46	10,110	7,772	42,242	99,737	190,819	91,082
17	Machinery (except electrical)	12	10	13	31	154	18,263	42,908	194,707	444,688	1,133,969	689,281
20	Miscellaneous industries	35	11	11	17	168	69,114	26,200	154,725	398,869	1,121,122	722,283
5	Lumber and timber basic products	3		3	29	128						
7	Furniture and allied products	7	4	1	6	35						
3	Textile mill products and other fiber manufactures	2					77,871	134,120	1,219,588	1,796,940	3,496,128	1,708,188
16	Electrical machinery	2	1	9	76	877						
8	Automobiles and automobile equipment	1										

* As the figures for number of establishments and for personnel in those industries for which no entry appears have been withheld to avoid disclosure of individual establishments, they are included in the "Other industries" figures. The sums of the figures so withheld are included in the totals shown for "All industries" for the city.

Figures do not include data for personnel of central-administrative offices.

[1] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS. [2] Wage earners and wages.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS. [4] Value added by manufacture.

[5] Figures withheld to avoid disclosure of individual establishments. [6] For numbers of establishments and of wage earners in individual industries, see table 11.

TABLE 10.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939

COUNTY	Total	INDUSTRY GROUP																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
The State	2,670	1,323	7	10	51	48	69	19	513	108		3	16	92	97	43	22	142	9	13	85
Adair	4	2							2												
Adams	4	3							1												
Allamakee	19	13				1			4												1
Appanoose	17	8							3	1				1	1	1		2			
Audubon	13	8				1			2					2							
Benton	15	10							3					1	1						
Black Hawk	102	28		1	2	3	4		16	4			1	6	9	6		17		1	4
Boone	18	8		1					7	1								1			
Bremer	43	31					2		6	2								2			
Buchanan	18	13							3									2			
Buena Vista	25	11				1	1		7	1				1				3			
Butler	18	14							3					1							
Calhoun	21	13							6	1							1				
Carroll	22	15					1		4	1										1	
Cass	18	11				1			3						2			1			
Cedar	13	11							2												
Cerro Gordo	55	28			1	1	1	1	11	2				4	2	1		1		1	1
Cherokee	11	5							3	1								2			
Chickasaw	17	13							3									1			
Clarke	4	3							1												
Clay	18	11							4	2				1							
Clayton	36	26				2			6						1						1
Clinton	56	30		1	2	1	2	1	7	1			1	1	6			2			1
Crawford	8	5		3																	
Dallas	19	9							3	1				3	1			2			
Davis	2	1							1												
Decatur	10	7							3												
Delaware	18	14				1			2						1						
Des Moines	70	28			3	2	11	1	5	4			1	1	1	1	1	6			5
Dickinson	7	4							2											1	
Dubuque	92	41			6	4	6	1	15	2			1	3	5	3	1	2	1	1	
Emmet	16	13							3												
Fayette	38	31							6									1			
Floyd	24	13				1	2		4	1				1				1			1
Franklin	19	12							4					2				1			
Fremont	7	2							4	1											
Greene	9	4							2	1				1			1				
Grundy	16	13							3												
Guthrie	11	7					1		3												
Hamilton	19	8					1		3	1					1	1	1	3			
Hancock	13	8							4	1											
Hardin	25	18							4	1								2			
Harrison	7	4							3												
Henry	11	6							3				1	1							
Howard	16	13							2								1				
Humboldt	13	10							1	1				1							
Ida	9	5							2	2											
Iowa	18	11		2					3	1											1
Jackson	22	16				1			4					1							
Jasper	24	3			1	1	1	1	6						3		1	5			2
Jefferson	19	7			2	1			4						1			3			1
Johnson	24	15							6	1				1	1						
Jones	23	14			2				4	1								1		1	
Keokuk	8	3							4					1							
Kossuth	22	17							3	1								1			
Lee	59	25			1		2	3	7	6		1	1		4	2		3			4
Linn	147	55	2		1	3	1	3	32	7		1		3	13	2	2	15	2	1	4
Louisa	11	4							3	1							1				2
Lucas	6	4							1												1
Lyon	9	5				1			2	1											
Madison	10	5							2	1				1			1				
Mahaska	24	15			1				5					2			1				
Marion	17	11			1		1		2					1						1	
Marshall	51	22			1				8	1					5	5		8	1		
Mills	7	5							2												
Mitchell	17	13							3	1											
Monona	9	5				1			3												
Monroe	6	3							2	1											
Montgomery	16	9							4	1				1	1						
Muscatine	57	21			1	2	2		6				1					3			21
O'Brien	19	11							6					2							
Osceola	7	3							2					1							1
Page	28	17			1				5	1				1			1	1			1
Palo Alto	13	10							2					1							
Plymouth	14	8							4								1	1			
Pocahontas	11	7							3	1											
Polk	270	73		2	10	4	9	3	73	20			4	15	18	10	2	13	1		13
Pottawattamie	56	19				2	4		10	7				1	3	2	2	1	1		4
Poweshiek	11	4							3	2			2								
Ringgold	2	1							1												
Sac	14	8							3	1				1				1			
Scott	130	47	4		4	2	4	3	19	5			2	6	8	3		15	1	1	6
Shelby	9	5							2	1				1							
Sioux	22	11				1			5	2				2	1						
Story	36	22			2		1		8	1				1		1					

TABLE 10.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939—Continued

COUNTY	Total	INDUSTRY GROUP 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Tama	15	7				2		1	5												
Taylor	10	7							3												
Union	16	12			1				3												
Van Buren	4	2							1	1											
Wapello	43	18	1		1	1	1	1	6					1	2	2		8		1	
Warren	8	4							2					1							1
Washington	17	7				1			3					1		1		2			2
Wayne	8	3							2	1							1	1			
Webster	49	21			3	1	2		5	4				9	1			1			2
Winnebago	18	15							3												
Winneshiek	28	23				1			3											1	
Woodbury	129	55			4	4	9		20	4		1	1	6	5	2	3	6	2	2	5
Worth	13	12							1												
Wright	18	12							5												

TABLE 11.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE AND FOR DES MOINES: 1939

[In order to avoid disclosing data for individual establishments, wage-earner figures for industries represented by fewer than three establishments are withheld]

Group No.[1]	TITLE	Number of establishments	Wage earners
	STATE OF IOWA		
1	Beet sugar	1	
	Blended and prepared flour made from purchased flour	1	
	Cereal preparations	7	1,154
	Pickled fruits and vegetables and vegetable sauces and seasonings	6	320
	Salad dressings	3	34
	Sausage casings—not made in meat-packing establishments	1	
	Vinegar and cider	1	
	Wines	1	
2	Cigars	2	
3	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	1	
	Hosiery—full-fashioned	1	
	Silk yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	1	
	Woolen and worsted manufactures—contract factories	1	
	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	3	220
4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	3	362
	Housefurnishings (except curtains, draperies, and bedspreads)	2	
	Men's and boys' hats and caps (except felt and straw)	2	
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	2	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	3	256
	Men's neckwear—made in inside factories or by jobbers engaging contractors	1	
	Millinery	1	
	Miscellaneous fabricated textile products not elsewhere classified	1	
	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories	1	
	Trousers (semidress), wash suits, and washable service apparel	1	
	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics	1	
	Work shirts	1	
5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	9	51
6	Baskets for fruits and vegetables	1	
	Laboratory, hospital, and other professional furniture	1	
	Office furniture	1	
	Public-building furniture	1	
	Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets	1	
	Venetian blinds	1	
	Window and door screens and weather strip	1	
	Wooden boxes except cigar boxes	4	67
	Wood products not elsewhere classified	3	25
7	Coated and glazed paper	1	
	Converted paper products not elsewhere classified	2	
	Die-cut paper and paperboard, and converted cardboard	1	
	Envelopes	1	
	Paper and paperboard mills	2	
	STATE OF IOWA—Continued		
8	Books—publishing and printing	1	
	Electrotyping and stereotyping, not done in printing establishments	2	
	Engraving (steel, copperplate, and wood); plate printing	1	
	Greeting cards (except hand-painted)	2	
	Periodicals—publishing without printing	17	
9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	5	31
	Explosives	1	
	Fireworks	3	14
	Insecticides, fungicides, and related industrial and household chemical compounds	4	26
	Lubricating oils and greases—not made in petroleum refineries	3	8
	Printing ink	1	
	Soap and glycerin	3	146
	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	1	
11	Rubber products not elsewhere classified	3	370
12	Small leather goods	1	
	Suitcases, brief cases, bags, trunks, and other luggage	1	
13	Clay products (except pottery) not elsewhere classified	2	
	Mineral wool	1	
	Mirrors and other glass products made of purchased glass	2	
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	2	
14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	2	
	Doors, window sash, frames, molding, and trim (made of metal)	2	
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semi-vitreous china sanitary ware)	1	
	Files	1	
	Forgings, iron and steel—made in plants not operated in connection with rolling mills	1	
	Heating and cooking apparatus, except electric, not elsewhere classified	1	
	Malleable-iron castings	1	
	Oil burners, domestic and industrial	4	72
	Steam fittings, regardless of material	2	
	Steel barrels, kegs, and drums	2	
	Steel castings	2	
	Wire drawn from purchased rods	1	
15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	2	
	Jewelry (precious metals)	3	19
	Lighting fixtures	3	36
16	Batteries, storage and primary (dry and wet)	5	498
	Communication equipment	1	
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	9	304
	Radios, radio tubes, and phonographs	2	
	Wiring devices and supplies	1	

For footnote see end of table.

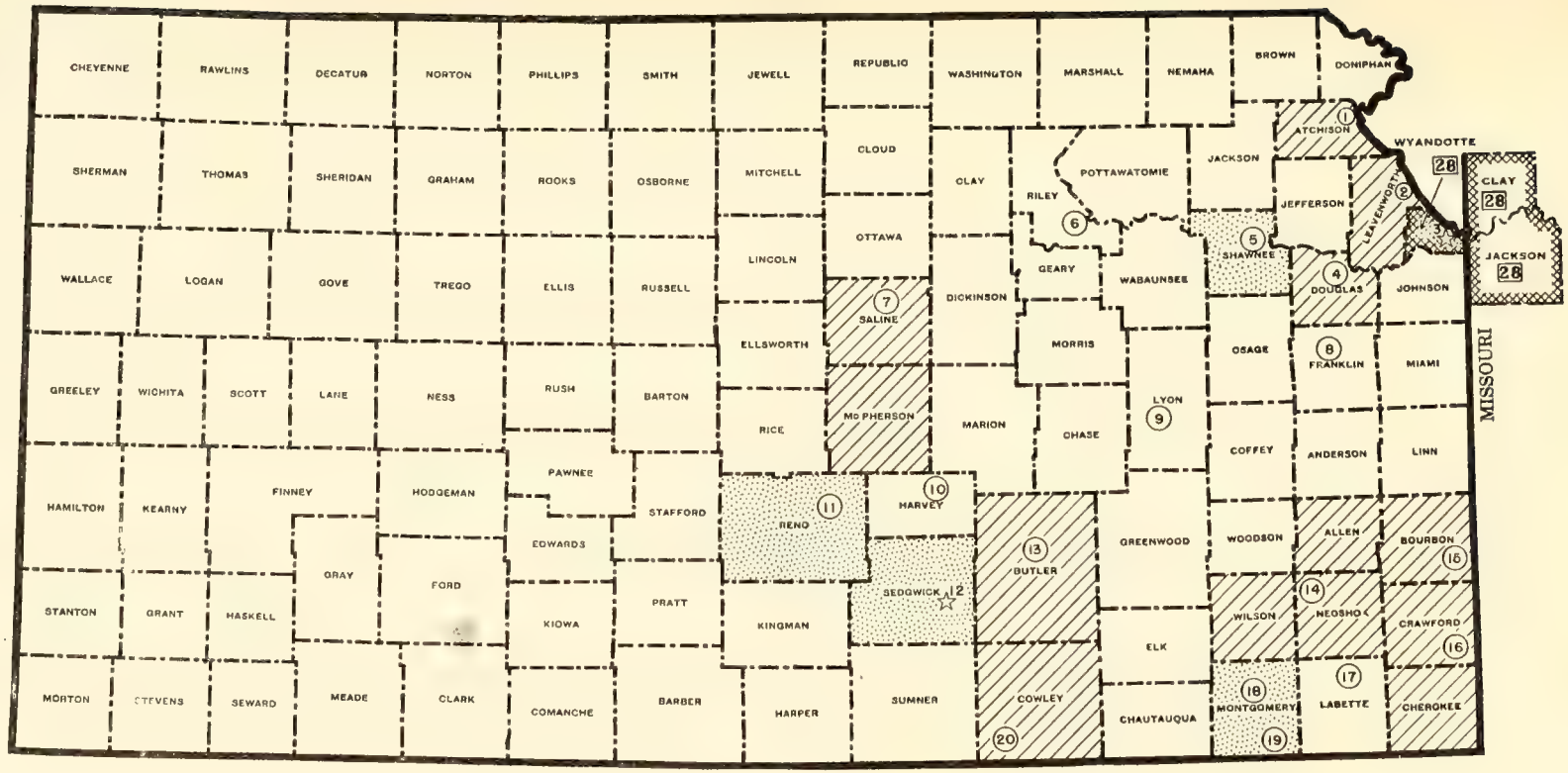
TABLE 11.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE AND FOR DES MOINES: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	STATE OF IOWA—Continued		
17	Blowers; exhaust and ventilating fans	1	
	Cars and trucks, industrial	1	
	Food-products machinery	5	232
	Internal-combustion engines	1	
	Machine tools	1	
	Measuring and dispensing pumps	1	
	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	1	
	Mechanical power-transmission equipment	1	
	Metalworking machinery and equipment, not elsewhere classified	2	
	Mining machinery and equipment	3	87
	Office and store machines not elsewhere classified	1	
	Printing-trades machinery and equipment	2	
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	2	
	Special-industry machinery, not elsewhere classified	2	
	Steam engines, turbines, and water wheels	2	
	Tractors	2	
	Vending, amusement, and other coin-operated machines	1	
19	Boatbuilding and boat repairing	1	
	Locomotives (including frames) and parts: railroad, mining, and industrial	1	
	Shipbuilding and ship repairing	1	
	Transportation equipment not elsewhere classified	5	30
20	Brushes	1	
	Carbon paper and inked ribbons	1	
	Feathers, plumes, and artificial flowers	2	
	Games and toys (except dolls and children's vehicles)	1	
	Hand stamps, stencils, and brands	1	
	Miscellaneous fabricated products not elsewhere classified	2	
	Models and patterns (except paper patterns)	2	
	Pens, mechanical pencils, and pen points	1	
	Photographic apparatus and materials and projection equipment (except lenses)	2	
	Soda fountains, beer dispensing equipment, and related products	1	
	Sporting and athletic goods not elsewhere classified	2	
	CITY OF DES MOINES		
1	Biscuit, crackers, and pretzels	2	
	Candy and other confectionery products	2	
	Cheese	1	
	Condensed and evaporated milk	1	
	Creamery butter	2	
	Flavoring extracts and flavoring sirups, not elsewhere classified	2	
	Flour and other grain-mill products	3	74
	Food preparations, not elsewhere classified	2	
	Ice cream and ices	9	62
	Ice, manufactured	3	37
	Meat packing, wholesale	4	764
	Pickled fruits and vegetables and vegetable sauces and seasonings	1	
	Poultry dressing and packing, wholesale	3	143
	Salad dressings	1	
3	Hosiery—full-fashioned	1	
	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	1	
4	Fur coats and other fur garments, accessories, and trimmings	1	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	1	
	Millinery	1	
	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories	1	
5	Planing mills not operated in conjunction with sawmills	3	128
6	Cooperage	1	
	Mattresses and bedsprings	1	
	Partitions, shelving, cabinet work, and office and store fixtures	2	
	Upholstered household furniture	2	
7	Envelopes	1	
	Paperboard containers and boxes not elsewhere classified	2	
	CITY OF DES MOINES—Continued		
8	Books: publishing and printing	1	
	Books: publishing without printing	1	
	Electrotyping and stereotyping, not done in printing establishments	2	
	Machine and hand typesetting (including advertisement typesetting)	3	14
	Newspapers: publishing and printing	5	436
	Newspapers: publishing without printing	2	
	Periodicals: publishing and printing	4	415
	Periodicals: publishing without printing	12	
	Photoengraving, not done in printing establishments (including preparation of plates)	2	
9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	1	
	Grease and tallow (except lubricating greases)	1	
	Paints, varnishes, and lacquers	2	
	Perfumes, cosmetics, and other toilet preparations	3	166
	Printing ink	1	
	Soybean oil, cake, and meal	1	
	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	1	
12	Leather gloves and mittens	2	
	Saddlery, harness, and whips	1	
	Small leather goods	1	
13	Brick and hollow structural tile	1	
	Cement	1	
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	2	
	Sewer pipe and kindred products	1	
14	Doors, window sash, frames, molding, and trim (made of metal)	1	
	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	4	226
	Gray-iron and semisteel castings	1	
	Heating and cooking apparatus, except electric, not elsewhere classified	1	
	Stamped and pressed metal products (except automobile stampings)	3	100
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	4	214
	Tools (except edge tools, machine tools, files, and saws)	2	
	Wire work not elsewhere classified	2	
15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	1	
	Electroplating, plating, and polishing	2	
	Jewelry (precious metals)	1	
	Lighting fixtures	1	
16	Batteries, storage and primary (dry and wet)	1	
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	1	
17	Construction and similar machinery (except mining and oil-field machinery and tools)	1	
	Elevators, escalators, and conveyors	1	
	Industrial machinery, not elsewhere classified	1	
	Machine-shop products, not elsewhere classified	2	
	Machine-shop repairs	2	
	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	1	
	Printing-trades machinery and equipment	1	
	Pumping equipment and air compressors	1	
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	1	
	Special-industry machinery, not elsewhere classified	1	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	1	
20	Brooms	2	
	Carbon paper and inked ribbons	1	
	Miscellaneous fabricated products not elsewhere classified	1	
	Signs, advertising displays, and advertising novelties	6	135
	Soda fountains, beer dispensing equipment, and related products	1	
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	2	

[1] For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and of industry groups, sec. 27.

KANSAS

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939



KEY TO PLACES

ARKANSAS CITY	20	LAWRENCE	4
ATCHISON	1	LEAVENWORTH	2
CHANUTE	14	MANHATTAN	6
COFFEYVILLE	19	NEWTON	10
EL DORADO	13	OTTAWA	8
EMPORIA	9	PARSONS	17
FORT SCOTT	15	PITTSBURG	16
HUTCHINSON	11	SALINA	7
INDEPENDENCE	18	TOPEKA	5
KANSAS CITY	3	WICHITA	12

UNDER 250 WAGE EARNERS

250 TO 999 WAGE EARNERS

1,000 OR MORE WAGE EARNERS

PLACES OF 10,000 TO 99,999 POPULATION

PLACES OF 100,000 OR MORE POPULATION

INDUSTRIAL AREA:

28 KANSAS CITY AREA

Prepared by the Bureau of the Census, Department of Commerce

KANSAS

Table 1.—SUMMARY FOR THE STATE: 1939, 1937, AND 1929

CENSUS YEAR	Number of establishments	Proprietors and firm members	Number of persons employed in manufacturing [1]	Salaries and wages [1]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2]	Value of products [2]	Value added by manufacture [3]
1939	1,494	1,164	37,688	$48,922,621	$345,401,036	$464,353,506	$118,952,470
1937	1,526	1,134	42,515	56,106,908	416,459,354	543,807,190	127,347,836
1929	1,855	1,271	47,618	69,176,317	533,368,614	722,403,310	189,034,696

[1] Figure for 1939 does not include data for employees of manufacturing establishments (except salaried officers of corporations) who were engaged in distribution, construction, and other nonmanufacturing work. For detail, see table 8. It is not known to what extent data for such nonmanufacturing employees were included in figures reported for earlier years. See General Explanations—Persons engaged—general classification.

[2] The aggregates for cost of materials, etc., and value of products include large amounts of duplication due to the use of the products of some industries as materials by others. See General Explanations—Duplication in cost of materials and value of products.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See General Explanations—Value added by manufacture.

Table 2.—SUMMARY FOR THE KANSAS CITY INDUSTRIAL AREA, COUNTIES, AND PLACES: 1939

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
The State	1,801,028	[5] 1,494	31,614	$36,938,032	$345,401,036	$464,353,506	$118,952,470
Kansas City Industrial Area, total [6]	653,316	1,047	38,378	47,811,019	335,305,534	483,770,597	148,465,063
Portion in Kansas	145,071	133	9,594	12,809,585	143,017,714	176,961,244	33,943,530
Portion in Missouri	508,245	914	28,784	35,001,434	192,287,820	306,809,353	114,521,533
COUNTIES IN KANSAS [5]							
Allen	19,874	15	390	406,276	1,232,872	3,233,264	2,000,392
Anderson [7]	11,658	8	77				
Atchison	22,222	25	876	780,024	6,679,944	9,213,360	2,533,416
Barber [7]	9,073	5	79				
Barton	25,010	27	230	233,248	2,828,728	3,683,045	854,317
Bourbon	20,944	26	336	245,176	1,490,570	2,250,489	759,919
Brown	17,395	10	42	37,887	611,374	745,669	134,295
Butler	32,013	22	854	1,288,195	27,506,570	31,577,525	4,070,955
Chase	6,345	4	5	4,400	12,770	32,565	19,795
Chautauqua	9,233	6	15	13,301	21,191	71,471	50,280
Cherokee [7]	29,817	14	297				
Cheyenne [7]	6,221	1					
Clark [7]	4,081	2					
Clay	13,281	13	83	74,670	933,542	1,188,433	254,891
Cloud	17,247	17	122	107,650	1,429,242	1,838,311	409,069
Coffey [7]	12,278	4	28				
Comanche [7]	4,412	2					
Cowley	38,139	40	606	693,321	9,678,130	12,382,084	2,703,954
Crawford	44,191	31	609	671,719	2,279,242	4,019,264	1,740,022
Decatur	7,434	4	9	7,106	22,019	50,280	28,261
Dickinson	22,929	23	227	218,867	2,270,801	3,136,662	865,861
Doniphan [8]	12,936						
Douglas	25,171	29	482	387,914	2,421,160	4,056,066	1,634,906
Edwards [7]	6,377	4	20				
Elk [7]	8,180	4	9				
Ellis	17,508	11	71	78,915	551,664	773,976	222,312
Ellsworth [7]	9,855	5	24				
Finney	10,092	17	170	162,299	1,132,310	1,609,971	477,661
Ford	17,254	20	125	114,069	926,157	1,385,875	459,718
Franklin	20,889	16	163	159,774	1,389,863	1,883,425	493,562
Geary	15,222	11	51	61,165	517,797	717,859	200,062
Gove [8]	4,793						
Graham [7]	6,071	1					
Grant [7]	1,946	1					
Gray [8]	4,773						
Greeley [7]	1,638	2					
Greenwood	16,495	7	19	13,748	52,150	105,794	53,644
Hamilton [7]	2,645	1					
Harper	12,068	10	31	30,149	328,540	422,250	93,710
Harvey	21,712	22	226	236,420	3,335,703	4,340,410	1,004,707

See footnotes at end of table.

TABLE 2.—SUMMARY FOR THE KANSAS CITY INDUSTRIAL AREA, COUNTIES, AND PLACES: 1939—Continued

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
COUNTIES IN KANSAS [5]—continued							
Haskell [8]	2,088						
Hodgeman [7]	3,535	1					
Jackson	13,382	9	45	$29,800	$189,328	$305,527	$116,199
Jefferson [7]	12,718	4	24				
Jewell [7]	11,970	3	9				
Johnson	33,327	15	102	103,247	339,958	570,045	230,087
Kearny [7]	2,525	1					
Kingman [7]	12,001	5	35				
Kiowa [7]	5,112	2					
Labette	30,352	22	226	180,286	1,394,598	1,993,732	599,134
Lane [7]	2,821	2					
Leavenworth	41,112	28	581	561,467	2,573,013	4,157,719	1,584,706
Lincoln [7]	8,338	5	6				
Linn [7]	11,969	3	14				
Logan [7]	3,688	2					
Lyon	26,424	22	139	133,244	538,768	1,043,986	505,218
Marion	18,951	14	59	40,875	561,193	737,273	176,080
Marshall	20,986	14	126	95,771	641,811	1,046,462	404,651
McPherson	24,152	28	380	494,394	10,758,664	13,232,015	2,473,351
Meade	5,522	3	4	1,964	10,798	27,001	16,203
Miami	19,489	9	23	25,143	140,545	231,985	91,440
Mitchell	11,339	9	46	31,960	177,433	265,639	88,206
Montgomery	49,729	58	2,288	2,993,523	17,018,573	26,298,010	9,279,437
Morris [7]	10,363	6	36				
Morton [7]	2,186	2					
Nemaha [7]	16,761	9	76				
Neosho	22,210	21	431	379,275	2,029,997	3,816,087	1,786,090
Ness [7]	6,864	1					
Norton	9,831	11	72	55,449	459,345	660,991	201,646
Osage [7]	15,118	8	43				
Osborne	9,835	7	16	12,913	16,168	47,311	31,143
Ottawa	9,224	6	18	16,655	80,999	130,551	49,552
Pawnee	10,300	13	45	38,579	224,789	369,787	144,998
Phillips [7]	10,435	4	44				
Pottawatomie	14,015	8	17	14,357	80,783	152,342	71,559
Pratt	12,348	9	49	48,253	264,491	466,086	201,595
Rawlins	6,618	3	6	6,415	21,215	36,296	15,081
Reno	52,165	55	1,173	1,262,335	9,990,334	14,336,259	4,345,925
Republic	13,124	6	14	9,636	31,537	82,263	50,726
Rice	17,213	12	235	243,504	843,113	1,658,239	815,126
Riley	20,617	15	92	84,797	511,089	831,392	320,303
Rooks	8,497	3	7	6,507	10,217	22,775	12,558
Rush [7]	8,285	3	14				
Russell	13,464	9	46	54,089	585,542	811,256	225,714
Saline	29,535	44	642	648,052	11,464,341	15,722,322	4,257,981
Scott [7]	3,773	4	27				
Sedgwick	143,311	193	5,074	5,731,104	39,329,297	56,993,055	17,663,758
Seward	6,540	8	69	68,130	590,506	857,529	267,023
Shawnee	91,247	108	2,493	2,915,425	18,221,172	29,713,268	11,492,096
Sheridan [8]	5,312						
Sherman	6,421	7	19	17,815	119,889	180,322	60,433
Smith	10,582	5	30	18,733	36,336	88,102	51,766
Stafford [7]	10,487	3	21				
Stanton [8]	1,443						
Stevens [7]	3,193	2					
Sumner	26,163	18	165	171,790	2,065,142	2,595,727	530,585
Thomas [7]	6,425	2					
Trego [7]	5,822	2					
Wabaunsee [7]	9,219	1					
Wallace [7]	2,216	1					
Washington	15,921	6	28	23,521	331,476	405,299	73,823
Wichita [7]	2,185	3	10				
Wilson	17,723	22	549	694,375	3,593,843	5,422,255	1,828,412
Woodson [7]	8,014	2					
Wyandotte	145,071	133	9,594	12,809,585	143,017,714	176,961,244	33,943,530
Undistributed [9]		135	969	888,771	9,484,680	13,365,306	3,880,626
PLACES HAVING 10,000 OR MORE INHABITANTS							
Arkansas City	12,752	16	153	169,543	2,782,125	3,732,193	950,068
Atchison [10]	12,648	24	816				
Chanute	10,142	7	60	32,474	176,072	299,833	123,761
Coffeyville	17,355	27	795	916,674	4,417,146	6,809,374	2,392,228
El Dorado	10,045	9	64	69,493	168,430	363,981	195,551
Emporia [10]	13,188	19	109				
Fort Scott [10]	10,557	23	271				
Hutchinson	30,013	47	822	851,019	8,433,277	11,251,867	2,818,590
Independence	11,565	13	66	52,992	243,678	569,001	325,323
Kansas City	121,458	121	8,853	11,814,033	135,460,877	167,228,236	31,767,359
Lawrence [10]	14,390	25	424				
Leavenworth [10]	19,220	26	456				
Manhattan [10]	11,659	13	84				
Newton [10]	11,048	17	198				
Ottawa [10]	10,193	14	154				

See footnotes at end of table.

TABLE 2.—SUMMARY FOR THE KANSAS CITY INDUSTRIAL AREA, COUNTIES, AND PLACES: 1939—Continued

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
PLACES HAVING 10,000 OR MORE INHABITANTS—continued							
Parsons	14,294	16	200	$149,482	$1,224,770	$1,745,192	$520,422
Pittsburg	17,571	20	531	604,706	2,011,078	3,571,511	1,560,433
Salina [5]	21,073	38	591				
Topeka [10]	67,863	101	2,162				
Wichita	114,966	178	3,733	4,091,261	29,067,434	42,509,730	13,442,296

[1] Not including salaried officers and employees nor nonmanufacturing wage earners. The figure for each county or place is an average of the numbers reported for the several months of the year. In calculating it, equal weight must be given to full-time and to part-time wage earners (not reported separately by the manufacturers), and for this reason it exceeds the number that would have been required to perform the work done in the industries if all wage earners had been continuously employed throughout the year. The quotient obtained by dividing the amount of wages by the average number of wage earners cannot, therefore, be accepted as representing the average wage received by full-time wage earners. Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several counties do not add exactly to the average for the State. In making comparisons between the figures for 1939 and those for earlier years, the possibility that the proportion of part-time employment varied from year to year should be taken into account.

[2] Profits and losses cannot be calculated from the census figures because no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, and advertising.

[3] See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

[5] For numbers of establishments by "Industry groups," see table 11.

[6] The Kansas City Industrial Area comprises Clay and Jackson Counties, Mo., and Wyandotte County, Kans. For statistics, by industries for this area, see table 9.

[7] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Undistributed" figures.

[8] No manufacturing reported.

[9] The "Undistributed" figure for number of establishments and a part of the "Undistributed" figure for number of wage earners are included above in the items for the respective counties. The sums of the figures in these two columns are, therefore, larger than the corresponding State totals.

[10] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments.

TABLE 3.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, BY SEX: 1939 AND 1929

[The 1939 questionnaire, for the first time, called for data on the *total* number of employees in manufacturing establishments, including those engaged wholly or chiefly in distribution, construction, and other nonmanufacturing activities. It is not known to what extent data for such employees were included in the figures reported for earlier years. This table presents detailed figures for employees receiving pay at any time within the *normal* pay roll period ended nearest Oct. 14, 1939, and for such employees on the pay roll on Dec. 14, 1929, or on the nearest *representative* date. The total for "Wage earners engaged in manufacturing" is not identical with the average for the year given in other tables), and differs from the number reported for October 1939 or for December 1929, because for both years some manufacturers gave wage-earner figures for months other than those specified. See GENERAL EXPLANATIONS—Persons engaged—general classification.]

CLASS AND SEX	1939 (Oct. 14)[1]	1929 (Dec. 14)[1]
All classes, aggregate [2]	44,755	47,754
Male	38,882	41,592
Female	5,873	6,162
Salaried officers and employees, total	11,884	9,168
Male	9,535	6,923
Female	2,349	2,245
Salaried officers of corporations, total	700	840
Male	653	786
Female	47	54
All other employees (except wage earners in manufacturing), total	11,184	8,328
Male	8,882	6,137
Female	2,302	2,191
Salaried officers and employees—Continued.		
All other employees, etc.—Continued.		
Engaged in manufacturing:		
Male	4,012	(3)
Female	1,362	
Engaged in distribution:		
Male	4,149	
Female	926	
Engaged in construction:		
Male	455	
Engaged in other work:		
Male	266	
Female	14	
Wage earners engaged in manufacturing, total	32,871	38,586
Male	29,347	34,669
Female	3,524	3,917

[1] See headnote.

[2] Figures do not include data for 1,164 proprietors and firm members for 1939 and 1,271 for 1929, which were not reported by sex for 1939.

[3] No data.

TABLE 4.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS: 1939, 1937, AND 1929

[The figures for 1939 relate to wage earners engaged in manufacturing only. It is not known to what extent the figures for earlier years include data for nonmanufacturing wage earners. See headnote to table 3]

CENSUS YEAR	Average number employed during year [1]	NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH—											
		January	February	March	April	May	June	July	August	September	October	November	December
1939	31,614	29,275	28,659	29,283	30,303	31,121	32,206	32,591	32,797	33,180	32,859	33,775	33,318
1937	34,128	32,797	32,453	33,203	34,043	34,592	35,202	34,978	35,271	34,993	34,224	34,243	33,533
1929	38,450	36,569	37,066	36,876	38,234	39,423	40,260	39,775	40,031	39,656	39,002	37,487	37,025

[1] See GENERAL EXPLANATIONS—Wage earners and wages.

TABLE 5.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY NUMBER OF WAGE EARNERS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS	VALUE ADDED BY MANUFACTURE [2]
	1939	1929	1939	1929	1939	1939
All establishments	1,494	1,855	31,614	38,450	$464,353,506	$118,952,470
No wage earners	46	46			949,687	428,019
1 to 5	811	1,055	2,212	2,755	18,280,325	8,256,319
6 to 20	368	449	3,889	4,923	45,239,980	14,140,100
21 to 50	153	171	4,759	5,320	59,137,292	16,475,477
51 to 100	59	65	4,074	4,331	51,683,262	15,472,260
101 to 250	38	45	5,616	6,614	80,034,543	26,324,274
251 to 500	13	18	4,662	6,538	86,674,754	21,910,095
501 to 1,000	3	2	2,304	[3] 7,969	46,666,745	6,938,032
1,001 to 2,500	3	3	4,098		75,686,918	9,007,894
2,501 or more		1				

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Combined to avoid disclosing data for individual establishments.

TABLE 6.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY VALUE OF PRODUCTS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
All establishments	1,494	1,855	31,614	38,450	$464,353,506	$722,403,310	$118,952,470	$189,034,696
$5,000 to $19,999	613	806	1,542	1,856	6,509,171	8,853,354	3,892,945	5,569,391
$20,000 to $49,999	319	386	1,819	2,145	10,062,454	12,465,131	5,333,668	7,235,663
$50,000 to $99,999	180	199	2,034	2,177	12,708,984	14,120,263	6,264,593	7,257,845
$100,000 to $249,999	149	179	3,155	3,966	24,335,304	28,162,182	9,569,559	14,814,497
$250,000 to $499,999	95	102	3,428	3,827	33,992,872	37,150,007	11,829,120	14,926,373
$500,000 to $999,999	66	75	3,016	3,353	45,847,819	54,270,471	12,721,758	16,356,375
$1,000,000 to $2,499,999	41	67	4,929	5,813	62,328,307	106,792,645	19,169,124	33,270,721
$2,500,000 to $4,999,999	14	19	2,020	2,605	50,795,390	66,498,451	13,997,153	18,873,158
$5,000,000 and over	17	22	9,671	12,708	217,773,205	394,090,806	36,174,550	70,730,673

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 7.—ESTABLISHMENTS CLASSIFIED AS UNDER CORPORATE OR OTHER FORM OF OWNERSHIP (OR CONTROL) AND AS UNDER CENTRAL-ADMINISTRATIVE-OFFICE OR INDEPENDENT OPERATION: 1939 AND 1929

TYPE OF OWNERSHIP OR CONTROL, AND OF OPERATION	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
Total	1,494	1,855	31,614	38,450	$464,353,506	$722,403,310	$118,952,470	$189,034,696
TYPE OF OPERATION								
1939 [3]								
Corporate ownership or control:								
Central-administrative-office (plural-unit)	321	(3)	20,112	(3)	349,148,744	(3)	78,553,491	(3)
Independent (single-unit)	328	(3)	7,154	(3)	80,867,752	(3)	26,904,913	(3)
Noncorporate ownership:								
Central-administrative-office (plural-unit)	33	(3)	432	(3)	4,045,277	(3)	1,350,675	(3)
Independent (single-unit)	812	(3)	3,916	(3)	30,291,733	(3)	12,143,391	(3)
1939 AND 1929 [3]								
Central-administrative-office (plural-unit), corporate and noncorporate	354	282	20,544	20,925	353,194,021	502,249,205	79,904,166	107,222,021
Independent (single-unit), corporate and noncorporate	1,140	1,573	11,070	17,525	111,159,485	220,154,105	39,048,304	81,812,675
TYPE OF OWNERSHIP OR CONTROL								
Corporate	649	721	27,266	32,424	430,016,496	672,247,037	105,458,404	162,851,072
Noncorporate, total	845	1,134	4,348	6,026	34,337,010	50,156,273	13,494,066	26,183,624
Individual	577	(4)	2,548	(4)	16,486,055	(4)	7,244,027	(4)
Partnership	247	(4)	1,644	(4)	13,217,716	(4)	5,308,086	(4)
Cooperative	13	(4)	120	(4)	4,457,941	(4)	814,256	(4)
Other	8	(4)	36	(4)	175,298	(4)	127,697	(4)

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Because of changes in the questionnaire, no comparable figures for 1929 can be given for the first section of this table. For this reason, the items have been regrouped under "1939 and 1929" to present comparable figures so far as this can be done.
[4] No data.

TABLE 8.—GENERAL STATISTICS FOR

[This table presents separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments, given, however, reported larger numbers of wage earners or larger

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED BY MANUFACTURING ESTABLISHMENTS [1]						
					Total [2]	Salaried officers of corporations [3]	Manufacturing		Distribution	Construction	Other
							Salaried employees [2]	Wage earners (average for year) [3]			
1		All industries, total	1,494	1,164	43,498	700	5,374	31,614	5,075	455	280
2	17	Agricultural machinery (except tractors)	7	7	65	2	9	52	2		
3	19	Aircraft and parts, including aircraft engines	4		1,310	13	219	923	110	40	5
4	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	202	237	1,956	21	107	1,638	150	7	33
5	13	Brick and hollow structural tile	9		242	6	15	219	2		
6	20	Brooms	7	6	64	3	5	53	3		
7	1	Candy and other confectionery products	6	6	77	2	6	67	2		
8	4	Canvas products (except bags)	5	4	65	5	8	43	9		
9	19	Cars and car equipment—railroad, street, and rapid-transit	8		265		29	236			
10	6	Caskets, coffins, burial cases, and other morticians' goods	7	7	88	2	4	68	14		
11	13	Cement	7	1	958	5	109	762	71	11	
12	1	Cheese	17	6	119	5	16	82	4	1	11
13	9	Chemicals not elsewhere classified	4		383	2	48	332		1	
14	9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	6		42		8	28	6		
15	13	Concrete products	24	11	241	8	28	178	25	2	
16	1	Condensed and evaporated milk	12		217	4	29	159	18	3	4
17	6	Cooperage	6	5	78	2	2	74			
18	1	Creamery butter	84	62	1,405	16	234	889	256	8	2
19	9	Drugs and medicines (including drug grinding)	16	5	170	12	20	105	26	5	1
20	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	9	6	589	17	63	404	105		
21	1	Flour and other grain-mill products	86	40	3,289	109	400	2,418	311	25	26
22	1	Food preparations, not elsewhere classified	11	9	171	4	20	141	6		
23	8	General commercial (job) printing	76	82	679	22	109	497	51		
24	14	Gray-iron and semisteel castings	7	2	310	3	32	273	2		
25	9	Grease and tallow (except lubricating greases)	3	1	103	5	10	87		1	
26	6	Household furniture, except upholstered	4	2	120		9	111			
27	1	Ice cream and ices	45	34	457	10	45	200	198	4	
28	1	Ice, manufactured	103	56	893	40	90	458	259	1	45
29	8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	5	6	123	4	9	86	24		
30	9	Lubricating oils and greases—not made in petroleum refineries	10	3	183	13	13	68	84	2	3
31	8	Machine and band typesetting (including advertisement typesetting)	3	3	7			7			
32	17	Machine-shop products, not elsewhere classified	12	6	114	6	10	90	5		3
33	17	Machine-shop repairs	26	22	142	1	7	129	5		
34	6	Mattresses and bedsprings	11	10	224	1	21	184	16		2
35	1	Meat packing, wholesale	41	36	9,853	31	844	7,384	1,512	32	50
36	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	9	9	101	3	10	70	16		2
37	18	Motor vehicles, motor-vehicle bodies, parts and accessories	5	6	226	1	35	181	9		
38	8	Newspapers, publishing and printing	209	234	3,255	69	1,021	1,571	594		
39	1	Nonalcoholic beverages	76	69	583	36	56	238	247	2	4
40	17	Oil-field machinery and tools	9	1	701	14	37	503	118	24	5
41	7	Paperboard containers and boxes not elsewhere classified	6	4	608	3	68	487	38	10	2
42	6	Partitions, shelving, cabinet work, and office and store fixtures	6	11	62		7	55			
43	10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	3	1	7	2		5			
44	8	Periodicals: publishing and printing	8	8	72	2	16	48	6		
45	8	Periodicals: publishing without printing	12	3	50	2	48				
46	10	Petroleum refining	21	2	3,877	21	558	3,000	70	206	22
47	5	Planing mills not operated in conjunction with sawmills	19	9	321	15	22	255	29		
48	1	Poultry dressing and packing, wholesale	33	4	916	9	87	766	36	1	17
49	14	Power boilers and associated products	7	4	157	3	19	122	13		
50	1	Prepared feeds (including mineral) for animals and fowls	37	29	550	17	75	366	83	4	5
51	9	Salt	5		603	3	52	512	22	10	4
52	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	3	3	38	1	2	23	12		
53	15	Sheet-metal work not specifically classified	9	8	148	6	14	94	33	1	
54	20	Signs, advertising displays, and advertising novelties	11	11	125	6	15	87	11	6	
55	9	Soap and glycerin	3		1,211	1	227	837	123	23	
56	14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	3		571	4	61	484	22		
57	20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	3	4	12		5	7			
58	4	Textile bags—not made in textile mills	3		173	1	18	142	12		
59	6	Wooden boxes except cigar boxes	5	4	67		7	55	5		
60	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	3		146	5	7	113	18		3

See footnotes at end of table.

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and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures are values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [3]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
57,740,840	2,998,037	8,986,552	36,938,032	7,879,254	628,561	310,404	345,401,036	335,593,209	5,667,459	3,126,280	1,014,088	464,353,506	118,952,470	1
71,952	18,375	13,362	36,778	3,437	------	------	132,733	128,805	1,923	2,005	------	282,652	149,919	2
1,667,504	60,378	288,884	1,099,399	171,415	44,427	3,001	960,168	927,448	10,933	21,787	------	3,417,718	2,457,550	3
2,066,198	82,396	169,900	1,668,570	103,685	15,389	26,258	4,113,177	3,906,009	102,625	104,543	------	8,251,617	4,138,440	4
189,139	9,155	20,210	156,850	2,924	------	------	125,040	30,203	79,038	15,799	------	454,166	329,126	5
39,302	2,850	3,370	29,969	3,113	------	------	97,427	95,131	583	1,713	------	168,348	70,921	6
51,273	4,800	7,590	36,106	2,777	------	------	154,987	149,163	2,511	3,313	------	239,388	84,401	7
73,054	27,737	8,849	25,454	11,014	------	------	99,902	97,972	716	1,214	------	216,866	116,964	8
383,943	------	57,918	326,025	------	------	------	352,646	331,152	7,621	13,873	------	784,289	431,643	9
115,452	3,244	14,259	77,567	20,382	------	------	346,059	342,238	1,241	2,580	------	598,013	251,954	10
1,369,118	33,668	254,208	908,507	153,528	16,342	2,865	1,591,068	818,937	680,606	91,525	------	6,137,101	4,546,033	11
110,000	10,577	16,098	70,072	2,950	1,074	9,229	1,059,225	1,029,075	17,102	13,048	------	1,284,712	225,487	12
(5)	(5)	(5)	(5)	------	(5)	------	(5)	(5)	(5)	(5)	------	(5)	(5)	13
(5)	------	(5)	(5)	(5)	------	------	(5)	(5)	(5)	(5)	------	(5)	(5)	14
285,888	27,698	39,943	183,968	32,615	1,664	------	726,618	713,448	6,296	6,874	------	1,269,432	542,814	15
242,903	16,500	47,179	152,334	21,794	2,184	2,912	2,275,526	2,195,029	62,484	18,013	------	3,028,566	753,040	16
78,251	3,210	2,797	72,244	------	------	------	263,182	258,907	2,796	1,479	------	386,299	123,117	17
1,378,860	53,986	303,570	740,485	265,083	13,551	2,185	17,896,749	17,663,378	115,895	117,476	------	21,062,944	3,166,195	18
254,331	56,170	36,717	107,076	48,606	3,762	2,000	484,015	472,272	5,744	5,999	------	1,188,165	704,150	19
840,915	77,817	104,125	490,033	168,940	------	------	2,327,324	2,268,939	8,012	25,599	24,774	3,517,640	1,190,316	20
4,692,641	603,775	737,348	2,733,039	564,557	26,725	27,197	55,643,571	54,718,852	157,290	733,035	34,394	69,858,640	14,215,069	21
159,019	20,000	28,635	103,013	7,371	------	------	1,518,337	1,484,320	12,777	9,937	11,303	1,983,166	464,829	22
912,715	102,639	153,036	568,087	88,953	------	------	1,313,988	1,241,753	8,034	25,184	39,017	3,079,606	1,765,618	23
337,902	11,880	45,717	274,125	6,180	------	------	306,256	237,600	48,724	19,932	------	924,194	617,938	24
(5)	(5)	(5)	(5)	------	(5)	------	(5)	(5)	(5)	(5)	------	(5)	(5)	25
(5)	------	(5)	(5)	------	------	------	(5)	(5)	(5)	(5)	------	(5)	(5)	26
546,902	36,683	65,006	194,338	245,959	4,916	------	1,415,664	1,332,457	21,842	61,365	------	2,663,619	1,247,955	27
891,734	70,059	137,103	467,926	192,719	1,500	22,427	482,530	126,095	138,663	215,822	1,950	2,382,827	1,900,297	28
171,134	18,616	14,374	107,143	31,001	------	------	131,333	113,083	581	4,084	13,585	430,061	298,728	29
296,234	76,520	19,512	70,643	124,230	2,575	2,754	901,516	889,790	5,532	6,194	------	1,531,304	629,788	30
8,226	------	------	8,226	------	------	------	2,736	1,898	377	426	35	24,396	21,660	31
101,954	9,500	12,572	71,303	7,749	------	830	82,930	75,584	2,561	4,785	------	273,354	190,424	32
204,457	1,545	13,926	177,529	11,457	------	------	103,016	91,584	3,025	7,794	613	510,839	407,823	33
239,084	1,800	35,030	180,974	19,686	------	1,594	545,670	535,157	3,513	7,000	------	1,074,815	529,145	34
14,015,091	170,642	1,596,502	9,546,424	2,544,618	52,613	104,292	124,155,163	123,181,681	593,796	378,362	1,324	143,885,891	19,730,728	35
128,167	10,708	10,705	88,746	16,208	------	1,800	132,837	121,934	1,613	9,290	------	368,908	236,071	36
(5)	(5)	(5)	(5)	(5)	------	------	(5)	(5)	(5)	(5)	------	(5)	(5)	37
4,606,518	306,677	1,370,170	1,983,326	946,345	------	------	2,807,977	2,509,910	42,091	93,417	162,559	11,984,618	9,176,641	38
676,241	117,824	69,043	184,258	299,975	346	4,795	1,541,724	1,492,851	18,703	30,170	------	3,540,274	1,998,550	39
966,710	74,338	75,413	606,619	191,956	17,030	1,354	1,460,075	1,417,647	11,110	31,318	------	3,546,634	2,086,559	40
728,460	27,750	99,119	504,376	83,858	10,546	2,811	2,327,834	2,300,835	12,949	11,756	2,294	3,706,692	1,378,858	41
66,159	------	9,445	56,714	------	------	------	129,860	127,367	640	1,663	190	247,738	117,878	42
10,305	4,562	------	5,743	------	------	------	23,850	21,580	1,324	946	------	42,776	18,926	43
71,657	5,000	14,414	45,946	6,297	------	------	59,650	53,257	1,048	3,125	2,220	223,790	164,140	44
50,737	5,600	45,137	------	------	------	------	94,919	15,953	------	70	78,896	218,285	123,366	45
6,608,479	165,525	1,188,691	4,831,694	133,399	282,246	6,924	74,282,231	71,251,869	2,290,738	447,431	292,193	89,437,983	15,155,752	46
354,615	29,920	38,349	246,083	40,263	------	------	639,848	614,625	4,024	18,790	2,409	1,179,326	539,478	47
622,355	24,030	134,201	398,676	49,021	1,503	14,924	5,630,943	5,587,459	11,430	32,054	------	6,711,263	1,080,320	48
245,042	27,200	36,993	166,047	14,802	------	------	461,302	376,515	1,632	8,555	74,600	816,943	355,641	49
613,890	83,136	109,868	294,749	116,888	5,530	3,719	3,645,141	3,517,489	52,250	75,402	------	5,108,183	1,463,042	50
722,569	21,613	96,443	532,186	43,595	23,354	5,378	1,154,423	941,084	175,241	38,098	------	3,067,139	1,912,716	51
(5)	(5)	(5)	(5)	(5)	------	------	(5)	(5)	(5)	(5)	------	(5)	(5)	52
204,353	20,998	22,053	103,293	57,489	520	------	472,537	463,613	2,909	5,515	500	873,443	400,906	53
140,127	19,226	18,162	81,709	18,725	2,305	------	126,295	108,834	2,669	10,686	4,106	455,906	329,611	54
(5)	(5)	(5)	(5)	(5)	(5)	------	(5)	(5)	(5)	(5)	------	(5)	(5)	55
(5)	(5)	(5)	(5)	(5)	------	------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	56
12,367	------	5,412	6,955	------	------	------	3,576	3,173	266	137	------	28,042	24,466	57
198,069	12,000	34,125	120,046	31,898	------	------	1,312,443	1,306,988	1,933	3,522	------	1,628,029	315,586	58
52,069	------	3,849	44,568	3,652	------	------	79,599	75,260	1,710	2,629	------	139,669	60,070	59
(5)	(5)	(5)	(5)	(5)	------	(5)	(5)	(5)	(5)	(5)	------	(5)	(5)	60

TABLE 8.—GENERAL STATISTICS FOR

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED BY MANUFACTURING ESTABLISHMENTS [1]						
					Total [2]	Salaried officers of corporations [2]	Manufacturing		Distribution	Construction	Other
							Salaried employees [2]	Wage earners (average for year) [3]			
1		Other industries [6]	137	77	6,759	120	736	5,347	472	50	34
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]									
2	1	Food and kindred products	17	17	363	6	20	277	51	9	.
3	4	Apparel and other finished products made from fabrics and similar materials	11	3	520	18	28	411	55	3	5
4	6	Furniture and finished lumber products	13	9	385	2	25	348	10	...	...
5	7	Paper and allied products	3	..	340	1	44	282	8	5	...
6	8	Printing, publishing, and allied industries	8	9	256	9	29	134	84	..	.....
7	9	Chemicals and allied products	23	3	1,892	12	311	1,411	133	25	..
8	13	Stone, clay, and glass products	9	6	457	9	45	396	7	..	...
9	14	Iron and steel and their products, except machinery	13	5	964	13	84	823	44	.	....
10	16	Electrical machinery	3	....	41	6	5	25	5	...	...
11	17	Machinery (except electrical)	16	9	738	28	80	572	50	.	8
12	20	Miscellaneous industries	6	3	101	5	6	84	6	..	..
13	15	Nonferrous metals and their products	6	5	339	....	12	294	4	8	21
	18	Automobiles and automobile equipment	5	6	226	1	35	181	9	.....	.
	5	Lumber and timber basic products	2	2	137	10	12	109	6	...	.....
	12	Leather and leather products	2								

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification

[2] Figures do not include data for personnel of central-administrative offices.

[3] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

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SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars 8,866,775	*Dollars* 429,710	*Dollars* 1,357,220	*Dollars* 5,952,091	*Dollars* 968,140	*Dollars* 98,429	*Dollars* 61,155	*Dollars* 20,405,416	*Dollars* 27,827,006	*Dollars* 930,338	*Dollars* 380,946	*Dollars* 267,126	*Dollars* 50,117,237	*Dollars* 20,711,821	1
412,422	21,689	40,507	276,138	63,170	9,703	1,215	1,508,789	1,429,198	66,607	12,984	------	2,302,192	793,403	2
375,400	46,751	31,053	230,568	58,995	3,192	4,841	651,672	643,319	2,896	5,427	------	1,130,591	478,919	3
394,843	5,400	46,506	335,682	7,255	------	------	990,569	973,009	7,728	9,307	525	1,544,470	553,901	4
404,698	9,250	63,928	293,742	26,331	11,447	------	1,135,185	1,004,372	76,622	54,191	------	2,108,349	973,164	5
406,347	53,405	47,265	166,468	139,209	------	------	444,385	210,831	1,020	5,136	227,398	1,042,864	598,479	6
3,074,566	52,006	589,660	1,892,268	475,585	65,047	------	16,416,200	15,774,019	531,234	110,947	------	26,808,984	10,392,784	7
510,674	7,085	88,278	405,745	9,566	------	------	273,467	139,202	104,864	29,181	220	1,478,719	1,205,252	8
1,154,496	41,168	201,788	851,078	60,462	------	------	1,694,325	1,594,566	33,917	65,746	96	3,312,180	1,617,855	9
37,316	9,540	4,929	21,347	1,500	------	------	62,630	59,336	251	3,043	------	137,933	75,303	10
1,024,037	123,834	136,314	663,898	87,991	------	12,000	1,478,878	1,396,693	18,619	24,819	38,747	3,264,824	1,785,946	11
105,182	10,595	13,772	66,400	14,415	------	------	74,918	70,919	1,374	2,485	140	278,131	203,213	12
966,794	48,987	93,220	748,757	23,661	9,070	43,099	4,674,398	4,531,512	85,206	57,680	------	6,708,000	2,033,602	13

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[6] For numbers of establishments and of wage earners in individual industries, see table 12.

TABLE 9.—GENERAL STATISTICS FOR THE KANSAS

This table presents, for the Kansas City Industrial Area, separate figures for each industry for which it is possible to publish such figures without disclosing exact or approxi industries for which combined figures are given, however, reported larger numbers

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED BY MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
1		All industries, total	1,047	586	51,067	959	5,102	38,378	6,199	171	258
2	1	Biscuit, crackers, and pretzels	6	3	663	5	25	513	88	14	18
3	8	Bookbinding and related industries	7	4	73	7	3	61	2		
4	8	Books, printing without publishing	8	5	109	8	15	76	10		
5	8	Books, publishing without printing	3		74	6	25		43		
6	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	56	36	2,175	25	105	1,851	147	11	36
7	20	Brooms	5	4	38	1	1	35	1		
8	1	Candy and other confectionery products	8	3	555	6	26	407	104	12	
9	4	Canvas products (except bags)	5	3	117	5	7	61	42	1	1
10	19	Cars and car equipment—railroad, street, and rapid-transit	7		218		21	195			2
11	6	Caskets, coffins, burial cases, and other morticians' goods	12	10	216	12	9	151	44		
12	1	Cheese	3	1	48	1	7	28	1		11
13	9	Chemicals not elsewhere classified	4	1	36	1	5	30			
14	9	Cleaning and polishing preparations, blackings, and dressings	8	3	100	4	10	51	34		1
15	4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	8	2	734	18	54	548	111		3
16	9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	8		101		14	67	20		
17	13	Concrete products	13	2	241	13	21	180	27		
18	7	Converted paper products not elsewhere classified	3	2	97	4	5	78	10		
19	6	Cooperage	4	3	91	2	5	84			
20	1	Creamery butter	9	3	267	13	39	140	69	5	1
21	7	Die-cut paper and paperboard, and converted cardboard	3	1	191	3	41	132	13	2	
22	9	Drugs and medicines (including drug grinding)	25	11	528	27	47	326	115	5	8
23	15	Electroplating, plating, and polishing	7	7	63	6	6	46	5		
24	8	Electrotyping and stereotyping, not done in printing establishments	3	2	48	2	6	30	10		
25	14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	3		71	9	7	51	4		
26	8	Engraving (steel, copperplate, and wood); plate printing	3	2	58	5	4	45	4		
27	7	Envelopes	4		202	8	13	148	33		
28	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	7	2	353	16	39	235	63		
29	1	Flavoring extracts and flavoring sirups, not elsewhere classified	8	5	49	6	12	21	9		1
30	1	Flour and other grain-mill products	10	1	1,099	10	133	902	33	4	17
31	1	Food preparations, not elsewhere classified	15	12	290	11	13	227	37	2	
32	17	Food-products machinery	4		92	6	8	32	42		4
33	20	Games and toys (except dolls and children's vehicles)	3	3	38		7	26	5		
34	8	General commercial job printing	97	86	960	64	120	713	63		
35	16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	6	3	96	4	8	56	28		
36	14	Gray-iron and semisteel castings	7	1	285	5	24	251	5		
37	20	Hand stamps, stencils, and brands	4	2	27		1	24	2		
38	4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	3	2	276	3	10	241	22		
39	4	House furnishings (except curtains, draperies, and bedspreads)	5		166	9	5	128	24		
40	1	Ice cream and ices	17	8	428	13	37	167	182	3	26
41	1	Ice, manufactured	22	4	391	20	47	274	49	1	
42	9	Insecticides, fungicides, and related industrial and household chemical compounds	12	6	100	12	16	24	47		1
43	15	Jewelry (precious metals)	4	2	69	2	7	60			
44	15	Lighting fixtures	5		233	14	11	173	28		7
45	8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	9	6	180	17	17	122	23	1	
46	9	Lubricating oils and greases—not made in petroleum refineries	8	2	254	13	30	132	71	2	6
47	8	Machine and hand typesetting (including advertisement typesetting)	10	11	81	6	10	64	1		
48	17	Machine-shop products, not elsewhere classified	11	8	114	7	11	84	12		
49	17	Machine-shop repairs	13	9	68	5	4	56	3		
50	6	Mattresses and bedsprings	12	6	412	5	38	336	33		
51	1	Meat packing, wholesale	13	5	7,053	8	656	5,264	1,049	29	47
52	4	Men's and boys' hats and caps (except felt and straw)	6	8	100	1	6	89	4		
53	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	3		344	9	29	249	57		
54	4	Men's neckwear—made in inside factories or by jobbers engaging contractors	4	2	264	9	6	215	34		
55	4	Millinery	3	4	59	1	3	55			
56	13	Mirrors and other glass products made of purchased glass	3	4	31		6	21	4		
57	20	Models and patterns (except paper patterns)	3	5	17			17			
58	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	5	3	107	4	9	79	15		
59	8	Newspapers: publishing and printing	16	8	1,830	17	404	934	475		
60	8	Newspapers: publishing without printing	4	5	6		6				
61	1	Nonalcoholic beverages	16	7	393	18	45	124	201		5
62	15	Nonferrous-metal foundries (except aluminum)	4	2	62	2	6	51	2		1
63	15	Nonferrous-metal products not elsewhere classified	5	3	144	5	27	107	5		
64	9	Paints, varnishes, and lacquers	15	8	687	20	50	401	198	1	17
65	7	Paperboard containers and boxes not elsewhere classified	10	4	823	6	79	684	44	8	2
66	6	Partitions, shelving, cabinet work, and office and store fixtures	11	15	139	4	7	120	8		

See footnotes at end of table.

CITY INDUSTRIAL AREA, BY INDUSTRIES: 1939

mate data for individual establishments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the of wage earners or larger values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total[2]	Salaries of officers of corporations [3]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
73,723,764	5,210,643	9,545,651	47,811,019	10,513,759	291,361	351,331	335,305,534	327,592,263	3,568,778	2,792,367	1,352,126	483,770,597	148,465,063	1
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	2
99,561	18,132	2,184	77,009	2,236	----	----	54,820	46,277	915	2,794	4,834	220,415	165,595	3
191,524	29,650	19,895	114,217	27,762	----	----	190,539	153,921	1,158	5,396	30,064	494,129	303,590	4
129,770	24,750	26,195	----	78,825	----	----	146,697	4,105	----	----	142,592	378,980	232,283	5
3,219,199	84,215	213,909	2,674,252	187,898	23,398	35,527	4,299,540	4,119,441	93,511	86,588	----	10,113,659	5,814,119	6
32,134	2,763	1,332	27,107	932	----	----	57,310	56,284	169	857	----	108,967	51,657	7
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	8
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	9
314,797	----	43,711	269,130	----	----	1,956	269,477	249,690	6,451	13,336	----	644,344	374,867	10
283,239	41,851	14,243	157,911	69,234	----	----	665,765	654,341	6,173	5,251	----	1,187,621	521,856	11
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	12
(5)	(5)	(5)	(5)	----	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	13
(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	14
993,196	121,691	96,894	566,153	205,395	----	3,063	1,914,627	1,897,279	3,323	9,357	4,668	3,555,787	1,641,160	15
171,196	----	31,600	93,623	45,973	----	----	271,833	233,372	8,759	29,702	----	986,112	714,279	16
359,090	76,800	34,550	199,694	48,046	----	----	1,041,976	1,019,421	8,737	13,818	----	1,742,803	700,827	17
142,268	25,141	13,950	93,207	9,970	----	----	315,610	256,871	28,448	27,790	2,501	579,379	263,769	18
89,355	3,210	7,912	78,233	----	----	----	301,699	296,695	3,291	1,713	----	462,900	161,201	19
365,983	49,672	57,303	169,515	79,760	8,433	1,300	5,359,089	5,321,898	18,709	18,482	----	6,125,929	766,840	20
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	21
779,481	162,081	114,554	343,494	137,982	4,135	17,235	1,365,156	1,328,670	13,297	15,871	7,318	3,389,491	2,024,335	22
70,579	15,054	9,106	40,965	5,454	----	----	49,360	37,623	4,005	7,110	622	174,625	125,265	23
103,425	20,510	11,657	54,624	16,634	----	----	32,537	24,370	1,903	3,422	2,842	176,113	143,576	24
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	25
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	26
322,094	64,368	26,991	153,956	76,779	----	----	447,137	411,223	1,193	8,380	26,341	1,002,070	554,933	27
564,028	87,176	69,327	302,416	105,109	----	----	1,294,797	1,275,926	5,693	13,178	----	2,125,353	830,556	28
70,782	24,496	13,152	16,874	15,627	----	633	124,084	121,325	1,220	1,539	----	256,153	132,069	29
1,841,062	86,780	282,143	1,341,715	109,531	6,047	14,846	28,651,414	28,227,232	21,157	401,551	1,474	34,513,415	5,862,001	30
278,566	56,031	23,390	144,258	51,819	3,068	----	2,045,304	2,028,030	7,625	9,649	----	2,623,756	578,452	31
(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	32
(5)	----	(5)	(5)	(5)	----	----	(5)	(5)	----	(5)	(5)	(5)	(5)	33
1,516,179	240,905	187,160	953,188	134,926	----	----	1,517,249	1,329,518	9,936	37,017	140,778	4,024,493	2,507,244	34
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	35
345,358	12,382	45,571	277,562	9,843	----	----	335,348	255,868	59,386	20,094	----	1,071,086	735,738	36
34,398	----	1,144	31,161	2,093	----	----	36,344	32,815	250	1,279	2,000	97,248	60,904	37
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	----	(5)	(5)	(5)	(5)	38
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	39
637,888	73,250	70,427	185,516	264,819	6,825	37,051	1,453,584	1,372,422	24,805	56,357	----	2,847,771	1,394,187	40
512,748	73,585	90,355	316,667	30,641	1,500	----	286,460	63,936	15,305	207,219	----	1,408,471	1,122,011	41
210,121	56,606	24,873	24,977	103,359	----	306	302,055	298,051	2,189	1,815	----	702,071	400,016	42
(5)	(5)	(5)	(5)	----	----	----	(5)	(5)	----	(5)	(5)	(5)	(5)	43
368,750	61,108	26,597	230,575	42,408	----	8,062	393,791	380,915	2,431	6,230	4,215	931,010	537,219	44
362,032	89,012	27,482	204,377	41,123	38	----	333,840	238,345	1,480	7,987	86,028	849,993	516,153	45
447,594	102,380	53,259	161,273	120,442	2,575	7,665	1,297,192	1,274,075	9,329	13,788	----	2,328,829	1,031,637	46
138,716	19,331	11,570	106,605	1,210	----	----	35,299	29,783	1,335	3,010	1,171	266,542	231,243	47
207,561	71,018	14,888	90,716	30,939	----	----	929,361	924,256	1,215	3,502	388	1,254,068	324,707	48
111,164	13,425	3,144	92,001	2,594	----	----	55,821	49,328	1,469	3,144	1,880	219,586	163,765	49
411,844	17,100	61,668	274,320	58,756	----	----	1,046,836	1,030,357	3,730	12,749	----	1,916,935	870,099	50
10,253,327	45,690	1,264,734	6,938,928	1,855,280	46,445	102,250	96,774,154	96,038,193	479,624	256,337	----	110,346,787	13,572,633	51
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	52
399,721	62,320	43,325	214,573	79,503	----	----	533,564	525,486	2,130	5,948	----	1,040,468	506,904	53
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	54
(5)	(5)	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	55
(5)	----	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	56
(5)	----	----	(5)	----	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	57
153,202	14,430	10,600	112,309	15,863	----	----	147,036	134,227	1,346	11,334	129	387,575	240,539	58
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	59
6,318	----	6,318	----	----	----	----	28,363	7	13	8	28,335	53,584	25,221	60
618,126	60,099	76,032	136,494	338,769	626	6,106	1,056,691	1,026,861	11,363	18,233	234	2,490,018	1,433,327	61
(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	62
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	63
1,114,298	126,508	99,928	539,981	320,600	1,737	25,544	4,710,626	4,662,550	14,859	33,217	----	6,419,992	1,709,366	64
1,064,229	41,979	143,145	757,611	112,712	5,971	2,811	2,522,996	2,486,576	17,884	16,242	2,294	4,171,500	1,648,504	65
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	66

TABLE 9.—GENERAL STATISTICS FOR THE KANSAS

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED BY MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
1	10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	5	-------	33	1	4	24	2	2	-------
2	9	Perfumes, cosmetics, and other toilet preparations	11	3	261	16	24	80	136	-------	5
3	8	Periodicals: publishing and printing	15	11	550	20	185	292	53	-------	-------
4	8	Periodicals: publishing without printing	17	2	90	18	58	-------	14	-------	-------
5	10	Petroleum refining	3	-------	1,502	-------	215	1,257	-------	8	22
6	8	Photoengraving, not done in printing establishments (including preparation of plates)	7	2	118	22	13	69	14	-------	-------
7	5	Planing mills not operated in conjunction with sawmills	12	10	315	12	9	228	65	-------	1
8	1	Poultry dressing and packing, wholesale	15	16	73	1	4	48	20	-------	-------
9	14	Power boilers and associated products	7	5	1,305	15	185	949	156	-------	-------
10	1	Prepared feeds (including mineral) for animals and fowls	20	9	597	30	80	323	158	2	4
11	9	Printing ink	4	2	45	3	3	26	12	-------	1
12	17	Printing-trades machinery and equipment	3	1	15	1	1	10	3	-------	-------
13	17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	3	1	224	6	28	159	29	-------	2
14	10	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	4	-------	174	3	20	131	16	4	-------
15	11	Rubber products not elsewhere classified	4	3	206	4	13	173	14	2	-------
16	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	12	7	287	9	16	171	90	1	-------
17	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	3	-------	198	8	14	152	24	-------	-------
18	15	Sheet-metal work not specifically classified	12	4	175	13	14	120	26	-------	2
19	20	Signs, advertising displays, and advertising novelties	13	11	107	6	3	88	10	-------	-------
20	9	Soap and glycerin	4	-------	1,215	2	228	839	123	23	-------
21	20	Sporting and athletic goods not elsewhere classified	3	5	51	-------	3	48	-------	-------	-------
22	14	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	4	2	21	5	2	14	-------	-------	-------
23	14	Stamped and pressed metal products (except automobile stampings)	4	2	95	5	12	78	-------	-------	-------
24	14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	5	1	319	8	24	254	33	-------	-------
25	12	Suitcases, brief cases, bags, trunks, and other luggage	4	2	303	5	16	254	28	-------	-------
26	20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	9	6	82	4	15	43	20	-------	-------
27	4	Textile bags—not made in textile mills	7	2	551	3	66	463	19	-------	-------
28	14	Tin cans and other tinware not elsewhere classified	3	-------	446	2	70	362	9	3	-------
29	4	Trousers (semidress), wash suits, and washable service apparel	3	4	87	2	4	76	5	-------	-------
30	6	Upholstered household furniture	8	10	223	3	21	184	15	-------	-------
31	17	Vending, amusement, and other coin-operated machines	4	1	104	1	3	96	4	-------	-------
32	13	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	3	-------	19	4	2	8	5	-------	-------
33	6	Window shades	4	3	33	3	5	16	9	-------	-------
34	14	Wirework not elsewhere classified	6	9	70	2	2	62	4	-------	-------
35	4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	9	1	1,989	20	119	1,735	114	1	-------
36	6	Wooden boxes except cigar boxes	3	1	155	-------	11	139	3	2	-------
37	6	Wood preserving	3	-------	110	1	11	98	-------	-------	-------
38	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	8	3	1,642	15	72	1,345	210	-------	-------
39		Other industries [6]	342	198	20,885	304	2,167	16,005	2,279	81	49
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]									
40	1	Food and kindred products	36	9	2,398	31	195	1,756	355	31	30
41	4	Apparel and other finished products made from fabrics and similar materials	44	37	1,820	40	81	1,489	207	1	2
42	6	Furniture and finished lumber products	40	41	841	22	72	691	53	2	1
43	7	Paper and allied products	6	1	410	4	58	306	30	12	-------
44	8	Printing, publishing, and allied industries	21	10	2,672	28	524	1,544	572	4	-------
45	9	Chemicals and allied products	30	7	1,676	26	270	1,058	293	23	6
46	12	Leather and leather products	8	5	328	6	18	276	28	-------	-------
47	13	Stone, clay, and glass products	11	7	404	7	41	320	36	-------	-------
48	14	Iron and steel and their products, except machinery	31	17	3,989	47	231	3,525	180	6	-------
49	15	Nonferrous metals and their products	20	13	341	13	47	262	17	-------	2
50	16	Electrical machinery	16	5	506	14	83	361	48	-------	-------
51	17	Machinery (except electrical)	26	5	963	38	127	638	152	-------	8
52	20	Miscellaneous industries	29	27	372	16	41	268	47	-------	-------
53	11	Rubber products	4	3	206	4	13	173	14	2	-------
	18	Automobile and automobile equipment	13	9	3,705	3	330	3,149	223	-------	-------
	19	Transportation equipment except automobiles	3	1	177	3	26	129	19	-------	-------
	2	Tobacco manufactures	1	1	77	2	10	60	5	-------	-------
	3	Textile-mill products and other fiber manufactures	2								
	10	Products of petroleum and coal	1								

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.
[2] Figures do not include data for personnel of central-administrative offices.
[3] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

CITY INDUSTRIAL AREA, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [3]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
32,229	1,800	7,287	18,551	3,371	1,220	----	95,793	86,737	6,015	3,041	----	225,818	130,025	1
(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	2
940,879	90,857	271,289	443,291	135,442	----	----	561,102	464,752	7,516	15,630	73,204	2,767,859	2,206,757	3
164,868	65,648	75,789	----	23,431	----	----	211,900	40,243	----	----	171,657	549,627	337,727	4
2,725,858	----	424,216	2,281,732	----	12,986	6,924	25,393,061	24,398,963	879,491	114,607	----	30,704,209	5,311,148	5
263,073	71,134	22,540	141,135	28,264	----	----	61,598	48,417	467	4,918	7,796	430,334	368,736	6
418,940	37,110	16,086	271,867	93,643	----	234	505,925	486,173	6,803	12,849	100	1,158,461	652,536	7
64,288	6,000	4,805	33,650	19,833	----	----	586,284	580,450	2,820	3,014	----	677,986	91,702	8
2,115,297	183,602	356,330	1,308,437	266,928	----	----	3,741,546	3,602,313	12,360	52,673	74,200	7,089,144	3,347,598	9
882,753	142,948	140,034	366,560	223,528	3,083	6,600	6,491,279	6,378,635	30,441	82,203	----	9,061,675	2,570,396	10
116,064	25,412	9,880	33,725	45,655	----	1,392	214,143	207,533	1,571	5,039	----	436,882	222,739	11
33,884	6,500	1,448	14,643	11,293	----	----	31,188	29,075	1,434	679	----	103,383	72,195	12
(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	13
190,766	5,300	25,942	140,826	14,354	4,344	----	939,209	904,569	22,714	11,926	----	1,695,487	756,278	14
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	15
399,138	34,446	32,196	197,965	132,900	1,631	----	1,782,373	1,748,138	11,482	22,753	----	2,275,085	492,712	16
331,381	31,222	31,739	241,829	26,591	----	----	341,801	321,107	10,110	10,447	137	808,830	467,029	17
270,505	49,083	21,484	158,680	39,618	----	1,640	380,924	372,559	2,371	5,994	----	864,597	483,673	18
150,528	29,094	2,763	108,555	10,116	----	----	179,190	170,426	1,889	3,402	3,473	480,871	301,681	19
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	20
(5)	----	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	21
(5)	(5)	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	22
(5)	(5)	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	23
380,434	39,659	46,808	244,643	49,324	----	----	382,013	356,495	16,573	8,945	----	909,584	527,571	24
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	25
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	26
593,628	30,800	89,172	400,610	73,046	----	----	4,848,580	4,831,427	7,041	8,537	1,575	5,880,050	1,031,470	27
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	28
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	29
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	30
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	31
23,521	5,364	3,544	7,976	6,637	----	----	30,026	27,355	381	2,290	----	52,635	22,609	32
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	33
66,663	6,279	1,719	51,035	7,630	----	----	107,307	104,374	502	1,677	754	229,960	122,653	34
2,299,291	145,666	264,636	1,725,181	161,208	2,600	----	3,325,254	3,303,206	1,781	20,267	----	6,340,032	3,014,778	35
(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	36
(5)	(5)	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	37
1,739,696	123,773	108,329	1,229,411	278,183	----	----	2,793,583	2,722,956	3,579	17,048	50,000	5,243,957	2,450,374	38
30,185,177	1,903,447	4,211,397	19,823,530	4,021,918	154,699	70,186	119,606,074	116,488,797	1,645,621	993,134	478,522	192,094,103	72,488,029	39
3,362,580	165,830	410,447	2,099,885	581,512	51,562	53,344	9,919,285	9,556,775	291,644	70,866	----	19,239,944	9,320,659	40
1,650,780	184,524	105,163	1,033,495	325,120	943	1,535	3,482,259	3,381,239	10,387	30,442	60,191	6,115,027	2,632,768	41
873,077	48,445	83,040	667,398	71,255	2,562	377	2,818,597	2,765,531	20,310	24,695	8,061	4,559,591	1,740,994	42
593,619	51,825	88,198	371,976	63,327	18,293	----	1,800,649	1,726,748	52,416	21,485	----	3,166,001	1,365,352	43
4,184,633	281,937	981,823	2,154,801	757,572	8,500	----	3,826,232	3,428,019	35,851	47,421	314,941	12,923,046	9,096,814	44
2,760,545	104,819	502,334	1,422,605	666,405	59,030	5,352	14,110,989	13,823,843	219,979	37,167	----	25,081,082	10,970,093	45
331,597	40,800	23,286	234,836	32,675	----	----	562,544	553,083	2,949	6,512	----	1,029,916	467,372	46
600,180	31,797	92,364	399,551	76,468	----	----	817,497	456,680	169,107	191,710	----	2,212,502	1,395,005	47
5,876,106	348,395	604,608	4,485,545	427,189	10,369	----	9,923,111	8,868,514	645,707	392,583	16,307	22,003,249	12,080,138	48
519,075	105,460	87,574	280,087	43,933	----	2,021	1,127,692	1,082,324	15,873	14,323	15,172	2,083,066	955,374	49
710,318	117,398	115,476	387,775	89,669	----	----	1,671,099	1,629,283	5,143	32,959	3,714	3,168,377	1,497,278	50
1,612,879	297,050	220,543	719,686	368,043	----	7,557	1,942,233	1,850,198	18,523	21,188	52,324	4,819,440	2,877,207	51
427,376	54,056	45,334	270,438	57,548	----	----	470,851	455,520	3,553	11,586	192	1,222,051	751,200	52
6,682,412	71,111	851,207	5,295,452	461,202	3,440	----	67,133,036	66,911,040	124,179	90,197	7,620	84,470,811	17,337,775	53

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments: they are included in the "Other industries" figures.
[6] For numbers of establishments and of wage earners in individual industries, see table 12.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939

[This table presents, for each city in the State having 100,000 or more inhabitants, separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures are given, however, reported larger numbers of wage earners or larger values of products than some of those shown separately. No data for nonmanufacturing personnel, except salaried officers of corporations, are included in this table]

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture
	KANSAS CITY											
	All industries, total	121	58	92	1,340	8,853	$404,934	$2,404,027	$11,814,033	$135,460,877	$167,228,236	$31,767,359
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	5	4	6	5	192	(4)	(4)	(4)	(4)	(4)	(4)
19	Cars and car equipment—railroad, street, and rapid-transit	5	..	....	14	162		28,971	220,725	214,094	501,826	287,732
6	Caskets, coffins, burial cases, and other morticians' goods	3	4	....	..	42	...	..	(4)	(4)	(4)	(4)
13	Concrete products	4	...	2	9	52	(4)	(4)	(4)	(4)	(4)	(4)
9	Drugs and medicines (including drug grinding)	8	3	5	12	62	15,490	23,162	69,908	359,807	824,865	465,058
8	General commercial (job) printing	10	9	3	4	27	3,493	6,434	44,084	179,473	279,611	100,138
1	Ice cream and ices	4	3	3	10	52	19,300	12,470	49,248	235,687	498,584	262,897
1	Ice, manufactured	6	...	8	6	124	13,321	15,948	135,100	95,027	552,134	457,107
9	Lubricating oils and greases—not made in petroleum refineries	4	2	8	5	33	49,430	5,685	38,807	417,896	720,347	302,451
8	Newspapers: publishing and printing	3	3	....	57	51	....	(4)	(4)	(4)	(4)	(4)
7	Paperboard containers and boxes not elsewhere classified	3	1	....	49	321	...	(4)	(4)	(4)	(4)	(4)
1	Prepared feeds (including mineral) for animals and fowls	3	1	8	36	46	(4)	(4)	(4)	(4)	(4)	(4)
9	Soap and glycerin	3	...	1	227	837	(4)	(4)	(4)	(4)	(4)	(4)
	Other industries [5]	84	41	65	1,289	8,393	303,900	2,311,357	11,256,161	133,958,893	163,850,869	29,891,976
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]											
1	Food and kindred products	31	14	28	725	5,785	149,886	1,388,526	7,615,374	105,143,151	120,913,162	15,770,011
5	Lumber and timber basic products	3	.	10	11	90	33,157	25,531	185,954	231,653	518,430	286,777
6	Furniture and finished lumber products	12	13	2	24	282	3,210	32,866	276,079	851,958	1,586,554	734,596
7	Paper and allied products	4	1	..	70	381	..	96,788	449,428	1,819,030	2,970,451	1,151,421
8	Printing, publishing, and allied industries	8	6	2	61	58	5,600	94,918	92,246	77,898	467,745	389,847
14	Iron and steel and their products, except machinery	4	..	7	38	290	64,400	81,739	390,691	1,233,680	2,143,260	909,580
9	Chemicals and allied products	7	.	3	233	924						
13	Stone, clay, and glass products	4	.	2	9	52						
4	Apparel and other finished products made from fabrics and similar materials	1	..	...	....	4						
10	Products of petroleum and coal	2	....	1	108		47,647	590,989	2,246,389	24,601,523	35,251,267	10,649,744
15	Nonferrous metals and their products	2	....	4	5	531						
16	Electrical machinery	1	..	3	1							
17	Machinery (except electrical)	1	.....	3	..							
18	Automobiles and automobile equipment	2	4	....	....							
20	Miscellaneous industries	2	3	....	..							
	WICHITA											
	All industries, total	178	118	96	657	3,733	$505,617	$1,093,053	$4,091,261	$29,067,434	$42,509,730	$13,442,296
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	15	11	1	32	310	3,905	47,478	363,708	788,727	1,845,356	1,056,629
13	Concrete products	4		2	7	52	7,200	8,030	53,686	148,938	273,527	124,589
1	Creamery butter	4		1	36	236	3,000	52,266	158,632	3,063,453	3,427,484	364,031
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	3	5	4	31	185	12,447	43,156	221,834	699,298	1,228,805	529,507
1	Flour and other grain-mill products	3	.	5	71	289	74,600	133,422	356,941	6,350,346	8,097,849	1,747,503
1	Food preparations, not elsewhere classified	5	4	..	2	10	(4)	(4)	(4)	(4)	(4)	(4)
8	General commercial (job) printing	19	20	6	19	77	14,305	24,296	86,397	151,127	404,202	253,075
1	Ice cream and ices	5	1	1	14	58	3,483	23,415	64,536	442,777	781,288	338,511
1	Ice, manufactured	6	1	4	6	35	9,016	11,584	44,877	46,050	219,676	173,626
9	Lubricating oils and greases—not made in petroleum refineries	3	1	4	4	23	(4)	(4)	(4)	(4)	(4)	(4)
17	Machine-shop products, not elsewhere classified	4	2	2	6	45	(4)	(4)	(4)	(4)	(4)	(4)
17	Machine-shop repairs	5	8	.	3	25		4,904	31,794	17,761	99,863	82,102
6	Mattresses and bedsprings	5	2	1	4	33	(4)	(4)	(4)	(4)	(4)	(4)
1	Meat packing, wholesale	3	1	4	42	603	(4)	(4)	(4)	(4)	(4)	(4)
8	Newspapers: publishing and printing	5	6	6	143	288	(4)	(4)	(4)	(4)	(4)	(4)
1	Nonalcoholic beverages	6	1	3	9	48	15,000	12,465	32,050	369,431	821,401	451,970
8	Periodicals: publishing without printing	3	2	..	27	..	..	21,681		30,941	62,645	31,704
5	Planing mills not operated in conjunction with sawmills	5	3	2	6	46	5,748	6,085	51,231	150,499	270,294	99,795

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
		WICHITA—Continued										
1	Poultry dressing and packing, wholesale	3	2		5	59		$9,594	$34,334	$384,118	$463,289	$79,171
14	Power boilers and associated products	3	3		4	41	(4)	(4)	(4)	(4)	(4)	(4)
1	Prepared feeds (including mineral) for animals and fowls	3	3		6	18	(4)	(4)	(4)	(4)	(4)	(4)
20	Signs, advertising displays, and advertising novelties	4	3	3	11	58	$6,100	15,187	59,599	77,896	296,072	218,176
	Other industries [5]	93	61	64	380	2,255	350,813	679,490	2,531,642	16,346,072	24,237,979	7,891,907
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	19	13	8	59	710	24,880	121,741	881,029	11,847,902	13,810,185	1,962,283
4	Apparel and other finished products made from fabrics and similar materials	4		8	12	69	24,812	21,724	55,446	510,937	678,889	167,952
6	Furniture and finished lumber products	12	9	1	10	88	1,800	22,855	86,554	312,006	520,345	208,339
8	Printing, publishing, and allied industries	13	11	19	171	433	136,897	260,711	515,291	1,157,264	3,347,472	2,190,208
9	Chemicals and allied products	13	2	14	22	85	82,530	44,225	95,727	642,841	1,332,949	690,108
14	Iron and steel and their products, except machinery	9	6	3	65	536	20,338	152,061	579,874	1,331,399	2,387,984	1,056,585
17	Machinery (except electrical)	9	5	9	27	229	56,194	37,604	226,268	221,583	1,562,861	1,341,278
15	Nonferrous metals and their products	4	7		7	52						
20	Miscellaneous industries	4	4	1	1	20						
7	Paper and allied products	2					3,362	18,569	91,453	322,140	597,294	275,154
10	Products of petroleum and coal	1	4	1	6	33						
13	Stone, clay, and glass products	2										
16	Electrical machinery	1										

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] Figures do not include data for personnel of central-administrative offices.
[2] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.
[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[4] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[5] For numbers of establishments and of wage earners in individual industries, see table 12.

TABLE 11.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939

COUNTY	Total	INDUSTRY GROUP 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
The State	1,494	770			19	21	48	9	321	54	24		2	58	36	15	3	70	5	12	27
Allen	15	8							2					4				1			
Anderson	8	4					2		2												
Atchison	25	13			2				4				1	1	3		1				
Barber	5	3							1					1							
Barton	27	17				1			5		1							3			
Bourbon	26	14			1		1		5					4				1			
Brown	10	7							3												
Butler	22	8							5		4			1				2	1	1	
Chase	4	2							2												
Chautauqua	6	2							2									1			1
Cherokee	14	5			1				4					2		1		1			
Cheyenne	1								1												
Clark	2	1							1												
Clay	13	10							2												1
Cloud	17	11							4					2							
Coffey	4	3							1												
Comanche	2								1									1			
Cowley	40	29							4	1	1			1	1	1		2			
Crawford	31	18					1		6					2	1	1		2			
Decatur	4	3							1												
Dickinson	23	15					1		5	1								1			
Douglas	29	16						2	9						1						1
Edwards	4	2							2												
Elk	4	3							1												
Ellis	11	7							2	1								1			

TABLE 11.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939—Continued

COUNTY	Total	INDUSTRY GROUP																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Ellsworth	5	3							2												
Finney	17	14							2									1			
Ford	20	12			1				5						1			1			
Franklin	16	8				1	1		6					1	1			1			
Geary	11	9							2												
Graham	1								1												
Grant	1	1																			
Greeley	2	1							1												
Greenwood	7	4							3												
Hamilton	1								1												
Harper	10	8							2												
Harvey	22	18				1			3												
Hodgeman	1								1												
Jackson	9	6							3												
Jefferson	4	2					1		1												
Jewell	3	1							2												
Johnson	15	3					1		6	1			1		1			1			1
Kearny	1	1																			
Kingman	5	3							2												
Kiowa	2	1							1												
Labette	22	14			2				4		1							1			
Lane	2	1							1												
Leavenworth	28	17			1	2	2		4						1			1			
Lincoln	5	2							2					1							
Linn	3	2									1										
Logan	2	1							1												
Lyon	22	16					1		3	1				1							
Marion	14	7							6									1			
Marshall	14	9							4					1							
McPherson	28	19							4		2			1				2			
Meade	3	3																			
Miami	9	6							3												
Mitchell	9	6			1				2												
Montgomery	58	29				1	1		8	3	2			4	1			6		1	2
Morris	6	5							1												
Morton	2	1							1												
Nemaha	9	7							2												
Neosho	21	9			1				3		2			1		1		3			1
Ness	1								1												
Norton	11	8							2									1			
Osage	8	4							3												1
Osborne	7	4							3												
Ottawa	6	4							2												
Pawnee	13	4			1				3							1		4			
Phillips	4	2							1		1										
Pottawatomie	8	4							3									1			
Pratt	9	6							2									1			
Rawlins	3	2							1												
Reno	55	30			2	1	3	1	8	4				2				3			1
Republic	6	5							1												
Rice	12	6							2	2	1							1			
Riley	15	11							3	1											
Rooks	3	1							2												
Rush	3	1							1					1							
Russell	9	5							2					1				1			
Saline	44	24				1	2		7					2	1	1		3	1		2
Scott	4	2							1		1										
Sedgwick	193	65			4	5	12	2	36	14	3			7	14	4	1	15		3	8
Seward	8	6							1									1			
Shawnee	108	43			1	4	6		25	4				8	4	3		4			6
Sherman	7	5							2												
Smith	5	2							2						1						
Stafford	3	1							2												
Stevens	2	1							1												
Sumner	18	13					1		4												
Thomas	2	1							1												
Trego	2	1							1												
Wabaunsee	1								1												
Wallace	1								1												
Washington	6	3							3												
Wichita	3	1				1			1												
Wilson	22	9							7	1	1			3						1	
Woodson	2	1							1												
Wyandotte	133	45			1	3	12	4	19	20	3			6	5	2	1	1	3	6	2

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE KANSAS CITY INDUSTRIAL AREA, AND FOR KANSAS CITY AND WICHITA: 1939

[In order to avoid disclosing data for individual establishments, wage-earner figures for industries represented by fewer than three establishments are withheld]

Group No.[1]	TITLE	Number of establishments	Wage earners
	STATE OF KANSAS		
1	Beet sugar	1	
	Biscuit, crackers, and pretzels	2	
	Canned and dried fruits and vegetables (including canned soups)	1	
	Cereal preparations	1	
	Flavoring extracts and flavoring sirups, not elsewhere classified	1	
	Macaroni, spaghetti, vermicelli, and noodles	2	
	Pickled fruits and vegetables and vegetable sauces and seasonings	2	
	Salad dressings	2	
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	3	23
	Vinegar and cider	2	
4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	1	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	2	
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	1	
	Miscellaneous fabricated textile products not elsewhere classified	2	
	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	1	
	Work gloves and mittens—cloth, cloth and leather combined	1	
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	3	113
5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	2	
6	Baskets for fruits and vegetables	2	
	Household furniture, except upholstered	4	111
	Office furniture	1	
	Public-building furniture	1	
	Upholstered household furniture	2	
	Wood preserving	1	
	Wood products not elsewhere classified	2	
7	Die-cut paper and paperboard, and converted cardboard	1	
	Paper and paperboard mills	2	
8	Bookbinding and related industries	2	
	Books: printing without publishing	1	
	Books: publishing and printing	1	
	Books: publishing without printing	1	
	Engraving (steel, copperplate, and wood); plate printing	1	
	Photoengraving, not done in printing establishments (including preparation of plates)	2	
9	Chemicals not elsewhere classified	4	332
	Cleaning and polishing preparations, blackings, and dressings	2	
	Colors and pigments	1	
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	6	28
	Fertilizers	1	
	Grease and tallow (except lubricating greases)	3	87
	Linseed oil, cake, and meal	1	
	Mucilage, paste, and other adhesives, except glue and rubber cement	1	
	Paints, varnishes, and lacquers	1	
	Soap and glycerin	3	837
12	Footwear (except rubber)	1	
	Saddlery, harness, and whips	1	
13	Gypsum products	2	
	Lime	1	
	Minerals and earths, ground or otherwise treated	2	
	Mineral wool	1	
	Pottery products not elsewhere classified	1	
	Roofing tile	1	
	Sewer pipe and kindred products	1	
14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semi-vitreous china sanitary ware)	1	
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	1	
	Hardware not elsewhere classified	2	
	Heating and cooking apparatus, except electric, not elsewhere classified	1	
	Stamped and pressed metal products (except automobile stampings)	1	
	Steel castings	1	
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	3	484
	Tin cans and other tinware not elsewhere classified	1	
	Wirework not elsewhere classified	2	
	STATE OF KANSAS—Continued		
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	1	
	Jewelry (precious metals)	1	
	Nonferrous-metal foundries (except aluminum)	2	
	Nonferrous-metal products not elsewhere classified	1	
	Primary smelting and refining of nonferrous metals	1	
16	Batteries, storage and primary (dry and wet)	1	
	Electrical measuring instruments	1	
	Radios, radio tubes, and phonographs	1	
17	Construction and similar machinery (except mining and oil-field machinery and tools)	2	
	Elevators, escalators, and conveyors	2	
	Food-products machinery	2	
	Industrial machinery, not elsewhere classified	1	
	Laundry equipment, domestic	1	
	Mining machinery and equipment	2	
	Paper-mill, pulp-mill, and paper-products machinery	1	
	Printing-trades machinery and equipment	2	
	Pumping equipment and air compressors	2	
	Tractors	1	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	5	181
20	Games and toys (except dolls and children's vehicles)	1	
	Hand stamps, stencils, and brands	1	
	Organs	1	
	Photographic apparatus and materials and projection equipment (except lenses)	1	
	Sporting and athletic goods not elsewhere classified	1	
	Surgical and medical instruments	1	
	KANSAS CITY INDUSTRIAL AREA		
1	Biscuit, crackers, and pretzels	6	513
	Candy and other confectionery products	8	407
	Canned and dried fruits and vegetables (including canned soups)	1	
	Cereal preparations	1	
	Cheese	3	28
	Chewing gum	1	
	Condensed and evaporated milk	2	
	Corn sirup, corn sugar, corn oil, and starch	2	
	Liquors, rectified or blended	2	
	Macaroni, spaghetti, vermicelli, and noodles	1	
	Malt liquors	2	
	Oleomargarine—not made in meat-packing establishments	1	
	Preserves, jams, jellies, and fruit butters	2	
	Salad dressings	2	
	Special dairy products	1	
	Vinegar and cider	1	
2	Cigars	1	
3	Cloth sponging and miscellaneous special finishing	1	
	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	1	
4	Canvas products (except bags)	5	61
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	2	
	Embroideries, other than Schiffli-machine products—contract factories	2	
	Embroideries: Schiffli-machine products	1	
	Fur coats and other fur garments, accessories, and trimmings	1	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	3	241
	Housefurnishings (except curtains, draperies, and bedspreads)	5	128
	Men's and boy's hats and caps (except felt and straw)	6	89
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	1	
	Men's and boys' underwear—made in inside factories or by jobbers engaging contractors	1	
	Men's neckwear—made in inside factories or by jobbers engaging contractors	4	215
	Millinery	3	55
	Miscellaneous fabricated textile products not elsewhere classified	1	
	Robes, lounging garments, and dressing gowns	2	
	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	2	
	Trousers (semidress), wash suits, and washable service apparel	3	76
	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	1	
	Work gloves and mittens: cloth, cloth and leather combined	1	

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE KANSAS CITY INDUSTRIAL AREA, AND FOR KANSAS CITY AND WICHITA: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	KANSAS CITY INDUSTRIAL AREA—Continued		
6	Baskets for fruits and vegetables	1	.....
	Excelsior	1	.....
	Laboratory, hospital, and other professional furniture	2	.....
	Mirror frames and picture frames	2	.....
	Office furniture	1	.....
	Partitions, shelving, cabinet work, and office and store fixtures	11	120
	Upholstered household furniture	8	184
	Venetian blinds	2	.....
	Window and door screens and weather strip	2	.....
	Window shades	4	16
	Wooden boxes except cigar boxes	3	139
	Wood preserving	3	98
7	Coated and glazed paper	1	.....
	Die-cut paper and paperboard, and converted cardboard	3	132
	Fiber cans, tubes, and similar products	1	.....
	Paper and paperboard mills	1	.....
8	Engraving (steel, copperplate, and wood); plate printing	3	45
	Gravure, rotogravure, and rotary photogravure (including preparation of plates)	1	.....
	Greeting cards (except hand-painted)	1	.....
	Newspapers: publishing and printing	16	934
9	Chemicals not elsewhere classified	4	30
	Cleaning and polishing preparations, blackings, and dressings	8	51
	Grease and tallow (except lubricating greases)	1	.....
	Mucilage, paste, and other adhesives, except glue and rubber cement	1	.....
	Perfumes, cosmetics, and other toilet preparations	11	80
	Soap and glycerin	4	839
	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	1	.....
10	Fuel briquets	1	.....
11	Rubber products not elsewhere classified	4	173
12	Industrial leather belting and packing leather	1	.....
	Leather goods not elsewhere classified	2	.....
	Saddlery, harness, and whips	1	.....
	Suitcases, brief cases, bags, trunks, and other luggage	4	254
13	Brick and hollow structural tile	1	.....
	Cement	2	.....
	Mineral wool	2	.....
	Mirrors and other glass products made of purchased glass	3	21
	Statuary and art goods (except stone and concrete)—factory production	2	.....
	Steam and other packing; pipe and boiler covering	1	.....
14	Automobile stampings	1	.....
	Cast-iron pipe and fittings	1	.....
	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	1	.....
	Doors, window sash, frames, molding, and trim (made of metal)	1	.....
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semi-vitreous china sanitary ware)	3	51
	Enameling, japanning, and lacquering	2	.....
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	1	.....
	Hardware not elsewhere classified	1	.....
	Heating and cooking apparatus, except electric, not elsewhere classified	1	.....
	Oil burners, domestic and industrial	1	.....
	Screw-machine products and wood screws	2	.....
	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	4	14
	Stamped and pressed metal products (except automobile stampings)	4	78
	Steel barrels, kegs, and drums	1	.....
	Steel works and rolling mills	1	.....
	Tin cans and other tinware not elsewhere classified	3	362
	Tools (except edge tools, machine tools, files, and saws)	2	.....
	Wire drawn from purchased rods	1	.....
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	2	.....
	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	3	.....
	Jewelry (precious metals)	4	60
	Nonferrous-metal foundries (except aluminum)	4	51
	Nonferrous-metal products not elsewhere classified	5	107
	Secondary smelting and refining, gold, silver, and platinum	1	.....
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	1	.....
16	Automotive electrical equipment	1	.....
	Batteries, storage and primary (dry and wet)	2	.....
	Electrical products not elsewhere classified	2	.....
	KANSAS CITY INDUSTRIAL AREA—Continued		
16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	6	56
	Insulated wire and cable	2	.....
	Radios, radio tubes, and phonographs	2	.....
	Wiring devices and supplies	1	.....
17	Agricultural machinery (except tractors)	2	.....
	Commercial laundry, dry-cleaning, and pressing machinery	2	.....
	Elevators, escalators, and conveyors	1	.....
	Food-products machinery	4	32
	Industrial machinery, not elsewhere classified	2	.....
	Internal-combustion engines	3	.....
	Office and store machines not elsewhere classified	2	.....
	Paper-mill, pulp-mill, and paper-products machinery	1	.....
	Pumping equipment and air compressors	1	.....
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	3	159
	Stokers, mechanical, domestic and industrial	1	.....
	Vending, amusement, and other coin-operated machines	4	96
18	Automobile trailers (for attachment to passenger cars)	1	.....
	Motor vehicles, motor-vehicle bodies, parts and accessories	12	.....
19	Aircraft and parts, including aircraft engines	2	.....
	Boat building and boat repairing	1	.....
20	Brushes	1	.....
	Fabricated plastic products, not elsewhere classified	2	.....
	Games and toys (except dolls and children's vehicles)	3	26
	Miscellaneous fabricated products not elsewhere classified	2	.....
	Models and patterns (except paper patterns)	3	17
	Ophthalmic goods: lenses and fittings	1	.....
	Optical instruments and lenses	1	.....
	Photographic apparatus and materials and projection equipment (except lenses)	2	.....
	Professional and scientific instruments (except surgical and dental)	1	.....
	Soda fountains, beer dispensing equipment, and related products	1	.....
	Sporting and athletic goods not elsewhere classified	3	48
	Surgical supplies and equipment not elsewhere classified: orthopedic appliances	9	43
	KANSAS CITY		
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	5	192
	Candy and other confectionery products	1	.....
	Cheese	1	.....
	Condensed and evaporated milk	2	.....
	Creamery butter	1	.....
	Flour and other grain-mill products	2	.....
	Food preparations, not elsewhere classified	1	.....
	Meat packing, wholesale	11	.....
	Nonalcoholic beverages	1	.....
	Prepared feeds (including mineral) for animals and fowls	3	46
	Sausage casings—not made in meat-packing establishments	1	.....
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	2	.....
4	Textile bags—not made in textile mills	1	.....
5	Planing mills not operated in conjunction with sawmills	1	.....
	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	2	.....
6	Baskets for fruits and vegetables	1	.....
	Caskets, coffins, burial cases, and other morticians' goods	3	42
	Cooperage	2	.....
	Mattresses and bedsprings	2	.....
	Partitions, shelving, cabinet work, and office and store fixtures	2	.....
	Wooden boxes except cigar boxes	2	.....
7	Die-cut paper and paperboard, and converted cardboard	1	.....
	Paperboard containers and boxes not elsewhere classified	3	321
8	Machine and hand typesetting (including advertisement typesetting)	1	.....
	Newspapers: publishing and printing	3	51
	Periodicals: publishing and printing	2	.....
	Periodicals: publishing without printing	2	.....
9	Chemicals not elsewhere classified	2	.....
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	1	.....

See footnote at end of table.

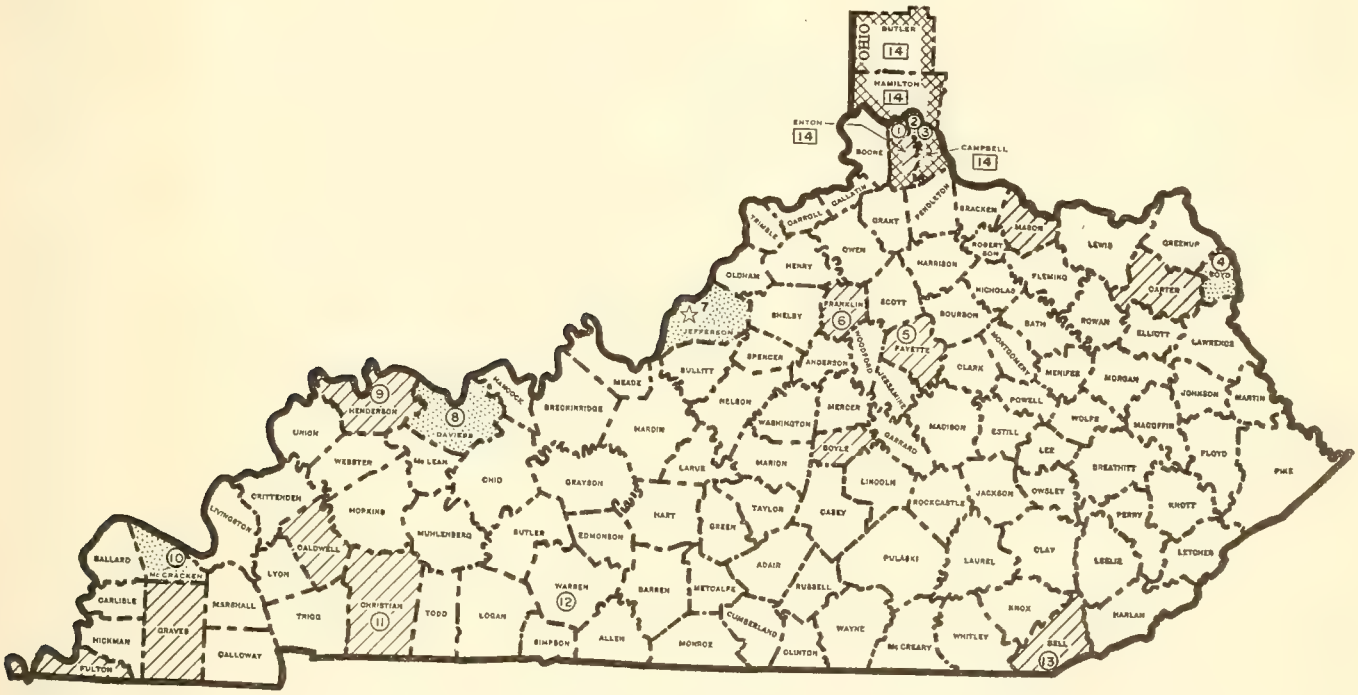
TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE KANSAS CITY INDUSTRIAL AREA, AND FOR KANSAS CITY AND WICHITA: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	KANSAS CITY—Continued		
9	Grease and tallow (except lubricating greases)	1	
	Soap and glycerin	3	837
10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	1	
	Petroleum refining	1	
13	Concrete products	4	52
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	1	
	Gray-iron and semisteel castings	2	
	Power boilers and associated products	1	
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	1	
	Sheet-metal work not specifically classified	1	
16	Radios, radio tubes, and phonographs	1	
17	Paper-mill, pulp-mill, and paper-products machinery	1	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	2	
20	Brooms	1	
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	1	
	CITY OF WICHITA		
1	Biscuit, crackers, and pretzels	1	
	Candy and other confectionery products	1	
	Cereal preparations	1	
	Condensed and evaporated milk	2	
	Flavoring extracts and flavoring sirups, not elsewhere classified	1	
	Food preparations, not elsewhere classified	5	10
	Macaroni, spaghetti, vermicelli, and noodles	1	
	Meat packing, wholesale	3	603
	Prepared feeds (including mineral) for animals and fowls	3	18
	Salad dressings	1	
4	Canvas products (except bags)	1	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	1	
	Miscellaneous fabricated textile products not elsewhere classified	1	
	Textile bags—not made in textile mills	1	
6	Caskets, coffins, burial cases, and other morticians' goods	1	
	Cooperage	2	
	Mattresses and bedsprings	5	33
	Partitions, shelving, cabinet work, and office and store fixtures	2	
	Wooden boxes except cigar boxes	1	
	CITY OF WICHITA—Continued		
6	Wood products not elsewhere classified	1	
7	Paperboard containers and boxes not elsewhere classified	2	
8	Bookbinding and related industries	1	
	Books: printing without publishing	1	
	Books: publishing without printing	1	
	Engraving (steel, copperplate, and wood); plate printing	1	
	Lithographing and photo-litbographing (including preparation of stones or plates and dry transfers)	1	
	Machine and hand typesetting (including advertisement typesetting)	1	
	Newspapers: publishing and printing	5	288
	Periodicals: publishing and printing	1	
	Photoengraving, not done in printing establishments (including preparation of plates)	1	
9	Cleaning and polishing preparations, blackings, and dressings	2	
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	4	23
	Drugs and medicines (including drug grinding)	2	
	Grease and tallow (except lubricating greases)	1	
	Lubricating oils and greases—not made in petroleum refineries	3	23
	Paints, varnishes, and lacquers	1	
10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	1	
13	Mineral wool	1	
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	1	
14	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	1	
	Power boilers and associated products	3	41
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	2	
	Tin cans and other tinware not elsewhere classified	1	
	Wirework not elsewhere classified	2	
15	Jewelry (precious metals)	1	
	Nonferrous-metal foundries (except aluminum)	1	
	Sheet-metal work not specifically classified	2	
16	Batteries, storage and primary (dry and wet)	1	
17	Agricultural machinery (except tractors)	2	
	Food-products machinery	1	
	Machine-shop products, not elsewhere classified	4	45
	Oil-field machinery and tools	1	
	Printing-trades machinery and equipment	1	
20	Brooms	3	
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	1	

[1] For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and of industry groups, sec. 27.

KENTUCKY

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939



KEY TO PLACES

ASHLAND	4
BOWLING GREEN	12
COVINGTON	1
FORT THOMAS	3
FRANKFORT	6
HENDERSON	9
HOPKINSVILLE	11
LEXINGTON	5
LOUISVILLE	7
MIDDLESBOROUGH	13
NEWPORT	2
OWENSBORO	8
PADUCAH	10

UNDER 500 WAGE EARNERS

500 TO 2,499 WAGE EARNERS

2,500 OR MORE WAGE EARNERS

PLACES OF 10,000 TO 99,999 POPULATION

PLACES OF 100,000 OR MORE POPULATION

INDUSTRIAL AREA:

14 CINCINNATI AREA

Prepared by the Bureau of the Census, Department of Commerce

KENTUCKY

Table 1.—SUMMARY FOR THE STATE: 1939, 1937, AND 1929

CENSUS YEAR	Number of establishments	Proprietors and firm members	Number of persons employed in manufacturing [1]	Salaries and wages [1]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2]	Value of products [2]	Value added by manufacture [3]
1939	1,640	1,035	70,718	$79,920,023	$293,629,345	$481,029,771	$187,400,426
1937	1,624	896	77,799	84,546,222	323,001,676	504,897,342	181,895,666
1929	2,188	1,371	74,640	91,901,243	251,926,358	465,422,871	213,496,513

[1] Figure for 1939 does not include data for employees of manufacturing establishments (except salaried officers of corporations) who were engaged in distribution, construction, and other nonmanufacturing work. For detail, see table 8. It is not known to what extent data for such nonmanufacturing employees were included in figures reported for earlier years. See General Explanations—Persons engaged—general classification.

[2] The aggregates for cost of materials, etc., and value of products include large amounts of duplication due to the use of products of some industries as materials by others. See General Explanations—Duplication in cost of materials and value of products.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See General Explanations—Value added by manufacture.

Table 2.—SUMMARY FOR THE CINCINNATI INDUSTRIAL AREA, COUNTIES, AND PLACES: 1939

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [1]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2] [3]	Value of products [2] [3]	Value added by manufacture [4]
The State	2,845,627	[5] 1,640	62,794	$61,902,354	$293,629,345	$481,029,771	$187,400,426
Cincinnati Industrial Area, total [5]	907,293	1,772	87,384	112,224,524	386,912,580	702,620,018	315,707,438
Portion in Kentucky	165,057	117	5,747	6,975,215	19,653,025	36,244,736	16,591,711
Portion in Ohio	742,236	1,655	81,637	105,249,309	367,259,555	666,375,282	299,115,727
COUNTIES IN KENTUCKY [5]							
Adair	18,566	9	70	29,412	104,040	185,945	81,905
Allen	15,496	6	239	118,663	27,914	248,501	220,587
Anderson	8,936	9	140	113,513	693,572	1,054,834	361,262
Ballard	9,480	4	33	8,799	32,252	53,879	21,627
Barren	27,559	18	261	146,061	224,898	559,130	334,232
Bath [7]	11,451	3	14				
Bell	43,812	18	708	460,789	2,201,651	3,300,280	1,098,629
Boone [7]	10,820	3	27				
Bourbon	17,932	5	14	12,998	88,174	144,409	56,235
Boyd	45,938	31	3,597	6,058,548	26,732,182	39,198,341	12,466,159
Boyle	17,075	12	520	347,902	1,028,497	2,043,837	1,015,340
Bracken	9,389	4	239	161,099	389,252	689,199	299,947
Breathitt [8]	23,946						
Breckinridge	17,744	12	129	80,039	327,518	761,548	434,030
Bullitt [7]	9,511	1					
Butler [8]	14,371						
Caldwell	14,499	9	623	319,197	507,143	1,072,408	565,265
Calloway	19,041	9	180	99,642	223,240	410,052	186,812
Campbell	71,918	37	3,822	4,694,267	8,390,903	17,316,812	8,925,909
Carlisle [7]	7,650	2					
Carroll	8,657	6	120	63,141	112,652	317,160	204,508
Carter	25,545	8	787	629,800	582,320	1,635,058	1,052,738
Casey	19,962	3	12	6,539	16,953	37,815	20,862
Christian	36,129	24	529	283,143	2,196,861	3,147,137	950,276
Clark	17,988	11	239	108,355	343,095	715,130	372,035
Clay [7]	23,901	2					
Clinton [7]	10,279	1					
Crittenden [7]	12,115	4	17				
Cumberland	11,923	7	33	13,046	22,797	58,850	36,053
Daviess	52,335	58	2,837	2,368,059	4,716,427	11,270,034	6,553,607
Edmonson [7]	11,344	1					
Elliott [8]	8,713						
Estill [7]	17,978	6	258				
Fayette	78,899	58	630	683,314	5,447,801	9,711,294	4,263,493
Fleming	13,327	6	12	10,110	41,964	76,922	34,958
Floyd	52,986	5	29	16,225	19,585	61,456	41,871
Franklin	23,308	17	1,249	915,483	3,857,819	6,660,887	2,803,068
Fulton	15,413	13	591	345,124	999,143	1,612,334	613,191
Gallatin [7]	4,307	1					
Garrard [7]	11,910	3	13				
Grant [7]	9,876	2					
Graves	31,763	17	1,255	1,199,768	2,771,504	5,173,382	2,401,878
Grayson	17,562	6	8	4,792	69,523	102,638	33,115
Green	12,321	7	34	17,676	64,518	115,484	50,966
Greenup	24,917	7	201	198,397	966,622	1,576,522	609,900
Hancock [7]	6,807	1					
Hardin	29,108	12	326	148,388	285,857	760,836	474,979
Harlan	75,275	17	383	258,013	357,962	1,053,259	695,297
Harrison	15,124	8	38	33,972	209,649	368,116	158,467
Hart	17,239	6	19	10,403	41,285	68,097	26,812

See footnotes at end of table.

TABLE 2.—SUMMARY FOR THE CINCINNATI INDUSTRIAL AREA, COUNTIES, AND PLACES: 1939—Continued

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
COUNTIES IN KENTUCKY [5]—continued							
Henderson	27,020	25	922	$606,239	$2,033,561	$3,423,298	$1,389,737
Henry [7]	12,220	2					
Hickman	9,142	4	17	14,936	81,418	166,970	85,552
Hopkins	37,789	20	68	47,110	310,013	584,518	274,505
Jackson [8]	16,339						
Jefferson	385,392	584	31,114	32,216,403	192,623,222	304,527,919	111,904,697
Jessamine	12,174	5	18	10,408	106,763	171,592	64,829
Johnson	25,771	4	25	22,569	57,110	138,299	81,189
Kenton	93,139	80	1,925	2,280,948	11,262,122	18,927,924	7,665,802
Knott [8]	20,007						
Knox	31,029	7	154	86,146	142,851	312,659	169,808
Larue [7]	9,622	7	47				
Laurel [7]	25,640	9	47				
Lawrence	17,275	5	19	13,071	123,609	210,791	87,182
Lee [7]	10,860	1					
Leslie [7]	14,981	2					
Letcher	40,592	12	65	42,127	140,345	286,568	146,223
Lewis [7]	15,686	4	427				
Lincoln	19,859	6	22	15,039	153,507	222,041	68,534
Livingston [8]	9,127						
Logan	23,345	14	200	179,509	707,592	1,135,323	427,731
Lyon [7]	9,067	2					
Madison	28,541	7	207	88,058	177,145	468,427	291,282
Magoffin [8]	17,490						
Marion	16,913	10	72	46,316	340,579	541,517	200,938
Marshall [7]	16,602	4	179				
Martin [7]	10,970	1					
Mason	19,066	13	793	719,942	4,756,245	6,682,702	1,926,457
McCracken	48,534	45	2,501	1,992,767	4,623,562	9,994,020	5,370,458
McCreary [7]	16,451	4	249				
McLean	11,446	4	169	115,926	167,637	378,825	211,188
Meade [7]	8,827	3	44				
Menifee [7]	5,691	1					
Mercer	14,629	7	38	27,563	327,531	509,030	181,499
Metcalfe [7]	10,853	1					
Monroe	14,070	5	8	4,910	45,641	63,627	17,986
Montgomery	12,280	9	88	51,631	158,367	291,809	133,442
Morgan [7]	16,827	1					
Muhlenberg	37,554	11	58	39,046	220,551	373,404	152,853
Nelson	18,004	13	166	116,470	830,353	1,405,645	575,292
Nicholas	8,617	3	8	6,128	16,186	36,799	20,613
Ohio	24,421	7	30	15,856	105,944	185,413	79,469
Oldham [7]	10,716	1					
Owen [7]	10,942	1					
Owsley [8]	8,957						
Pendleton	10,392	3	7	9,525	36,422	52,331	15,909
Perry	47,828	8	366	249,203	158,807	606,739	447,932
Pike	71,122	13	161	101,103	284,228	556,940	272,712
Powell [7]	7,671	4	45				
Pulaski	39,863	16	182	85,552	368,238	696,059	327,821
Robertson [8]	3,419						
Rockcastle [7]	17,165	2					
Rowan	12,734	8	457	582,304	242,373	1,139,641	897,268
Russell [7]	13,615	1					
Scott	14,314	7	74	27,138	105,318	199,692	94,374
Shelby	17,759	8	108	81,426	281,871	518,484	236,613
Simpson	11,752	8	134	60,314	255,519	376,453	120,934
Spencer [7]	6,757	2					
Taylor	13,556	11	88	59,406	304,361	559,958	255,597
Todd	14,234	11	116	73,143	440,345	624,301	183,956
Trigg [7]	12,784	5	14				
Trimble [8]	5,601						
Union	17,411	6	21	14,972	46,949	99,683	52,734
Warren	36,631	26	391	324,652	1,867,020	3,001,966	1,134,946
Washington [7]	12,965	3	17				
Wayne	17,204	10	85	45,955	184,274	273,367	89,093
Webster	19,198	9	22	13,860	87,121	140,084	52,963
Whitley	33,186	19	128	72,110	243,074	614,893	371,819
Wolfe [8]	9,997						
Woodford [7]	11,847	7	250				
Undistributed [9]		98	1,860	1,377,896	5,115,998	8,968,474	3,852,476
PLACES HAVING 10,000 OR MORE INHABITANTS							
Ashland [10]	29,537	24	3,264				
Bowling Green	14,585	21	315	255,759	1,152,938	2,047,708	894,770
Covington	62,018	69	1,496	1,716,410	5,231,005	10,891,743	5,660,738
Fort Thomas [10]	11,034	1					
Frankfort [10]	11,492	15	1,200				

See footnotes at end of table.

TABLE 2.—SUMMARY FOR THE CINCINNATI INDUSTRIAL AREA, COUNTIES, AND PLACES: 1939—Continued

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
PLACES HAVING 10,000 OR MORE INHABITANTS—continued							
Henderson [10]	13,160	16	835	----	----	----	----
Hopkinsville	11,724	14	367	$209,277	$1,787,610	$2,578,365	$790,755
Lexington	49,304	32	333	397,666	900,469	2,535,759	1,635,290
Louisville	319,077	550	29,502	30,374,685	181,222,827	285,703,542	104,480,715
Middlesborough	11,777	13	673	439,246	2,167,355	3,217,120	1,049,765
Newport [10]	30,631	26	1,078	----	----	----	----
Owensboro	30,245	48	2,562	2,102,062	3,250,075	8,965,901	5,715,826
Paducah [10]	33,765	43	2,482	----	----	----	----

[1] Not including salaried officers and employees nor nonmanufacturing wage earners. The figure for each county or place is an average of the numbers reported for the several months of the year. In calculating it, equal weight must be given to full-time and to part-time wage earners (not reported separately by the manufacturers), and for this reason it exceeds the number that would have been required to perform the work done in the industries if all wage earners had been continuously employed throughout the year. The quotient obtained by dividing the amount of wages by the average number of wage earners cannot, therefore, be accepted as representing the average wage received by full-time wage earners. Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several counties do not add exactly to the average for the State. In making comparisons between the figures for 1939 and those for earlier years, the possibility that the proportion of part-time employment varied from year to year should be taken into account.

[2] Profits and losses cannot be calculated from the census figures because no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, and advertising.

[3] See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

[5] For numbers of establishments by "Industry groups," see table 11.

[6] The Cincinnati Industrial Area comprises Campbell and Kenton Counties, Kentucky, and Butler and Hamilton Counties, Ohio.

[7] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Undistributed" figures.

[8] No manufacturing reported.

[9] The "Undistributed" figure for number of establishments and a part of the "Undistributed" figure for number of wage earners are included above in the items for the respective counties. The sums of the figures in these two columns are therefore larger than the corresponding State totals.

[10] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments.

TABLE 3.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, BY SEX: 1939 AND 1929

[The 1939 questionnaire, for the first time, called for data on the *total* number of employees in manufacturing establishments, including those engaged wholly or chiefly in distribution, construction, and other nonmanufacturing activities. It is not known to what extent data for such employees were included in the figures reported for earlier years. This table presents detailed figures for employees receiving pay at any time within the *normal* pay-roll period ended nearest Oct. 14, 1939, and for such employees on the pay roll on Dec. 14, 1929, or on the nearest *representative* date. The total for "Wage earners engaged in manufacturing" is not identical with the average for the year (given in other tables), and differs from the number reported for October 1939 or for December 1929, because for both years some manufacturers gave wage-earner figures for months other than those specified. See GENERAL EXPLANATIONS—Persons engaged—general classification]

CLASS AND SEX	1939 (Oct. 14) [1]	1929 (Dec. 14) [1]
All classes, aggregate [2]	83,390	74,854
Male	61,484	59,396
Female	21,906	15,458
Salaried officers and employees, total	14,093	9,932
Male	11,291	7,480
Female	2,802	2,452
Salaried officers of corporations, total	1,333	1,511
Male	1,215	1,405
Female	118	106
All other employees (except wage earners in manufacturing), total	12,760	8,421
Male	10,076	6,075
Female	2,684	2,346
Salaried officers and employees—Continued.		
All other employes, etc.—Continued.		
Engaged in manufacturing:		
Male	4,812	(3)
Female	1,779	
Engaged in distribution:		
Male	4,475	
Female	860	
Engaged in construction:		
Male	487	
Engaged in other work:		
Male	302	
Female	45	
Wage earners engaged in manufacturing, total	69,297	64,922
Male	50,193	51,916
Female	19,104	13,006

[1] See headnote.

[2] Figures do not include data for 1,035 proprietors and firm members for 1939, which were not reported by sex, and 1,371 for 1929.

[3] No data.

TABLE 4.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS: 1939, 1937, AND 1929

[The figures for 1939 relate to wage earners engaged in manufacturing only. It is not known to what extent the figures for earlier years include data for nonmanufacturing wage earners. See headnote to table 3]

CENSUS YEAR	Average number employed during year [1]	NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH—											
		January	February	March	April	May	June	July	August	September	October	November	December
1939	62,794	59,429	59,649	60,477	59,731	60,201	60,944	61,765	63,726	65,526	67,074	67,692	67,313
1937	68,998	66,079	62,462	71,108	72,935	72,677	71,299	68,995	71,271	73,556	70,036	65,814	61,740
1929	64,708	61,995	63,979	65,136	64,819	65,359	65,928	66,333	67,889	68,771	65,700	61,574	59,008

[1] See GENERAL EXPLANATIONS—Wage earners and wages.

TABLE 5.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY NUMBER OF WAGE EARNERS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS	VALUE ADDED BY MANUFACTURE [2]
	1939	1929	1939	1929	1939	1939
All establishments	1,640	2,188	62,794	64,708	$481,029,771	$187,400,426
No wage earners	57	43			978,766	426,475
1 to 5	714	1,207	2,040	3,530	19,285,921	9,350,229
6 to 20	441	474	4,662	5,271	35,871,594	16,152,327
21 to 50	181	217	5,953	7,199	45,093,455	19,033,263
51 to 100	113	115	7,981	7,825	59,892,573	25,032,863
101 to 250	97	92	14,560	14,208	107,586,431	40,787,550
251 to 500	21	22	7,584	7,663	37,922,017	16,594,731
501 to 1,000	10	13	6,450	9,129	38,972,025	14,278,058
1,001 to 2,500	3	3	4,890	[3] 9,883	39,663,327	13,590,096
2,501 or more	3	2	8,674		95,763,662	32,154,834

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Combined to avoid disclosing data for individual establishments.

TABLE 6.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY VALUE OF PRODUCTS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
All establishments	1,640	2,188	62,794	64,708	$481,029,771	$465,422,871	$187,400,426	$213,496,513
$5,000 to $19,999	565	973	1,868	2,879	6,428,959	10,069,321	3,707,249	6,092,964
$20,000 to $49,999	363	423	2,375	2,946	11,644,027	13,511,363	6,091,498	7,843,792
$50,000 to $99,999	217	280	3,183	4,278	15,987,985	19,618,341	7,788,633	10,753,126
$100,000 to $249,999	234	220	8,028	6,773	37,331,713	35,686,130	18,439,660	18,648,062
$250,000 to $499,999	103	130	7,613	8,955	38,106,120	45,757,071	18,352,080	23,259,954
$500,000 to $999,999	80	77	9,397	8,584	58,710,513	53,580,292	28,027,773	25,138,599
$1,000,000 to $2,499,999	53	53	11,007	10,773	84,759,995	78,437,243	33,993,468	29,341,829
$2,500,000 to $4,999,999	14	20	5,658	5,840	46,898,813	71,658,350	19,432,755	22,593,052
$5,000,000 and over	11	12	13,665	13,680	181,161,646	137,104,760	51,567,310	69,825,135

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 7.—ESTABLISHMENTS CLASSIFIED AS UNDER CORPORATE OR OTHER FORM OF OWNERSHIP (OR CONTROL) AND AS UNDER CENTRAL-ADMINISTRATIVE-OFFICE OR INDEPENDENT OPERATION: 1939 AND 1929

TYPE OF OWNERSHIP OR CONTROL, AND OF OPERATION	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
Total	1,640	2,188	62,794	64,708	$481,029,771	$465,422,871	$187,400,426	$213,496,513
TYPE OF OPERATION								
1939 [3]								
Corporate ownership or control:								
Central-administrative-office (plural-unit)	345	(3)	33,836	(3)	303,838,042	(3)	109,459,609	(3)
Independent (single-unit)	606	(3)	23,826	(3)	150,650,833	(3)	65,981,274	(3)
Noncorporate ownership:								
Central-administrative-office (plural-unit)	43	(3)	1,045	(3)	3,166,071	(3)	1,382,513	(3)
Independent (single-unit)	646	(3)	4,087	(3)	23,374,825	(3)	10,577,030	(3)
1939 AND 1929 [3]								
Central-administrative-office (plural-unit), corporate and noncorporate	388	234	34,881	26,065	307,004,113	210,787,213	110,842,122	96,499,82
Independent (single-unit), corporate and noncorporate	1,252	1,954	27,913	38,643	174,025,658	254,635,658	76,558,304	116,996,691
TYPE OF OWNERSHIP OR CONTROL								
Corporate	951	1,001	57,662	58,334	454,488,875	432,900,973	175,440,883	197,461,780
Noncorporate, total	689	1,187	5,132	6,374	26,540,896	32,521,898	11,959,543	16,034,733
Individual	417	(4)	2,857	(4)	13,311,642	(4)	6,440,938	(4)
Partnership	266	(4)	2,206	(4)	12,867,170	(4)	5,279,925	(4)
Cooperative	4	[5]	69		362,084		238,680	
Other	2							

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Because of changes in the questionnaire, no comparable figures for 1929 can be given for the first section of this table. For this reason, the items have been regrouped under "1939 and 1929" to present comparable figures so far as this can be done.
[4] No data.
[5] Figures for 1939 combined to avoid disclosing data for individual establishments; no data for 1929.

TABLE 8.—GENERAL STATISTICS FOR

[This table presents separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establish
figures are given, however, reported larger numbers of wage

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS[1]						
					Total[2]	Salaried officers of corporations[2]	Manufacturing		Distribution	Construction	Other
							Salaried employees[2]	Wage earners (average for year)[2]			
1		All industries, total	1,640	1,035	76,887	1,333	6,591	62,794	5,335	487	347
2	17	Agricultural machinery (except tractors)	4	2	523	7	29	410	76		1
3	15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	4	3	359		39	282	1	1	36
4	16	Batteries, storage and primary (dry and wet)	4	1	95	3	7	78	7		
5	20	Beauty-shop and barber-shop equipment	3	2	31		4	27			
6	8	Bookbinding and related industries	3	5	19		1	18			
7	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	117	103	2,107	27	108	1,765	182	1	24
8	13	Brick and hollow structural tile	18	9	511	19	32	425	10	25	
9	20	Brooms	9	5	228	6	10	201	11		
10	1	Candy and other confectionery products	9	6	400	7	17	288	83		5
11	1	Canned and dried fruits and vegetables (including canned soups)	12	9	209		13	196			
12	6	Caskets, coffins, burial cases, and other morticians' goods	6	4	112	3	13	81	15		
13	1	Cheese	14	1	89		16	70	3		
14	13	Clay products (except pottery) not elsewhere classified	3	2	76	1	4	70	1		
15	13	Clay refractories, including refractory cement (clay)	11		1,550	7	92	1,419	10	21	1
16	9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	5		102		13	65	24		
17	13	Concrete products	18	10	242	10	17	170	45		
18	1	Condensed and evaporated milk	8		312	4	29	215	49	5	10
19	6	Cooperage	7	2	640	5	20	613	2		
20	3	Cordage and twine	3		497	6	28	450	13		
21	1	Creamery butter	19	6	398	4	67	240	67	10	10
22	9	Drugs and medicines (including drug grinding)	9	7	178	9	54	66	43	3	3
23	17	Elevators, escalators, and conveyors	5		335	8	27	262	35	3	
24	8	Engraving (steel, copperplate, and wood); plate printing	9	4	116	9	14	83	10		
25	9	Explosives	3		55		2	53			
26	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	8	3	403	13	44	302	44		
27	9	Fertilizers	3		185	4	14	134	30		3
28	1	Flour and other grain-mill products	134	188	1,143	43	143	802	147		8
29	1	Food preparations, not elsewhere classified	11	5	188	4	14	125	45		
30	17	Food-products machinery	3		66	7	18	34	7		
31	12	Footwear (except rubber)	4		1,679		77	1,602			
32	8	General commercial (job) printing	78	64	1,337	68	135	1,068	66		
33	16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	3		279	5	51	184	39		
34	14	Gray-iron and semisteel castings	9	1	375	15	22	328	10		
35	14	Hardware not elsewhere classified	4		205	6	23	172	4		
36	3	Hosiery—full-fashioned	5		828	6	10	761	51		
37	3	Hosiery—seamless	3		795	4	16	775			
38	4	Housefurnishings (except curtains, draperies, and bedspreads)	4	2	153	4	12	119	17		1
39	6	Household furniture, except upholstered	29	17	3,850	46	286	3,410	101	4	3
40	1	Ice cream and ices	30	22	254	18	22	105	13	1	5
41	1	Ice, manufactured	77	24	819	45	73	269	415	6	11
42	17	Industrial machinery, not elsewhere classified	3		147	7	40	94	6		
43	9	Insecticides, fungicides, and related industrial and household chemical compounds	4	3	77	4	11	55	3	3	1
44	12	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	3	1	317		22	295			
45	1	Liquors, distilled	45		2,300	82	419	1,671	64	39	25
46	1	Liquors, rectified or blended	6	2	291	4	61	204	22		
47	8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	5	1	387	10	48	281	45	2	1
48	8	Machine and hand typesetting (including advertisement typesetting)	3	6	20		1	19			
49	17	Machine-shop products, not elsewhere classified	11	6	1,267	14	200	891	162		
50	17	Machine-shop repairs	16	18	146	6	16	124			
51	17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	3	1	19	2	4	13			
52	1	Malt liquors	8		1,180	25	98	758	263	27	9
53	6	Mattresses and bedsprings	7	2	290	11	16	246	14	3	
54	1	Meat packing, wholesale	29	22	1,679	36	131	1,078	396	25	13
55	4	Men's and boys' hats and caps (except felt and straw)	3	1	70	4	2	59	5		
56	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	9	1	2,683	14	85	2,513	71		
57	13	Mirrors and other glass products made of purchased glass	3		82	8	7	58	9		
58	4	Miscellaneous fabricated textile products not elsewhere classified	4	2	148	5	21	94	28		
59	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	12	8	131	12	14	89	16		
60	8	Newspapers: publishing and printing	117	108	2,106	51	834	940	281		
61	8	Newspapers: publishing without printing	3		36	2	22	1	11		
62	1	Nonalcoholic beverages	86	53	1,142	73	113	401	543	2	10
63	15	Nonferrous-metal foundries (except aluminum)	4	1	71	6	7	58			
64	9	Paints, varnishes, and lacquers	24		820	42	96	484	192	4	2
65	7	Paperboard containers and boxes not elsewhere classified	6		275	6	29	227	12	1	
66	10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	5		166	14	10	140	1		1

See footnotes at end of table.

THE STATE, BY INDUSTRIES: 1939

ments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined earners or larger values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [1]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [3]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
89,452,058	6,432,315	11,585,354	61,902,354	8,552,510	631,614	347,911	293,629,345	282,249,949	6,843,554	3,226,734	1,309,108	481,029,771	187,400,426	1
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	2
(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	3
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	4
(5)	----------	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	5
19,853	----------	1,352	18,501	----------	----------	----------	8,179	7,511	254	414	----------	43,289	35,110	6
2,471,762	104,386	187,273	1,965,880	182,875	2,692	28,656	4,994,288	4,787,562	108,952	97,774	----------	9,973,239	4,978,951	7
394,758	33,098	45,593	289,756	20,034	6,277	----------	215,386	81,176	109,328	24,882	----------	726,207	510,821	8
173,302	14,160	15,378	127,460	16,304	----------	----------	297,764	292,003	2,055	3,706	----------	530,490	232,726	9
337,105	24,520	22,711	191,602	94,951	----------	3,321	836,390	813,966	9,758	12,666	----------	1,398,880	562,490	10
41,746	----------	5,757	35,939	----------	50	----------	184,408	180,127	2,920	805	556	255,021	70,613	11
161,091	21,597	31,143	83,611	24,740	----------	----------	226,512	218,914	3,187	4,411	----------	497,891	271,379	12
81,057	----------	20,600	57,524	2,933	----------	----------	604,696	584,487	10,128	10,081	----------	820,968	216,272	13
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	14
1,668,736	46,979	174,836	1,399,253	23,647	22,511	1,510	1,088,744	597,121	368,135	123,488	----------	3,915,092	2,826,348	15
(5)	----------	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	16
260,678	33,920	29,312	146,024	51,422	----------	----------	852,866	839,982	4,258	8,626	----------	1,418,162	565,296	17
364,682	17,292	46,022	242,354	45,136	6,430	7,448	3,712,689	3,637,937	52,613	22,139	----------	5,166,294	1,453,605	18
580,702	20,240	48,815	501,008	10,639	----------	----------	2,357,143	2,337,232	14,205	5,706	----------	3,453,263	1,096,120	19
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	20
452,883	15,653	112,343	218,744	84,325	7,572	14,246	4,549,891	4,463,725	39,144	47,022	----------	5,566,260	1,016,369	21
241,972	49,115	56,524	52,532	78,110	3,830	1,861	250,502	245,680	2,359	2,463	----------	1,349,697	1,099,195	22
533,653	47,292	36,292	334,218	112,385	3,466	----------	722,744	622,315	18,490	5,737	76,202	1,300,837	578,093	23
116,578	26,140	10,592	66,496	13,350	----------	----------	99,467	93,470	508	2,752	2,737	294,096	194,629	24
72,469	----------	5,000	67,469	----------	----------	----------	95,757	84,596	1,721	9,440	----------	301,302	205,545	25
564,214	55,574	70,718	348,061	89,861	----------	----------	858,890	832,971	7,068	14,386	4,465	2,073,262	1,214,372	26
171,494	23,582	24,691	76,727	44,926	----------	1,568	1,001,061	996,943	518	3,600	----------	1,572,078	571,017	27
1,192,272	119,988	191,129	691,843	182,905	----------	6,407	11,571,063	11,340,137	70,204	160,722	----------	15,157,323	3,586,260	28
204,668	17,549	19,348	109,080	58,691	----------	----------	757,088	745,546	5,525	6,017	----------	1,270,171	513,083	29
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	30
1,315,120	----------	98,645	1,216,475	----------	----------	----------	2,519,750	2,495,949	2,971	20,830	----------	5,275,611	2,755,861	31
1,699,456	182,559	227,331	1,212,035	77,531	----------	----------	1,871,009	1,783,315	16,328	38,608	32,758	4,417,307	2,546,298	32
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	33
440,624	46,732	40,101	339,293	14,498	----------	----------	420,547	355,277	47,218	18,052	----------	967,297	546,750	34
245,420	32,581	34,924	163,720	14,195	----------	----------	322,278	310,785	2,567	8,926	----------	725,908	403,630	35
831,410	28,199	30,496	664,252	108,463	----------	----------	749,284	728,758	4,321	16,205	----------	2,138,972	1,389,688	36
444,985	21,895	23,824	399,266	----------	----------	----------	518,392	501,278	6,297	10,817	----------	1,226,785	708,393	37
137,030	12,700	15,666	81,235	26,639	----------	790	449,833	414,537	1,373	8,102	25,821	704,154	254,321	38
3,892,352	201,209	420,898	3,063,616	196,540	5,234	4,855	4,798,982	4,644,215	72,434	74,510	7,823	10,637,152	5,838,170	39
303,937	64,002	31,566	90,739	108,769	3,654	5,207	927,701	870,127	13,435	44,139	----------	1,775,512	847,811	40
880,569	147,441	104,842	278,716	327,768	12,722	9,080	396,268	96,003	89,990	210,275	----------	2,162,173	1,765,905	41
293,826	68,760	71,412	132,741	20,913	----------	----------	244,989	234,392	2,906	5,431	2,260	828,336	583,347	42
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	43
(5)	----------	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	44
3,203,073	439,267	698,703	1,850,738	93,291	100,675	20,399	9,918,067	9,252,805	523,085	142,177	----------	20,401,940	10,483,873	45
308,088	12,449	73,325	191,832	30,482	----------	----------	1,873,209	1,865,062	2,270	5,877	----------	3,030,504	1,157,295	46
584,503	52,564	94,472	339,058	94,213	4,100	96	398,413	369,951	5,421	7,656	15,385	1,229,087	830,674	47
24,016	----------	702	23,314	----------	----------	----------	3,599	541	490	1,386	1,182	67,198	63,599	48
1,835,621	160,360	289,209	1,025,680	360,372	----------	----------	2,192,045	2,094,291	69,072	25,178	3,504	6,671,511	4,479,466	49
189,552	12,956	24,966	151,630	----------	----------	----------	99,072	92,567	1,516	4,866	123	385,812	286,740	50
29,240	9,300	4,260	15,680	----------	----------	----------	35,795	34,774	383	638	----------	79,457	43,662	51
1,947,877	169,417	193,053	1,052,361	481,695	42,848	8,503	2,074,322	1,915,982	119,016	39,324	----------	7,425,887	5,351,565	52
284,181	38,240	21,829	189,730	31,782	2,600	----------	602,668	593,591	3,115	5,926	36	1,166,743	564,075	53
2,170,266	215,433	245,723	1,112,175	546,374	34,687	15,874	18,717,953	18,547,450	92,124	78,279	100	22,312,527	3,594,574	54
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	55
2,560,236	96,255	163,586	2,155,067	145,328	----------	----------	4,114,666	4,078,948	18,468	17,250	----------	8,130,301	4,015,635	56
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	57
161,224	45,799	26,659	49,805	38,961	----------	----------	211,868	158,421	784	2,697	49,966	464,877	253,009	58
180,254	34,798	21,752	109,455	14,249	----------	----------	167,478	152,884	2,078	12,395	121	451,728	284,250	59
3,496,422	237,818	1,425,597	1,387,505	445,502	----------	----------	1,957,132	1,705,035	21,346	84,088	146,663	7,996,497	6,039,365	60
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	----------	(5)	(5)	(5)	(5)	(5)	61
1,522,547	290,724	163,610	348,516	712,838	1,265	5,594	3,462,426	3,392,196	22,237	47,293	700	8,348,418	4,885,992	62
92,013	5,400	16,821	69,792	----------	----------	----------	116,929	101,909	9,452	5,568	----------	301,460	184,531	63
1,616,658	299,342	195,998	657,445	458,432	4,126	1,315	5,241,141	5,152,318	33,254	55,569	----------	9,218,013	3,976,872	64
398,629	74,512	61,391	218,604	41,760	2,362	----------	953,558	934,482	9,156	9,920	----------	1,722,532	768,974	65
132,372	59,200	26,220	39,488	7,200	----------	264	168,483	150,869	15,728	1,886	----------	499,045	330,562	66

TABLE 8.—GENERAL STATISTICS FOR THE

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS[1] Total[2]	Salaried officers of corporations[2]	Manufacturing: Salaried employees[2]	Manufacturing: Wage earners (average for year)[3]	Distribution	Construction	Other
1	8	Periodicals: publishing and printing	7	1	116	8	33	65	10		
2	8	Periodicals: publishing without printing	10	3	65	4	29	1	31		
3	10	Petroleum refining	9		769	6	117	566	12	64	4
4	8	Photoengraving, not done in printing establishments (including preparation of plates)	4		61	7	6	36	12		
5	1	Pickled fruits and vegetables and vegetable sauces and seasonings	5	2	254	6	39	166	43		
6	5	Planing mills not operated in conjunction with sawmills	41	26	1,043	48	69	820	96		10
7	1	Poultry dressing and packing, wholesale	6	5	76	1	8	63	4		
8	14	Power boilers and associated products	4		85	8	12	62	3		
9	1	Prepared feeds (including mineral) for animals and fowls	9	5	114	5	12	91	6		
10	1	Preserves, jams, jellies, and fruit butters	4		267	5	13	217	24	1	7
11	17	Printing-trades machinery and equipment	3		100	6	17	73	4		
12	12	Saddlery, harness, and whips	9	5	222	7	19	172	24		
13	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	7	3	76	4	2	54	16		
14	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	140	130	3,382	37	220	3,055	66	1	[illegible]
15	13	Sewer pipe and kindred products	3		331	6	7	305	11	2	
16	15	Sheet-metal work not specifically classified	10	12	180	[illegible]	29	118	26	2	
17	20	Signs, advertising displays, and advertising novelties	9	2	347	13	41	270	23		
18	13	Statuary and art goods (except stone and concrete)—factory production	3	1	21	4		15	2		
19	14	Steel works and rolling mills	3		5,527	13	351	4,974	92	97	
20	14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	4		641	13	57	471	98		2
21	20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	4	3	14	2	4	7	1		
22	2	Tobacco (chewing and smoking) and snuff	13	10	1,217	17	104	968	45	43	40
23	4	Trousers (semidress), wash suits, and washable service apparel	5		496	16	14	453	1		12
24	6	Upholstered household furniture	4		132	8	8	116			
25	6	Window and door screens and weather strip	3	3	96	2	9	77	8		
26	6	Wooden boxes except cigar boxes	6	1	400	7	27	358	8		
27	6	Wood preserving	4		419		23	396			
28	6	Wood products not elsewhere classified	9	6	327	3	20	304			
29	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	9	3	1,480	8	43	1,402	25		2
30		Other industries[6]	223	89	29,366	271	1,969	25,778	1,034	192	122
		OTHER INDUSTRIES, BY INDUSTRY GROUPS[6]									
31	1	Food and kindred products	8	3	846	15	58	702	47		24
32	3	Textile-mill products and other fiber manufactures	15	3	2,133	20	89	1,973	43		8
33	4	Apparel and other finished products made from fabrics and similar materials	20	15	2,474	19	94	2,303	53		5
34	5	Lumber and timber basic products	7	7	215	3	11	199	2		
35	6	Furniture and finished lumber products	10	4	195	3	22	156	14		
36	7	Paper and allied products	5	4	237	5	11	219	2		
37	8	Printing, publishing, and allied industries	10	1	385	16	67	280	22		
38	9	Chemicals and allied products	17	4	483	10	74	333	44	18	4
39	12	Leather and leather products	7	3	399	4	25	370			
40	13	Stone, clay, and glass products	18	8	631	27	53	477	54	20	
41	14	Iron and steel and their products, except machinery	16	1	9,650	33	621	8,779	120	97	
42	15	Nonferrous metals and their products	15	13	1,078	7	123	860	18	1	69
43	16	Electrical machinery	12	1	2,589	15	274	2,123	177		
44	17	Machinery (except electrical)	27	4	1,428	57	162	1,066	132	1	10
45	19	Transportation equipment except automobiles	3		401	[illegible]	28	366	4		
46	20	Miscellaneous industries	16	12	691	13	71	547	[illegible]		
47	2	Tobacco manufactures	7								
48	10	Products of petroleum and coal	2	6	5,531	21	186	5,025	242	55	2
49	11	Rubber products	[illegible]								
50	18	Automobiles and automobile equipment	[illegible]								

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.

[2] Figures do not include data for personnel of central-administrative offices.

[3] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [3]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
186,870	31,812	55,471	78,265	21,322	----------	----------	55,002	46,178	1,142	2,698	4,984	329,536	274,534	1
98,926	11,640	47,546	936	38,804	----------	----------	152,162	5,060	78	156	146,868	383,941	231,779	2
1,288,625	34,575	323,827	817,778	20,280	85,325	6,840	18,004,344	17,337,813	566,474	100,057	----------	21,305,269	3,300,925	3
95,442	17,435	9,890	51,471	16,646	----------	----------	23,330	13,383	550	1,685	7,712	139,224	115,894	4
265,834	22,160	58,051	130,549	55,074	----------	----------	923,784	913,359	8,248	2,177	----------	1,456,814	533,030	5
1,128,315	186,820	79,528	758,185	87,011	----------	16,771	1,749,615	1,692,326	20,061	37,228	----------	3,630,813	1,881,198	6
47,030	1,000	10,130	32,576	3,324	----------	----------	443,049	439,378	1,770	1,901	----------	522,933	79,884	7
118,460	30,694	16,901	63,863	7,002	----------	----------	146,886	143,251	1,154	2,481	----------	338,056	191,170	8
126,588	12,326	15,265	90,318	8,679	----------	----------	2,062,126	2,039,180	5,654	17,292	----------	2,615,865	553,739	9
298,920	37,534	24,195	193,265	37,319	1,267	5,340	1,024,985	1,008,050	14,499	2,436	----------	1,536,860	511,875	10
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	11
218,819	26,700	24,295	134,403	33,421	----------	----------	408,776	393,050	2,121	4,155	9,450	726,369	317,593	12
76,758	7,400	4,368	50,280	14,710	----------	----------	713,813	702,647	4,672	6,494	----------	844,567	130,754	13
2,490,457	195,470	311,340	1,855,517	116,129	2,869	9,132	3,517,461	3,001,320	89,225	67,475	359,441	7,515,320	3,997,859	14
384,288	31,321	25,481	293,123	32,794	1,569	----------	163,813	55,674	104,439	3,700	----------	676,720	512,907	15
241,561	20,940	59,653	113,657	44,311	3,000	----------	493,394	485,089	2,230	5,199	876	885,608	392,214	16
489,341	77,432	71,717	297,997	42,195	----------	----------	462,301	440,048	7,134	7,204	7,915	1,188,563	726,262	17
22,460	5,812	----------	15,929	719	----------	----------	16,704	15,861	753	90	----------	51,503	34,799	18
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	19
867,872	134,616	112,320	441,669	176,743	----------	2,524	1,035,154	1,004,536	13,129	17,489	----------	2,633,477	1,598,323	20
17,418	4,944	2,509	9,290	675	----------	----------	10,033	9,218	390	425	----------	47,911	37,878	21
1,284,452	72,300	236,435	798,545	91,358	52,348	33,466	6,346,223	6,300,051	29,267	16,905	----------	9,587,274	3,241,051	22
224,489	30,550	18,499	163,643	1,375	----------	10,422	195,448	185,088	1,572	5,007	3,781	582,663	387,215	23
157,734	32,575	9,586	115,573	----------	----------	----------	269,481	264,268	2,535	2,678	----------	506,984	237,503	24
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	25
329,955	31,824	34,243	256,998	6,890	----------	----------	569,369	554,082	3,702	11,585	----------	1,087,652	518,283	26
364,939	----------	49,121	315,818	----------	----------	----------	2,868,686	2,816,767	40,487	11,432	----------	3,828,437	959,751	27
252,703	16,000	30,433	206,270	----------	----------	----------	299,607	281,855	3,140	14,412	200	738,799	439,192	28
788,453	20,600	58,783	686,100	20,720	----------	2,250	1,333,371	1,301,332	11,698	17,939	2,402	2,468,146	1,134,775	29
36,258,173	1,606,838	3,892,757	28,276,291	2,139,980	218,135	124,172	149,527,043	143,968,972	3,867,265	1,295,729	395,077	227,553,901	78,026,858	30
960,594	108,400	110,558	591,523	117,994	15,644	16,475	8,872,254	8,778,441	56,983	36,830	----------	10,875,193	2,002,939	31
1,830,937	105,515	164,468	1,480,449	72,289	----------	8,216	4,399,051	4,229,053	59,876	110,122	----------	7,771,764	3,372,713	32
1,671,388	99,162	142,694	1,332,038	93,899	----------	3,595	4,572,153	4,240,567	7,126	24,538	299,922	6,845,807	2,273,654	33
239,816	13,000	41,835	176,492	8,489	----------	----------	475,528	463,636	3,714	8,178	----------	851,824	376,296	34
196,962	7,960	33,343	135,486	20,173	----------	----------	231,540	220,276	4,009	7,255	----------	497,353	265,813	35
251,325	48,810	18,065	181,420	3,030	----------	----------	667,078	659,758	1,679	5,641	----------	1,218,419	551,341	36
734,189	87,319	142,318	451,953	52,599	----------	----------	423,503	377,783	6,083	16,463	23,174	1,562,903	1,139,400	37
716,620	67,211	161,148	351,230	99,990	29,610	7,431	2,344,660	2,171,200	66,326	107,134	----------	4,308,831	1,964,171	38
463,366	33,600	50,107	379,659	----------	----------	----------	2,683,175	2,623,016	27,705	22,454	10,000	3,652,458	969,283	39
904,657	160,605	117,005	490,997	107,292	28,758	----------	1,018,800	770,014	212,661	34,616	1,509	2,966,516	1,947,716	40
14,055,434	154,908	1,377,745	12,166,012	240,997	115,772	----------	28,066,168	24,433,956	3,035,894	586,913	9,405	50,158,769	22,092,601	41
1,446,747	44,378	196,248	1,106,138	26,772	1,040	72,171	3,390,312	3,231,494	53,540	105,261	17	5,957,993	2,567,681	42
2,935,508	108,842	547,167	1,899,589	379,910	----------	----------	3,215,339	3,129,594	22,130	63,315	300	8,709,299	5,493,960	43
1,975,363	317,580	230,577	1,157,498	255,330	1,426	12,952	2,616,802	2,481,720	45,104	42,597	47,381	5,648,549	3,031,747	44
404,105	26,060	36,748	333,438	7,859	----------	----------	596,783	576,278	8,047	12,458	----------	1,212,824	616,041	45
821,100	69,197	118,727	504,733	128,443	----------	----------	914,804	886,652	4,834	19,949	3,369	2,417,291	1,502,487	46
6,650,062	154,291	404,004	5,537,636	524,914	25,885	3,332	85,039,093	84,695,534	251,554	92,005	----------	112,898,108	27,859,015	47–50

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[6] For numbers of establishments and of wage earners in individual industries, see table 12.

TABLE 9.—GENERAL STATISTICS FOR THE CINCINNATI

[This table presents, for the Cincinnati Industrial Area, separate figures for each industry for which it is possible to publish such figures without disclosing exact or approxi
industries for which combined figures are given, however, reported larger numbers

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS[1]						
					Total[2]	Salaried officers of corporations[2]	Manufacturing		Distribution	Construction	Other
							Salaried employees[2]	Wage earners (average for year)[3]			
		All industries, total	1,772	1,112	109,101	1,660	11,336	87,384	7,960	453	308
1	19	Aircraft and parts, including aircraft engines	3		158	6	25	113	14		
2	15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	4	3	82	3	11	64	2	1	1
3	16	Batteries, storage and primary (dry and wet)	3	2	57		4	52	1		
4	1	Biscuit, crackers, and pretzels	7	3	555	9	54	469	18	5	
5	8	Bookbinding and related industries	18	23	324	8	25	270	21		
6	8	Books: printing without publishing	12	3	316	20	24	256	16		
7	8	Books: publishing without printing	3		165	1	142		22		
8	12	Boot and shoe cut stock and findings	7	5	246	4	17	224	1		
9	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	180	195	2,719	31	116	2,220	301	11	40
10	13	Brick and hollow structural tile	3	5	64	3	4	56	1		
11	20	Brooms	3	1	45	1	6	36	2		
12	20	Brushes	6	5	61	6	1	49	5		
13	1	Candy and other confectionery products	18	7	740	14	32	654	39		1
14	1	Canned and dried fruits and vegetables (including canned soups)	6	4	158		14	140	4		
15	4	Canvas products (except bags)	4	3	59	3	3	26	27		
16	6	Caskets, coffins, burial cases, and other morticians' goods	5	1	404	1	20	350	33		
17	1	Cheese	4	1	5	1		4			
18	9	Chemicals not elsewhere classified	12	1	1,247	12	143	1,042	41	9	
19	2	Cigars	7	2	308	9	10	266	23		
20	9	Cleaning and polishing preparations, blackings, and dressings	13	12	143	5	50	67	21		
21	7	Coated and glazed paper	4		122	3	14	92	13		
22	9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	8		117	2	13	72	30		
23	13	Concrete products	35	22	289	18	21	227	23		
24	1	Condensed and evaporated milk	4	2	47	4	5	15	23		
25	7	Converted paper products not elsewhere classified	4	1	847	4	105	684	54		
26	6	Cooperage	5	3	128	3	6	119			
27	3	Cotton narrow fabrics	3		119	7	7	98	7		
28	1	Creamery butter	12	4	259	2	33	181	41		2
29	14	Doors, window sash, frames, molding, and trim (made of metal)	3		208	7	23	153	25		
30	16	Electrical products not elsewhere classified	4	1	38	7	2	27	2		
31	15	Electroplating, plating, and polishing	7	8	129	5	12	104	7		1
32	8	Electrotyping and stereotyping, not done in printing establishments	4		299	6	17	261	15		
33	17	Elevators, escalators, and conveyors	6	4	405	13	89	264	36		3
34	14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	4	3	115	1	5	105	4		
35	8	Engraving (steel, copperplate, and wood); plate printing	5	16	38	3	1	31	3		
36	20	Fabricated plastic products, not elsewhere classified	6	1	710	8	86	605	11		
37	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	16	3	620	28	56	480	54		2
38	9	Fertilizers	5		368		28	291	47	2	
39	7	Fiber cans, tubes, and similar products	4	1	103	3	3	86	11		
40	1	Flavoring extracts and flavoring sirups, not elsewhere classified	8	5	95	6	8	60	21		
41	1	Flour and other grain-mill products	6	12	58	2	5	42	8		1
42	1	Food preparations, not elsewhere classified	15	12	309	5	33	250	21		
43	17	Food-products machinery	10		981	24	192	734	31		
44	12	Footwear (except rubber)	12	4	3,611	13	100	3,427	62	9	
45	14	Forgings, iron and steel—made in plants not operated in connection with rolling mills	6		192	16	36	137		1	2
46	8	General commercial (job) printing	130	122	2,379	78	257	1,861	183		
47	16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	10	1	1,041	8	257	690	77	6	3
48	14	Gray-iron and semisteel castings	17	5	1,283	35	98	1,133	17		
49	9	Grease and tallow (except lubricating greases)	5	4	294	8	31	234	9	12	
50	20	Hand stamps, stencils, and brands	7	13	44	1	4	28	11		
51	14	Hardware not elsewhere classified	5		142	4	17	116	5		
52	4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	7	6	105	2	2	92	8		1
53	4	Housefurnishings (except curtains, draperies, and bedspreads)	6	2	207	8	6	160	29	1	3
54	6	Household furniture, except upholstered	11	9	584	11	33	503	37		
55	1	Ice cream and ices	28	25	219	16	13	137	51		2
56	1	Ice, manufactured	23	4	331	23	22	104	151	5	26
57	12	Industrial leather belting and packing leather	3		22	5	1	12	4		
58	17	Industrial machinery, not elsewhere classified	8	2	205	14	21	142	28		
59	9	Insecticides, fungicides, and related industrial and household chemical compounds	12	1	176	15	35	105	20		1
60	15	Jewelry (precious metals)	16	19	280	11	21	200	46	1	1
61	6	Laboratory, hospital, and other professional furniture	3	2	115	3	6	102	4		
62	15	Lighting fixtures	4	1	1,285	4	101	1,159	17		4
63	8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	17	7	1,047	22	80	890	55		
64	8	Machine and hand typesetting (including advertisement typesetting)	8	4	150	6	12	122	10		
65	17	Machine-shop products, not elsewhere classified	18	14	383	22	60	291	9	1	

See footnotes at end of table.

INDUSTRIAL AREA, BY INDUSTRIES: 1939

mate data for individual establishments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the of wage earners or larger values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [3]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [3]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
163,044,483	10,858,753	23,486,210	112,224,524	15,302,052	808,291	364,653	386,912,580	369,397,626	9,138,356	4,133,721	4,242,877	702,620,018	315,707,438	
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	1
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	2
(5)	----	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	3
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	4
467,284	43,942	48,820	321,105	53,417	----	----	251,981	219,403	3,775	5,815	22,988	981,252	729,271	5
548,331	93,665	41,222	378,974	34,470	----	----	418,175	358,509	1,572	11,511	46,583	1,248,189	830,014	6
(5)	(5)	(5)	----	(5)	----	----	(5)	(5)	----	(5)	(5)	(5)	(5)	7
178,086	12,517	18,617	145,352	1,600	----	----	382,676	375,162	3,778	3,736	----	647,346	264,670	8
3,830,669	185,390	244,887	3,000,431	351,565	17,689	30,707	6,777,647	6,484,481	184,810	108,356	----	14,403,768	7,626,121	9
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	10
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	11
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	12
695,444	39,005	54,611	530,219	71,314	----	295	2,509,204	2,476,737	15,144	17,323	----	3,725,469	1,216,265	13
(5)	----	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	14
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	15
504,415	835	45,250	392,939	65,391	----	----	625,862	603,304	14,572	7,986	----	1,396,788	770,926	16
6,354	2,756	----	3,598	----	----	----	41,066	38,448	857	1,761	----	58,959	17,893	17
2,091,932	110,502	446,386	1,430,684	92,160	12,200	----	8,380,375	8,067,952	196,185	116,238	----	14,722,728	6,342,353	18
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	19
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	20
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	21
189,711	3,600	27,497	96,728	61,886	----	----	186,502	150,149	7,571	28,782	----	766,952	580,450	22
390,597	53,780	36,671	267,816	32,330	----	----	1,422,159	1,375,844	22,454	22,461	1,400	2,757,956	1,335,797	23
94,170	13,520	10,659	25,479	44,512	----	----	388,843	376,176	6,695	5,972	----	578,941	190,098	24
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	25
114,546	12,800	11,324	90,422	----	----	----	430,485	425,687	1,347	3,451	----	667,113	236,628	26
156,906	34,776	17,941	92,935	11,254	----	----	242,788	234,247	1,400	6,691	450	566,541	323,753	27
379,631	28,600	47,525	216,579	83,803	----	3,124	3,473,734	3,413,931	42,355	17,448	----	4,225,763	752,029	28
297,466	35,420	30,277	193,723	38,046	----	----	264,632	253,313	4,932	2,387	4,000	720,833	456,201	29
50,709	14,200	2,600	29,534	4,375	----	----	52,949	50,992	645	1,312	----	130,898	77,949	30
221,592	45,300	21,306	145,857	8,390	----	739	83,220	64,143	2,783	16,294	----	433,713	350,493	31
548,091	37,663	49,484	415,866	45,078	----	----	265,034	217,730	5,064	31,295	10,945	971,382	706,348	32
686,326	71,788	165,599	348,574	93,245	----	7,120	854,473	697,868	9,867	12,812	133,926	2,145,810	1,291,337	33
154,577	4,701	8,875	134,907	6,094	----	----	144,843	131,030	5,890	6,619	1,304	422,023	277,180	34
45,438	6,504	2,340	33,546	3,048	----	----	24,083	18,211	----	908	4,964	119,099	95,016	35
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	36
887,944	116,877	93,058	562,003	114,269	----	1,737	1,463,790	1,372,367	9,112	20,568	61,743	3,207,025	1,743,235	37
500,456	----	58,895	336,964	97,870	6,727	----	2,266,622	2,224,446	3,907	38,269	----	3,237,111	970,489	38
123,103	22,441	8,059	75,039	17,564	----	----	160,987	157,923	394	2,670	----	407,347	246,360	39
165,178	39,300	21,268	71,918	32,692	----	----	544,514	534,610	6,795	3,109	----	982,163	437,649	40
71,267	8,345	6,230	43,166	12,726	----	800	706,438	691,857	1,692	12,889	----	873,533	167,095	41
292,837	9,123	48,151	205,923	29,640	----	----	1,798,540	1,753,073	19,542	25,925	----	2,754,011	955,471	42
1,502,210	132,738	308,421	982,110	78,941	----	----	1,566,426	1,515,327	21,086	21,515	8,498	4,532,727	2,966,301	43
3,447,115	94,367	143,905	3,060,458	145,092	3,293	----	4,995,532	4,936,922	14,318	30,855	13,437	11,072,666	6,077,134	44
397,678	123,703	75,414	195,516	----	1,950	1,095	640,615	601,534	29,575	9,506	----	1,272,635	632,020	45
3,676,697	404,654	453,841	2,504,524	313,678	----	----	4,853,423	4,594,550	23,780	89,438	145,655	11,290,364	6,436,941	46
1,699,485	61,000	473,360	950,001	200,907	9,150	5,067	2,274,077	2,215,977	29,837	28,263	----	5,628,397	3,354,320	47
1,915,767	165,909	201,108	1,523,696	25,054	----	----	1,327,715	1,151,797	111,371	64,547	----	3,969,170	2,641,455	48
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	49
60,877	3,640	6,896	38,881	11,460	----	----	35,411	33,051	851	1,459	50	143,798	108,387	50
183,807	20,942	22,463	125,027	15,375	----	----	284,008	278,260	1,548	4,200	----	591,407	307,399	51
79,203	4,385	2,037	62,289	9,816	----	676	112,715	111,021	286	1,408	----	239,955	127,240	52
228,853	24,919	11,897	128,590	59,501	1,173	2,773	701,403	691,309	2,951	7,143	----	1,136,265	434,862	53
743,607	69,608	67,579	552,301	54,119	----	----	979,360	936,764	7,947	23,488	11,161	2,127,509	1,148,149	54
298,748	55,022	20,910	140,749	79,467	----	2,600	1,287,701	1,236,312	12,586	38,803	----	2,493,956	1,206,255	55
524,162	85,497	37,727	157,973	202,367	9,141	31,457	226,210	40,530	19,069	166,611	----	1,292,570	1,066,360	56
37,962	11,391	1,716	15,190	9,665	----	----	55,746	54,804	527	415	----	113,129	57,383	57
381,162	96,965	46,798	191,629	45,770	----	----	322,954	310,038	3,556	5,739	3,621	856,664	533,710	58
319,033	68,079	72,141	130,945	46,969	----	899	752,374	725,884	14,321	10,828	1,341	1,536,466	784,092	59
387,996	35,674	33,259	246,351	70,151	1,892	669	665,047	652,679	1,347	4,757	6,264	1,306,790	641,743	60
152,282	12,500	11,597	118,741	9,444	----	----	167,057	162,551	865	3,641	----	494,824	327,767	61
(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	62
1,696,867	200,283	162,273	1,225,536	108,775	----	----	1,543,762	1,375,161	40,946	27,447	100,208	4,420,990	2,877,228	63
283,608	32,800	18,556	209,665	22,587	----	----	42,258	19,907	862	4,805	16,684	495,530	453,272	64
670,531	118,451	118,346	422,401	9,855	1,478	----	591,480	536,453	24,136	28,712	2,179	1,586,107	994,627	65

TABLE 9.—GENERAL STATISTICS FOR THE CINCINNATI

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1]						
					Total [2]	Salaried officers of corporations [2]	Manufacturing		Distribution	Construction	Other
							Salaried employees [2]	Wage earners (average for year) [2]			
1	17	Machine-shop repairs	12	10	78	8	2	60	8		
2	17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	18	19	257	12	25	209	10		1
3	17	Machine tools	26	3	8,338	65	1,425	6,585	232	1	30
4	1	Malt liquors	16		2,050	35	139	1,224	612	25	15
5	6	Mattresses and bedsprings	8		304	11	16	248	29		
6	17	Measuring and dispensing pumps	3		252	6	46	170	30		
7	1	Meat packing, wholesale	34	37	2,109	27	167	1,624	276	4	11
8	17	Mechanical power-transmission equipment	3		316	9	70	231	[illegible]		
9	4	Men's and boys' hats and caps (except felt and straw)	3	5	57		5	38	14		
10	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	33	17	5,218	58	286	4,446	419	2	7
11	17	Metalworking machinery and equipment, not elsewhere classified	7	2	1,122	10	248	836	18	10	
12	13	Mirrors and other glass products made of purchased glass	10	7	352	14	17	284	37		
13	20	Miscellaneous fabricated products not elsewhere classified	4	2	44	2	5	35	2		
14	4	Miscellaneous fabricated textile products not elsewhere classified	3	2	39		3	32	2		2
15	20	Models and patterns (except paper patterns)	15	18	183	4	9	164	6		
16	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	11	8	93	7	11	69	4		2
17	18	Motor vehicles, motor-vehicle bodies, parts and accessories	15	9	3,485	19	291	2,979	195		1
18	8	Newspapers: publishing and printing	12	7	1,967	16	705	890	349	7	
19	8	Newspapers: publishing without printing	4	1	44		26	9	9		
20	1	Nonalcoholic beverages	20	12	577	16	14	249	289	2	7
21	15	Nonferrous-metal foundries (except aluminum)	11	6	178	10	10	151	7		
22	15	Nonferrous-metal products not elsewhere classified	11	9	1,562	25	77	1,283	175	2	
23	17	Office and store machines not elsewhere classified	3	7	175	2	30	143			
24	9	Paints, varnishes, and lacquers	21	5	556	13	77	432	34		
25	7	Paper and paperboard mills	12		4,986	41	582	4,010	214	128	11
26	7	Paper bags, except those made in paper mills	8		1,026	22	81	871	52		
27	7	Paperboard containers and boxes not elsewhere classified	19	2	2,263	32	147	1,996	80	8	
28	6	Partitions, shelving, cabinet work, and office and store fixtures	7	4	77	2	[illegible]	64	3		
29	10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	6		120	2	9	109			
30	8	Periodicals: publishing and printing	10	4	829	18	108	603	100		
31	8	Periodicals: publishing without printing	27	4	306	23	233	2	48		
32	8	Photoengraving, not done in printing establishments (including preparation of plates)	13	7	211	22	22	139	28		
33	1	Pickled fruits and vegetables and vegetable sauces and seasonings	5	12	7			7			
34	5	Planing mills not operated in conjunction with sawmills	25	15	801	26	96	616	60	2	1
35	1	Poultry dressing and packing, wholesale	7	7	34	1	2	24	7		
36	14	Power boilers and associated products	6		255	15	37	186	17		
37	1	Prepared feeds (including mineral) for animals and fowls	7	1	269	8	23	198	39	1	
38	1	Preserves, jams, jellies, and fruit butters	4	1	225	5	12	188	14	1	5
39	9	Printing ink	9	2	204	12	35	131	25	1	
40	17	Pumping equipment and air compressors	8	3	188	6	23	125	34		
41	17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	4	1	664	9	67	483	105		
42	11	Rubber products not elsewhere classified	5	5	153	4	17	98	30	4	
43	12	Saddlery, harness, and whips	3	3	25		5	15	5		
44	14	Safes and vaults	4	2	493	6	81	374	23	3	6
45	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	15	15	155	3	8	101	42		1
46	14	Screw-machine products and wood screws	4	5	80	2	11	65	2		
47	15	Sheet-metal work not specifically classified	23	11	664	27	29	539	69		
48	20	Signs, advertising displays, and advertising novelties	27	14	1,111	27	86	856	142		
49	15	Silverware and plated ware	3		106	4	2	82	18		
50	17	Special-industry machinery, not elsewhere classified	3		196	6	25	140	25		
51	20	Sporting and athletic goods not elsewhere classified	4	2	491	1	18	465	7		
52	14	Stamped and pressed metal products (except automobile stampings)	12	6	1,346	22	157	1,100	67		
53	14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	6		1,871	11	173	1,500	157	30	
54	20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	9	7	296	7	37	178	74		
55	4	Textile bags—not made in textile mills	3	2	66	1	3	58	4		
56	14	Tin cans and other tinware not elsewhere classified	6		1,113	3	53	1,012	20	25	
57	2	Tobacco (chewing and smoking) and snuff	8	5	1,167	6	66	1,085	8		2
58	6	Upholstered household furniture	9	5	315	4	18	260	25		8
59	6	Window shades	5	1	444	5	5	423	11		
60	1	Wines	3	3	30		2	16	12		
61	14	Wirework not elsewhere classified	10	2	268	8	26	226	8		
62	16	Wiring devices and supplies	4		121	12	14	89	6		
63	4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	3	5	544	2	12	505	23	2	
64	6	Wooden boxes except cigar boxes	5	1	161	1	16	133	11		
65	6	Wood products not elsewhere classified	10	6	293	9	20	259	5		
66	17	Woodworking machinery	8	4	68	7	5	43	13		

See footnotes at end of table.

INDUSTRIAL AREA, BY INDUSTRIES: 1939—Continued

Salaries and wages							Cost of materials, supplies, fuel, purchased electric energy, and contract work							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	
110,094	17,657	3,505	79,063	9,869	----------	----------	69,408	61,716	1,116	4,186	2,390	246,682	177,274	1
435,918	57,563	49,796	312,398	14,719	----------	1,442	241,980	228,185	2,823	9,742	1,230	919,300	677,320	2
16,354,255	871,015	3,468,641	11,354,034	625,137	1,426	34,002	13,253,697	12,350,526	220,886	278,439	403,846	39,159,810	25,906,113	3
3,778,383	288,773	310,943	1,907,063	1,169,393	82,113	20,098	4,414,001	4,144,960	221,847	47,194	----------	15,313,265	10,899,264	4
397,741	61,019	23,954	254,985	57,655	----------	128	1,294,812	1,285,058	4,354	5,400	----------	2,283,970	989,158	5
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	6
3,350,563	304,826	292,108	2,139,896	563,881	7,708	42,144	31,644,666	31,445,044	139,672	59,950	----------	38,133,402	6,488,736	7
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	8
47,780	----------	5,997	35,071	6,712	----------	----------	58,368	57,734	179	455	----------	172,423	114,055	9
5,946,512	407,777	556,575	4,395,722	576,684	3,500	6,254	8,275,728	7,351,925	32,978	55,120	835,705	17,088,531	8,812,803	10
1,876,463	71,186	464,252	1,297,697	32,402	10,926	----------	1,154,515	1,092,265	14,304	18,785	29,161	3,499,487	2,344,972	11
412,115	62,036	29,240	258,823	62,016	----------	----------	435,965	419,443	6,117	9,087	1,318	1,007,576	571,611	12
39,971	3,510	5,996	28,065	2,400	----------	----------	61,066	58,605	1,240	1,221	----------	129,030	67,964	13
31,710	----------	4,686	23,717	1,707	----------	1,600	53,278	51,646	394	1,238	----------	123,614	70,336	14
358,740	34,520	16,189	297,104	10,927	----------	----------	97,343	90,545	748	5,935	115	620,642	523,299	15
140,531	20,606	19,148	91,986	5,791	----------	3,000	80,724	68,581	4,727	7,416	----------	268,585	187,861	16
5,463,256	94,329	646,883	4,386,634	335,030	----------	380	31,239,719	30,955,821	131,057	152,641	200	42,428,277	11,188,558	17
3,996,786	127,287	1,462,097	1,837,704	556,877	12,821	----------	2,237,941	2,007,029	10,000	67,768	153,144	9,131,568	6,893,627	18
71,772	----------	52,397	5,565	13,810	----------	----------	57,674	138	290	526	56,720	231,801	174,127	19
877,943	51,992	37,769	306,728	472,155	3,796	5,503	1,945,458	1,904,590	17,654	23,214	----------	4,835,075	2,889,617	20
289,817	40,058	25,097	214,318	10,344	----------	----------	414,040	382,769	17,682	13,589	----------	894,955	480,915	21
2,257,350	208,892	143,308	1,529,222	371,928	4,000	----------	2,731,725	2,625,511	36,549	69,665	----------	6,900,488	4,168,763	22
(5)	(5)	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	23
871,349	127,186	163,707	519,448	61,008	----------	----------	4,893,739	4,811,754	35,849	46,136	----------	8,194,563	3,300,824	24
8,139,582	439,012	1,303,369	5,546,845	554,598	280,018	15,740	16,895,302	15,712,051	1,030,969	152,282	----------	30,201,339	13,306,037	25
1,382,630	174,355	154,965	910,006	143,304	----------	----------	4,537,627	4,487,771	19,105	30,751	----------	6,606,171	2,068,544	26
3,269,053	216,401	337,299	2,550,452	149,226	15,675	----------	8,713,046	8,485,097	87,507	52,367	88,075	14,989,146	6,276,100	27
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	28
126,663	3,900	21,527	101,236	----------	----------	----------	638,650	617,466	17,868	3,316	----------	1,177,960	539,310	29
1,478,139	124,883	248,521	965,897	138,838	----------	----------	1,020,595	881,041	20,084	18,559	100,911	4,508,094	3,487,499	30
598,273	149,205	382,014	3,280	63,774	----------	----------	1,067,579	57,239	2,623	1,742	1,005,975	3,122,760	2,055,181	31
539,187	135,843	42,818	307,256	53,270	----------	----------	106,331	83,915	778	6,677	14,961	824,155	717,824	32
6,741	----------	----------	6,741	----------	----------	----------	52,838	52,105	343	390	----------	86,706	33,868	33
927,459	94,217	151,659	584,841	89,898	2,405	4,439	1,836,934	1,779,436	32,502	24,996	----------	3,401,100	1,564,166	34
33,523	2,400	2,028	20,775	8,320	----------	----------	456,683	454,772	820	1,091	----------	548,375	91,692	35
477,804	41,250	87,380	286,430	62,744	----------	----------	376,065	353,996	3,393	18,676	----------	1,059,519	683,454	36
416,657	43,996	32,629	236,361	101,408	2,263	----------	2,405,947	2,364,483	7,913	33,551	----------	3,217,941	811,994	37
267,190	57,040	21,817	154,918	29,998	1,267	2,150	743,479	735,225	5,800	2,454	----------	1,330,830	587,351	38
414,950	58,255	109,717	195,083	51,713	182	----------	764,135	740,774	2,052	21,203	106	1,631,390	867,255	39
311,525	49,063	43,146	164,638	54,678	----------	----------	527,094	504,764	2,747	5,383	14,200	1,077,233	550,139	40
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	41
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	42
(5)	----------	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	43
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	44
196,079	8,703	16,005	112,202	57,698	----------	1,471	1,069,554	1,045,877	7,595	16,082	----------	1,445,214	375,660	45
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	46
1,187,796	257,762	84,003	680,537	165,494	----------	----------	4,706,733	4,668,332	12,678	21,155	4,568	7,043,276	2,336,543	47
1,478,486	147,437	154,540	870,329	306,180	----------	----------	1,468,740	1,418,554	18,441	25,094	6,651	3,796,532	2,327,792	48
119,995	13,800	6,043	79,191	20,961	----------	----------	48,591	41,022	2,822	4,747	----------	194,203	145,612	49
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	50
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	51
1,972,025	229,843	308,555	1,217,666	215,961	----------	----------	2,999,926	2,908,136	31,717	49,656	10,417	6,341,080	3,341,154	52
2,445,496	84,687	311,938	1,700,823	287,745	60,303	----------	2,309,560	2,159,972	71,149	78,439	----------	6,553,815	4,244,255	53
352,356	35,487	50,118	161,024	105,727	----------	----------	242,699	235,009	687	3,474	3,529	796,885	554,186	54
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	55
1,541,004	34,154	166,387	1,241,471	59,091	39,901	----------	6,640,061	6,575,178	40,150	22,956	1,777	10,231,697	3,591,636	56
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	57
394,563	7,800	43,821	273,320	60,022	----------	9,600	577,178	565,013	5,510	5,077	1,578	1,193,229	616,051	58
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	59
(5)	----------	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	60
293,832	28,224	44,850	208,316	12,442	----------	----------	527,586	501,046	4,599	8,951	12,990	1,097,469	569,883	61
230,448	69,905	24,887	123,135	12,521	----------	----------	314,978	307,226	2,601	5,151	----------	752,630	437,652	62
557,959	30,400	18,588	434,725	68,980	2,860	2,406	1,073,539	1,063,315	3,385	6,839	----------	1,787,740	714,201	63
212,355	6,615	30,958	132,754	42,028	----------	----------	315,613	281,921	5,539	6,119	22,034	695,548	379,935	64
329,933	37,555	46,011	238,719	7,648	----------	----------	533,057	514,582	2,388	13,303	2,784	1,074,446	541,389	65
108,797	19,670	7,593	58,203	23,331	----------	----------	176,713	136,226	1,744	2,109	36,634	391,937	215,224	66

TABLE 9.—GENERAL STATISTICS FOR THE CINCINNATI

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
1		Other industries [6]	395	227	37,094	378	3,695	30,581	2,167	156	117
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]									
2	1	Food and kindred products	36	16	1,869	24	210	1,487	141	7	-------
3	3	Textile-mill products and other fiber manufactures	16	13	1,009	28	66	851	60	-------	4
4	4	Apparel and other finished products made from fabrics and similar materials	59	49	3,304	37	90	2,982	179	6	10
5	6	Furniture and finished lumber products	24	10	1,577	15	43	1,467	43	8	1
6	7	Paper and allied products	12	5	1,247	7	125	1,037	76	2	-------
7	8	Printing, publishing, and allied industries	7	-------	1,278	3	257	976	42	-------	-------
8	9	Chemicals and allied products	51	24	3,814	47	771	2,491	484	17	4
9	10	Products of petroleum and coal	5	-------	956	-------	71	885	-------	-------	-------
10	12	Leather and leather products	12	10	717	8	34	649	[illegible]	-------	-------
11	13	Stone, clay, and glass products	14	16	1,067	9	59	976	23	-------	-------
12	14	Iron and steel and their products, except machinery	33	18	9,195	45	822	7,864	307	100	57
13	15	Nonferrous metals and their products	24	16	2,328	23	220	1,906	135	7	37
14	16	Electrical machinery	11	2	1,499	17	126	1,091	265	-------	-------
15	17	Machinery (except electrical)	30	17	2,820	52	451	2,088	225	2	2
16	20	Miscellaneous industries	38	19	2,628	38	232	2,269	86	3	-------
17	2	Tobacco manufactures	15	7	1,475	15	76	1,351	31	-------	2
	11	Rubber products	5	5	153	4	17	98	30	4	-------
	19	Transportation equipment except automobiles	3	-------	158	6	25	113	14	-------	-------

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.
[2] Figures do not include data for personnel of central-administrative offices.
[3] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

INDUSTRIAL AREA, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
53, 744, 224	2, 536, 782	7, 592, 940	38, 809, 253	4, 468, 277	212, 434	124, 538	161, 523, 004	153, 323, 813	5, 857, 478	1, 507, 256	834, 457	274, 103, 922	112, 580, 918	1
2, 620, 520	115, 558	421, 009	1, 800, 973	266, 540	16, 440	----------	17, 057, 096	16, 639, 844	354, 249	63, 003	----------	26, 938, 932	9, 881, 836	2
1, 296, 791	181, 073	125, 236	897, 231	89, 601	----------	3, 650	3, 021, 378	2, 902, 148	80, 502	38, 728	----------	6, 384, 690	3, 363, 312	3
2, 834, 779	209, 942	171, 437	2, 104, 856	334, 387	6, 553	7, 604	5, 467, 899	5, 400, 348	13, 212	27, 617	26, 722	10, 767, 335	5, 299, 436	4
1, 920, 591	71, 138	81, 541	1, 686, 126	68, 556	12, 450	780	3, 760, 982	3, 664, 824	46, 277	49, 298	583	7, 769, 002	4, 008, 020	5
1, 735, 152	18, 351	277, 189	1, 242, 576	194, 336	2, 700	----------	5, 679, 361	5, 611, 883	44, 397	23, 081	----------	10, 500, 467	4, 821, 106	6
1, 535, 488	14, 700	443, 520	1, 026, 955	50, 313	----------	----------	2, 016, 579	1, 280, 131	10, 634	14, 583	711, 231	6, 215, 699	4, 199, 120	7
6, 570, 687	345, 074	1, 470, 181	3, 604, 799	1, 118, 181	29, 552	2, 900	28, 600, 976	28, 028, 576	514, 223	49, 960	8, 217	46, 199, 751	17, 598, 775	8
1, 463, 207	----------	188, 311	1, 274, 896	----------	----------	----------	22, 769, 860	21, 738, 167	914, 514	117, 179	----------	27, 490, 010	4, 720, 150	9
973, 115	67, 996	77, 454	784, 232	43, 433	----------	----------	3, 605, 547	3, 557, 337	42, 610	4, 025	1, 575	4, 965, 650	1, 360, 103	10
1, 349, 280	34, 624	105, 019	1, 161, 800	47, 837	----------	----------	1, 658, 274	1, 504, 850	126, 942	26, 482	----------	5, 373, 302	3, 715, 028	11
16, 001, 588	346, 029	2, 040, 479	12, 816, 556	616, 930	121, 071	60, 523	27, 996, 246	23, 786, 770	3, 446, 545	729, 901	33, 030	53, 242, 556	25, 246, 310	12
3, 479, 064	235, 359	405, 793	2, 363, 162	416, 602	10, 657	47, 491	10, 663, 458	10, 501, 150	62, 942	95, 910	3, 456	18, 572, 749	7, 909, 291	13
1, 995, 990	149, 883	258, 039	1, 157, 035	431, 033	----------	----------	4, 755, 511	4, 690, 591	22, 488	32, 330	10, 102	8, 245, 910	3, 490, 399	14
4, 532, 875	412, 339	863, 317	2, 795, 257	457, 952	2, 600	1, 410	6, 025, 775	5, 781, 562	79, 856	126, 773	37, 584	14, 321, 997	8, 296, 222	15
3, 522, 450	196, 751	440, 291	2, 680, 544	199, 380	5, 484	----------	5, 332, 888	5, 199, 578	57, 932	75, 321	57	11, 490, 574	6, 157, 686	16
1, 912, 647	137, 965	224, 124	1, 412, 255	133, 196	4, 927	180	13, 111, 174	13, 036, 054	40, 155	33, 065	1, 900	15, 625, 298	2, 514, 124	17

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[6] For numbers of establishments and of wage earners in individual industries, see table 12.

TABLE 10.—GENERAL STATISTICS FOR LOUISVILLE, BY INDUSTRIES: 1939

[This table presents separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures are given, however, reported larger numbers of wage earners or larger values of products than some of those shown separately. No data for nonmanufacturing personnel, except salaried officers of corporations, are included in this table]

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
		LOUISVILLE										
	All industries, total	550	213	702	3,390	29,502	$3,700,923	$6,032,602	$30,374,685	$181,222,827	$285,703,542	$104,480,715
16	Batteries, storage and primary (dry and wet)	4	1	3	7	78	(4)	(4)	(4)	(4)	(4)	(4)
8	Bookbinding and related industries	3	5	.....	1	18	.....	1,352	18,501	8,179	43,289	35,110
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	49	42	9	59	1,104	63,576	112,973	1,293,835	3,242,838	6,500,340	3,257,502
20	Brooms	5	1	6	4	145	14,160	5,280	84,829	186,175	335,652	149,477
1	Candy and other confectionery products	5	4	5	11	211	(4)	(4)	(4)	(4)	(4)	(4)
13	Concrete products	6	1	9	7	87	31,445	11,872	73,951	566,703	906,561	339,858
1	Condensed and evaporated milk	3	.....	2	6	59	(4)	(4)	(4)	(4)	(4)	(4)
6	Cooperage	4	.....	3	19	575	(4)	(4)	(4)	(4)	(4)	(4)
1	Creamery butter	10	4	2	47	160	8,333	83,877	148,562	3,387,807	4,059,930	672,123
9	Drugs and medicines (including drug grinding) [5]	9	7	9	54	66	49,115	56,524	52,532	250,502	1,349,697	1,099,195
17	Elevators, escalators, and conveyors	5	.	8	27	262	47,292	36,292	334,218	722,744	1,300,837	578,093
8	Engraving (steel, copperplate, and wood); plate printing	9	4	9	14	83	26,140	10,592	66,496	99,467	294,096	194,629
9	Fertilizers	3	.....	4	14	134	23,582	24,691	76,727	1,001,061	1,572,078	571,017
1	Flour and other grain-mill products	3	.....	1	23	221	(4)	(4)	(4)	(4)	(4)	(4)
1	Food preparations, not elsewhere classified	11	5	4	14	125	17,549	19,348	109,080	757,088	1,270,171	513,083
8	General commercial (job) printing	35	16	51	111	884	152,736	190,243	982,784	1,590,514	3,536,235	1,945,721
14	Gray-iron and semisteel castings	5	..	9	17	203	24,662	32,447	184,515	238,883	550,012	311,129
6	Household furniture, except upholstered	16	6	27	194	2,528	132,813	283,776	2,439,088	3,782,638	8,191,528	4,408,890
1	Ice cream and ices	7	2	8	6	38	34,011	12,081	34,837	195,897	471,637	275,740
1	Ice, manufactured	13	2	10	21	77	45,000	32,323	85,551	123,115	865,738	742,623
1	Liquors, distilled	5		14	104	245	88,525	158,000	281,901	1,756,246	3,462,923	1,706,677
8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers) [6]	5	1	10	48	281	52,564	94,472	339,058	398,413	1,229,087	830,674
8	Machine and hand typesetting (including advertisement typesetting)	3	6	.....	1	19	.....	702	23,314	3,599	67,198	63,599
17	Machine-shop products, not elsewhere classified	6	.	14	196	872	160,360	282,846	1,004,910	2,174,304	6,601,856	4,427,552
17	Machine-shop repairs	6	7	4	10	62	7,200	17,526	89,749	57,439	207,327	149,888
1	Malt liquors	5	.....	18	68	591	139,217	135,553	769,359	1,338,634	4,884,729	3,546,095
6	Mattresses and bedsprings [7]	7	2	11	16	246	38,240	21,829	189,730	602,668	1,166,743	564,075
1	Meat packing, wholesale	8	4	17	84	716	96,412	163,893	750,276	12,216,779	14,620,325	2,403,546
4	Men's and boys' hats and caps (except felt and straw)	3	1	4	2	59	(4)	(4)	(4)	(4)	(4)	(4)
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	4	1	6	11	224	19,500	16,806	168,465	257,093	556,854	299,761
13	Mirrors and other glass products made of purchased glass	3	.	8	7	58	(4)	(4)	(4)	(4)	(4)	(4)
13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	4	.	9	6	52	25,548	11,640	70,905	94,481	256,264	161,783
1	Nonalcoholic beverages	9	5	8	29	129	45,282	44,523	115,546	1,036,722	2,670,928	1,634,206
9	Paints, varnishes, and lacquers [8]	24	.	42	96	484	299,342	195,998	657,445	5,241,141	9,218,013	3,976,872
7	Paperboard containers and boxes not elsewhere classified	6	.	6	29	227	74,512	61,391	218,604	953,558	1,722,532	768,974
8	Periodicals, publishing and printing	7	1	8	33	65	31,812	55,471	78,265	55,002	329,536	274,534
8	Periodicals: publishing without printing	6	2	2	15	.....	10,400	17,260	.	105,602	248,807	143,205
8	Photoengraving, not done in printing establishments (including preparation of plates)	4	....	7	6	36	17,435	9,890	51,471	23,330	139,224	115,894
1	Pickled fruits and vegetables and vegetable sauces and seasonings	5	2	6	39	166	22,160	58,051	130,549	923,784	1,456,814	533,030
5	Planing mills not operated in conjunction with sawmills	16	3	36	40	588	156,153	43,923	575,547	1,204,627	2,604,489	1,399,862
1	Poultry dressing and packing, wholesale	3	2	1	4	52	(4)	(4)	(4)	(4)	(4)	(4)
1	Prepared feeds (including mineral) for animals and fowls	3	2	2	5	64	(4)	(4)	(4)	(4)	(4)	(4)
17	Printing-trades machinery and equipment	3		6	17	73	(4)	(4)	(4)	(4)	(4)	(4)
12	Saddlery, harness, and whips	6	4	4	7	71	16,500	9,405	72,636	226,116	420,578	194,462
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	4	.	4	2	44	(4)	(4)	(4)	(4)	(4)	(4)
5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	7	....	21	85	576	140,269	117,928	511,986	1,131,041	2,491,046	1,360,005
20	Signs, advertising displays, and advertising novelties	4	2	.	4	33		8,370	43,355	42,712	125,073	82,361

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR LOUISVILLE, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
		LOUISVILLE—Continued										
13	Statuary and art goods (except stone and concrete)—factory production	3	1	4	-------	15	$5,812	-------	$15,929	$16,704	$51,503	$34,799
14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	4	-------	13	57	471	134,616	$112,320	441,669	1,035,154	2,633,477	1,598,323
2	Tobacco (chewing and smoking) and snuff	4	-------	7	85	738	(4)	(4)	(4)	(4)	(4)	(4)
6	Wood products not elsewhere classified	3	3	-------	7	106	-------	(4)	(4)	(4)	(i)	(4)
	Other industries [5]	218	81	280	1,821	17,494	1,459,400	3,487,484	17,893,161	134,651,445	198,066,413	63,414,968
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	33	13	35	118	1,470	175,235	215,768	1,332,799	18,802,672	24,065,837	5,263,165
2	Tobacco manufactures	11	4	16	181	4,318	154,581	408,601	4,132,027	68,332,875	91,362,200	23,029,325
3	Textile-mill products and other fiber manufactures	8	-------	11	61	1,390	65,036	108,132	1,077,813	3,164,620	5,656,051	2,491,431
4	Apparel and other finished products made from fabrics and similar materials	15	5	29	66	934	95,846	97,426	662,654	1,898,513	3,321,548	1,423,035
6	Furniture and finished lumber products	24	10	13	64	1,017	72,412	129,447	910,699	3,364,383	5,453,605	2,089,222
8	Printing, publishing, and allied industries	10	2	15	578	548	160,039	1,120,009	1,037,375	1,705,608	5,900,097	4,194,489
9	Chemicals and allied products	10	2	3	51	224	30,350	115,544	222,106	1,664,529	2,972,080	1,307,551
13	Stone, clay, and glass products	11	-------	24	60	450	134,411	115,121	431,915	574,801	2,046,246	1,471,445
14	Iron and steel and their products, except machinery	17	4	36	300	3,895	132,366	534,300	4,242,980	5,453,842	14,570,107	9,116,265
15	Nonferrous metals and their products	19	23	12	38	323	31,340	67,127	339,445	1,562,375	2,687,637	1,125,262
16	Electrical machinery	7	1	8	9	90	20,242	14,927	84,209	398,864	638,844	239,980
17	Machinery (except electrical)	20	2	37	111	727	174,546	173,313	797,345	2,064,430	4,211,065	2,146,635
20	Miscellaneous industries	15	10	13	67	498	68,766	110,972	477,825	851,903	2,290,796	1,438,893
10	Products of petroleum and coal	4	-------	11	33	125						
12	Leather and leather products	3	2	4	1	60						
18	Automobiles and automobile equipment	6	2	7	75	1,230	144,230	276,797	2,143,969	24,812,030	32,890,300	8,078,270
5	Lumber and timber basic products	2										
7	Paper and allied products	2	1	6	8	195						
11	Rubber products	1										

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] Figures do not include data for personnel of central-administrative offices.
[2] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.
[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[4] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[5] For numbers of establishments and of wage earners in individual industries, see table 12.

[a], [b], and [d] To avoid disclosing exact or approximate data for individual establishments, the data for certain establishments located outside Louisville have been included in the figures for the industries to which these footnotes are indexed. Data for these establishments are not, however, included in the totals for the city.
[a] 1 establishment. [b] 2 establishments. [d] 4 establishments.

TABLE 11.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939

COUNTY	Total	INDUSTRY GROUP 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
The State	1,640	644	20	23	51	188	82	11	246	56	16	2	20	83	45	29	12	65	6	3	38
Adair	9	3	------	------	------	5	------	------	1	------	------	------	------	------	------	------	------	------	------	------	------
Allen	6	1	------	------	1	1	1	------	1	1	------	------	------	------	------	------	------	------	------	------	------
Anderson	9	7	------	1	------	------	------	------	1	------	------	------	------	------	------	------	------	------	------	------	------
Ballard	4	2	------	------	------	1	------	------	1	------	------	------	------	------	------	------	------	------	------	------	------
Barren	18	9	------	------	1	4	1	------	3	------	------	------	------	------	------	------	------	------	------	------	------
Bath	3	1	------	------	------	1	------	------	1	------	------	------	------	------	------	------	------	------	------	------	------
Bell	18	8	------	1	1	2	------	------	4	------	------	------	1	------	------	------	------	1	------	------	------
Boone	3	1	------	------	------	------	------	------	2	------	------	------	------	------	------	------	------	------	------	------	------
Bourbon	5	3	------	------	------	------	------	------	2	------	------	------	------	------	------	------	------	------	------	------	------
Boyd	31	10	------	------	------	2	------	------	4	1	2	1	2	4	3	1	------	1	------	------	------
Boyle	12	8	------	------	1	------	1	------	2	------	------	------	------	------	------	------	------	------	------	------	------
Bracken	4	2	------	------	------	------	------	------	------	------	------	------	1	------	1	------	------	------	------	------	------
Breckinridge	12	4	------	------	5	------	------	------	2	------	------	------	------	1	------	------	------	------	------	------	------
Bullitt	1	1	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
Caldwell	9	4	------	1	1	1	------	------	2	------	------	------	------	------	------	------	------	------	------	------	------
Calloway	9	5	------	1	------	1	------	------	2	------	------	------	------	------	------	------	------	------	------	------	------
Campbell	37	16	------	------	2	1	1	1	4	1	------	------	------	4	2	2	------	------	------	------	3
Carlisle	2	1	------	------	------	------	------	------	1	------	------	------	------	------	------	------	------	------	------	------	------
Carroll	6	3	------	------	------	1	1	------	1	------	------	------	------	------	------	------	------	------	------	------	------
Carter	8	1	------	------	------	2	------	------	------	------	------	------	------	5	------	------	------	------	------	------	------

TABLE 11.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939—Continued

COUNTY	Total	INDUSTRY GROUP																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Casey	3					3															
Christian	24	12			3	5			1					1				1			1
Clark	11	4			1	2			1									3			
Clay	2					2															
Clinton	1	1																			
Crittenden	4	2							1					1							
Cumberland	7					6								1							
Daviess	58	21	2			7	3		6	1			1	5	2		2	6		1	1
Edmonson	1	1																			
Estill	6	1			1	2			1		1										
Fayette	58	27	1		2	1	4		15	1	1			4							
Fleming	6	4							2												
Floyd	5					4			1												
Franklin	17	6		1	1	2	1		2				1					2			1
Fulton	13	7			1	2			3												
Gallatin	1						1														
Garrard	3	2							1												
Grant	2	1							1												
Graves	17	10			2		2		2					1							
Grayson	6	5							1												
Green	7	3				3			1												
Greenup	7	1					1		2	2				1							
Hancock	1	1																			
Hardin	12	6			1				2		1			2							
Harlan	17	8				7			2												
Harrison	8	6							2												
Hart	6	4							2												
Henderson	25	8		1	1	5	5		2	1	1			1							
Henry	2	1							1												
Hickman	4	3							1												
Hopkins	20	11				2			5					1				1			
Jefferson	584	169	11	8	19	26	47	8	83	44	6	1	9	28	27	23	7	37	6		25
Jessamine	5	3							1					1							
Johnson	4	3							1												
Kenton	80	28	2	1	1	3	5	2	8	3	2			5	7	2	3	5			3
Knox	7	1				3	1		1					1							
Larue	7	4				1			2												
Laurel	9	2				6										1					
Lawrence	5	2				1			1												1
Lee	1								1												
Leslie	2					2															
Letcher	12	6				5			1												
Lewis	4					2			1				1								
Lincoln	6	5							1												
Logan	14	7		1		4			1				1								
Lyon	2	1											1								
Madison	7	4			2				1												
Marion	10	7				1			2												
Marshall	4	2		1					1												
Martin	1					1															
Mason	13	5		1					2					2	1			1		1	
McCracken	45	13	1	3	1	4	3		7				2	4	2			3		1	1
McCreary	4					4															
McLean	4	1				1	2														
Meade	3	1		1					1												
Menifee	1					1															
Mercer	7	6							1												
Metcalfe	1	1																			
Monroe	5	2				3															
Montgomery	9	6			1				2												
Morgan	1	1																			
Muhlenberg	11	6	1			1			2		1										
Nelson	13	11				1			1												
Nicholas	3	2							1												
Ohio	7	3							3									1			
Oldham	1								1												
Owen	1	1																			
Pendleton	3	2							1												
Perry	8	5				2			1												
Pike	13	4				8			1												
Powell	4					3								1							
Pulaski	16	10				3			2		1										
Rockcastle	2	1												1							
Rowan	8	2				1								5							
Russell	1	1																			
Scott	7	5							2												
Shelby	8	4			1				2					1							
Simpson	8	4			1	1			1									1			
Spencer	2	2																			
Taylor	11	4				5			2												
Todd	11	5		1		4	1														
Trigg	5	2				2			1												
Union	6	3							2					1							
Warren	26	16	2			1	1		4									2			
Washington	3	2							1												
Wayne	10	4				5			1												
Webster	9	7							2												
Whitley	19	7				8			3					1							
Woodford	7	5							1	1											

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE CINCINNATI INDUSTRIAL AREA, AND FOR LOUISVILLE: 1939

[In order to avoid disclosing data for individual establishments, wage-earner figures for industries represented by fewer than three establishments are withheld]

Group No.[1]	TITLE	Number of establishments	Wage earners
	STATE OF KENTUCKY		
1	Biscuit, crackers, and pretzels	2	
	Cooking and other edible fats and oils, not elsewhere classified	1	
	Flavoring extracts and flavoring sirups, not elsewhere classified	2	
	Macaroni, spaghetti, vermicelli, and noodles	1	
	Salad dressings	1	
	Vinegar and cider	1	
2	Cigarettes	3	
	Cigars	4	
3	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	2	
	Cordage and twine	3	450
	Cotton broad woven goods	1	
	Cotton narrow fabrics	2	
	Cotton thread	1	
	Cotton yarn	1	
	Dyeing and finishing cotton, rayon, silk, and linen textiles	2	
	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	1	
	Rayon narrow fabrics	1	
	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	1	
4	Canvas products (except bags)	2	
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	1	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	2	
	Men's and boys' hats and caps (except felt and straw)	3	59
	Men's and boys' shirts (except work shirts), collars and nightwear—made in inside factories or by jobbers engaging contractors	1	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	1	
	Men's and boys' underwear—made in inside factories or by jobbers engaging contractors	1	
	Men's neckwear—made in inside factories or by jobbers engaging contractors	2	
	Robes, lounging garments, and dressing gowns	1	
	Textile bags—not made in textile mills	2	
	Work gloves and mittens: cloth, cloth and leather combined	2	
	Work shirts	2	
5	Logging camps and logging contractors (not operating sawmills)	5	
	Plywood mills	2	
6	Baskets for fruits and vegetables	1	
	Cigar boxes: wooden, part wooden	1	
	Partitions, shelving, cabinet work, and office and store fixtures	1	
	Public-building furniture	1	
	Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets	1	
	Window and door screens and weather strip	3	77
	Window shades	2	
7	Converted paper products not elsewhere classified	1	
	Envelopes	2	
	Fiber cans, tubes, and similar products	1	
	Paper bags, except those made in paper mills	1	
8	Books: printing without publishing	2	
	Books: publishing without printing	1	
	Electrotyping and stereotyping, not done in printing establishments	2	
	Gravure, rotogravure, and rotary photogravure (including preparation of plates)	2	
	Newspapers: publishing without printing	3	1
9	Chemicals not elsewhere classified	2	
	Colors and pigments	1	
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	5	65
	Grease and tallow (except lubricating greases)	2	
	Insecticides, fungicides, and related industrial and household chemical compounds	4	55
	Perfumes, cosmetics, and other toilet preparations	2	
	Soybean oil, cake, and meal	1	
10	Oven coke and coke-oven byproducts	1	
	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	1	
11	Rubber products not elsewhere classified	2	
12	Boot and shoe cut stock and findings	2	
	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	3	295
	Suitcases, brief cases, bags, trunks, and other luggage	2	
	STATE OF KENTUCKY—Continued		
13	Abrasive wheels, stone, paper, cloth, and related products	1	
	Cement	1	
	Clay products (except pottery) not elsewhere classified	3	70
	Floor and wall tile (except quarry tile)	1	
	Gypsum products	1	
	Lime	1	
	Minerals and earths, ground or otherwise treated	2	
	Mineral wool	1	
	Mirrors and other glass products made of purchased glass	3	58
	Pottery products not elsewhere classified	1	
	Steam and other packing; pipe and boiler covering	1	
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	2	
14	Automobile stampings	1	
	Blast-furnace products	1	
	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	1	
	Doors, window sash, frames, molding, and trim (made of metal)	1	
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semi-vitreous china sanitary ware)	1	
	Enameling, japanning, and lacquering	1	
	Forgings, iron and steel—made in plants not operated in connection with rolling mills	2	
	Stamped and pressed metal products (except automobile stampings)	2	
	Steel works and rolling mills	3	4,974
	Tin cans and other tinware not elsewhere classified	2	
	Wirework not elsewhere classified	1	
15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	4	282
	Electroplating, plating, and polishing	1	
	Engraving on metal (except for printing purposes)	1	
	Jewelry (precious metals)	2	
	Lighting fixtures	2	
	Nonferrous-metal products not elsewhere classified	2	
	Tin and other foils (except gold and silver foil)	2	
	Watchcases	1	
16	Batteries, storage and primary (dry and wet)	4	78
	Electrical products not elsewhere classified	1	
	Electric lamps	1	
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	3	184
	Radios, radio tubes, and phonographs	1	
	Wiring devices and supplies	1	
	X-ray and therapeutic apparatus and electronic tubes	1	
17	Agricultural machinery (except tractors)	4	410
	Cars and trucks, industrial	1	
	Commercial laundry, dry-cleaning, and pressing machinery	1	
	Food-products machinery	3	34
	Machine tools	2	
	Measuring and dispensing pumps	1	
	Mechanical power-transmission equipment	1	
	Metalworking machinery and equipment, not elsewhere classified	1	
	Mining machinery and equipment	1	
	Oil-field machinery and tools	1	
	Printing-trades machinery and equipment	3	73
	Pumping equipment and air compressors	2	
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	1	
	Scales and balances	1	
	Special-industry machinery, not elsewhere classified	1	
	Textile machinery	1	
	Woodworking machinery	2	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	6	
19	Motorcycles, bicycles, and parts	1	
	Shipbuilding and ship repairing	1	
	Transportation equipment not elsewhere classified	1	
20	Beauty-shop and barber-shop equipment	3	27
	Brushes	1	
	Buttons	1	
	Dental equipment and supplies	1	
	Furs, dressed and dyed	1	
	Games and toys (except dolls and children's vehicles)	1	
	Hand stamps, stencils, and brands	1	
	Jewelry cases and instrument cases	2	
	Models and patterns (except paper patterns)	2	
	Organs	1	
	Sporting and athletic goods not elsewhere classified	2	

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE CINCINNATI INDUSTRIAL AREA, AND FOR LOUISVILLE: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	CINCINNATI INDUSTRIAL AREA		
1	Baking powder, yeast, and other leavening compounds	1	
	Biscuit, crackers, and pretzels	7	469
	Canned and dried fruits and vegetables (including canned soups)	6	140
	Chewing gum	1	
	Cooking and other edible fats and oils, not elsewhere classified	1	
	Liquors, distilled	2	
	Liquors, rectified or blended	6	
	Macaroni, spaghetti, vermicelli, and noodles	1	
	Oleomargarine—not made in meat-packing establishments	2	
	Salad dressings	1	
	Sausage casings—not made in meat-packing establishments	2	
	Special dairy products	1	
	Vinegar and cider	2	
	Wines	3	16
2	Cigars	7	266
	Tobacco (chewing and smoking) and snuff	8	1,085
3	Batting, padding, and wadding; upholstery filling	2	
	Cloth sponging and miscellaneous special finishing	5	
	Cotton thread	2	
	Dyeing and finishing cotton, rayon, silk, and linen textiles	1	
	Hosiery, seamless	1	
	Knitted cloth	1	
	Linoleum, asphalted-felt-base and other hard-surface floor coverings, not elsewhere classified	1	
	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	2	
	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	1	
4	Belts (apparel), regardless of material	1	
	Canvas products (except bags)	4	26
	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	6	
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	2	
	Embroideries, other than Schiffli-machine products—contract factories	2	
	Embroideries, other than Schiffli-machine products—made in regular factories or by jobbers engaging contractors	2	
	Fur coats and other fur garments, accessories, and trimmings	2	
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	6	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	21	
	Men's neckwear—made in inside factories or by jobbers engaging contractors	3	
	Millinery	2	
	Suspenders, garters, and other goods made from purchased elastic material	1	
	Textile bags not made in textile mills	3	58
	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	2	
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	2	
6	Cigar boxes: wooden, part wooden	2	
	Lasts and related products	1	
	Matches	1	
	Mirror frames and picture frames	1	
	Office furniture	1	
	Partitions, shelving, cabinet work, and office and store fixtures	7	64
	Venetian blinds	2	
	Window and door screens and weather strip	2	
	Window shades	5	423
	Wood preserving	2	
7	Coated and glazed paper	4	92
	Converted paper products not elsewhere classified	4	684
	Die-cut paper and paperboard, and converted cardboard	2	
	Envelopes	2	
8	Books: publishing and printing	2	
	Books: publishing without printing	3	
	Greeting cards (except hand-painted)	2	
9	Cleaning and polishing preparations, blackings, and dressings	13	67
	Coal-tar products, crude and intermediate	1	
	Colors and pigments	1	
	Drugs and medicines (including drug grinding)	13	
	Fireworks	1	
	Grease and tallow (except lubricating greases)	5	234
	Lubricating oils and greases—not made in petroleum refineries	2	
	Mucilage, paste, and other adhesives, except glue and rubber cement	2	
	CINCINNATI INDUSTRIAL AREA—Continued		
9	Perfumes, cosmetics, and other toilet preparations	3	
	Soap and glycerin	9	
	Soybean oil, cake, and meal	1	
10	Fuel briquets	1	
	Oven coke and coke-oven byproducts	1	
	Petroleum refining	2	
	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	1	
11	Rubber products not elsewhere classified	5	98
12	Leather goods not elsewhere classified	3	
	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	2	
	Saddlery, harness, and whips	3	15
	Suitcases, brief cases, bags, trunks, and other luggage	4	
13	Abrasive wheels, stones, paper, cloth, and related products	2	
	Asbestos products (except steam packing and pipe and boiler covering)	1	
	Brick and hollow structural tile	3	56
	Clay refractories, including refractory cement (clay)	1	
	Floor and wall tile (except quarry tile)	2	
	Pottery products not elsewhere classified	1	
	Statuary and art goods (except stone and concrete)—factory production	1	
	Steam and other packing; pipe and boiler covering	2	
	Vitreous-china plumbing fixtures	1	
14	Automobile stampings	1	
	Blast-furnace products	1	
	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	1	
	Cast-iron pipe and fittings	1	
	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	1	
	Enameling, japanning, and lacquering	3	
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	1	
	Heating and cooking apparatus, except electric, not elsewhere classified	2	
	Malleable-iron castings	2	
	Safes and vaults	4	374
	Saws	2	
	Screw-machine products and wood screws	4	65
	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	1	
	Steam fittings, regardless of material	2	
	Steel barrels, kegs, and drums	1	
	Steel castings	2	
	Steel works and rolling mills	2	
	Tools (except edge tools, machine tools, files, and saws)	2	
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	2	
	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	4	64
	Clocks, watches, and materials and parts (except watchcases)	3	
	Engraving on metal (except for printing purposes)	2	
	Lapidary work	1	
	Lighting fixtures	4	1,159
	Secondary smelting and refining, gold, silver, and platinum	2	
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	3	
	Tin and other foils (except gold and silver foil)	1	
	Watchcases	2	
16	Batteries, storage and primary (dry and wet)	3	52
	Electrical appliances	2	
	Electrical measuring instruments	1	
	Radios, radio tubes, and phonographs	2	
	X-ray and therapeutic apparatus and electronic tubes	3	
17	Cars and trucks, industrial	2	
	Commercial laundry, dry-cleaning, and pressing machinery	1	
	Construction and similar machinery (except mining and oil-field machinery and tools)	2	
	Laundry equipment, domestic	1	
	Measuring and dispensing pumps	3	170
	Mechanical power-transmission equipment	3	231
	Mining machinery and equipment	1	
	Office and store machines not elsewhere classified	3	143
	Paper-mill, pulp-mill, and paper-products machinery	2	
	Printing-trades machinery and equipment	4	
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	4	483
	Special-industry machinery, not elsewhere classified	3	140
	Stokers, mechanical, domestic and industrial	1	
19	Aircraft and parts, including aircraft engines	3	113
20	Artists' materials	2	
	Beauty-shop and barber-shop equipment	2	
	Brooms	3	36
	Brushes	6	49

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE CINCINNATI INDUSTRIAL AREA, AND FOR LOUISVILLE: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	CINCINNATI INDUSTRIAL AREA—Continued		
20	Carbon paper and inked ribbons	2	
	Children's vehicles	1	
	Costume jewelry and costume novelties (jewelry other than fine jewelry)	1	
	Dental equipment and supplies	1	
	Fabricated plastic products, not elsewhere classified	6	605
	Fire extinguishers, chemical	2	
	Games and toys (except dolls and children's vehicles)	1	
	Hair work	1	
	Jewelry cases and instrument cases	1	
	Ophthalmic goods: lenses and fittings	1	
	Pens, mechanical pencils, and pen points	2	
	Pianos	1	
	Professional and scientific instruments (except surgical and dental)	1	
	Sporting and athletic goods not elsewhere classified	4	465
	CITY OF LOUISVILLE		
1	Biscuit, crackers, and pretzels	2	
	Candy and other confectionery products	5	211
	Condensed and evaporated milk	3	59
	Cooking and other edible fats and oils, not elsewhere classified	1	
	Flavoring extracts and flavoring sirups, not elsewhere classified	2	
	Flour and other grain-mill products	3	221
	Liquors, rectified or blended	2	
	Macaroni, spaghetti, vermicelli, and noodles	1	
	Poultry dressing and packing, wholesale	3	52
	Prepared feeds (including mineral) for animals and fowls	3	64
	Preserves, jams, jellies, and fruit butters	2	
	Salad dressings	1	
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	4	44
	Vinegar and cider	1	
2	Cigarettes	3	
	Cigars	4	
	Tobacco (chewing and smoking) and snuff	4	738
3	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	2	
	Cordage and twine	1	
	Cotton broad woven goods	1	
	Cotton narrow fabrics	1	
	Dyeing and finishing cotton, rayon, silk, and linen textiles	1	
	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	1	
	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	1	
4	Canvas products (except bags)	1	
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	1	
	Housefurnishings (except curtains, draperies, and bedspreads)	2	
	Men's and boys' hats and caps (except felt and straw)	3	59
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	1	
	Men's neckwear—made in inside factories or by jobbers engaging contractors	2	
	Miscellaneous fabricated textile products not elsewhere classified	1	
	Textile bags—not made in textile mills	2	
	Trousers (semidress), wash suits, and washable service apparel	2	
5	Plywood mills	2	
6	Baskets for fruits and vegetables	1	
	Caskets, coffins, burial cases, and other morticians' goods	4	
	Cigar boxes: wooden, part wooden	1	
	Cooperage	4	575
	Partitions, shelving, cabinet work, and office and store fixtures	1	
	Public-building furniture	1	
	Upholstered household furniture	3	
	Window and door screens and weather strip	2	
	Window shades	2	
	Wooden boxes except cigar boxes	2	
	Wood products not elsewhere classified	3	106
7	Converted paper products not elsewhere classified	1	
	Envelopes	1	
8	Books: printing without publishing	1	
	Books: publishing without printing	1	
	Electrotyping and stereotyping, not done in printing establishments	2	
	Gravure, rotogravure, and rotary photogravure (including preparation of plates)	2	
	Newspapers: publishing and printing	2	
	Newspapers: publishing without printing	2	
	CITY OF LOUISVILLE—Continued		
9	Chemicals not elsewhere classified	1	
	Colors and pigments	1	
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	4	
	Grease and tallow (except lubricating greases)	1	
	Insecticides, fungicides, and related industrial and household chemical compounds	1	
	Perfumes, cosmetics, and other toilet preparations	1	
	Soybean oil, cake, and meal	1	
10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	2	
	Petroleum refining	2	
11	Rubber products not elsewhere classified	1	
12	Boot and shoe cut stock and findings	1	
	Suitcases, brief cases, bags, trunks, and other luggage	2	
13	Clay refractories, including refractory cement (clay)	2	
	Gypsum products	1	
	Mirrors and other glass products made of purchased glass	3	58
	Pottery products not elsewhere classified	1	
	Sewer pipe and kindred products	1	
	Steam and other packing; pipe and boiler covering	1	
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	2	
14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	1	
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semi-vitreous china sanitary ware)	1	
	Enameling, japanning, and lacquering	1	
	Fabricated structural steel and ornamental metalwork, made in plants not operated in connection with rolling mills	6	
	Forgings, iron and steel—made in plants not operated in connection with rolling mills	1	
	Hardware not elsewhere classified	1	
	Power boilers and associated products	2	
	Stamped and pressed metal products (except automobile stampings)	2	
	Steel works and rolling mills	1	
	Tin cans and other tinware not elsewhere classified	1	
15	Electroplating, plating, and polishing	1	
	Engraving on metal (except for printing purposes)	1	
	Jewelry (precious metals)	2	
	Lighting fixtures	1	
	Nonferrous-metal foundries (except aluminum)	3	
	Nonferrous-metal products not elsewhere classified	2	
	Sheet-metal work not specifically classified	8	
	Tin and other foils (except gold and silver foil)	1	
16	Batteries, storage and primary (dry and wet)	4	78
	Electrical products not elsewhere classified	1	
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	1	
	Wiring devices and supplies	1	
17	Agricultural machinery (except tractors)	2	
	Commercial laundry, dry-cleaning, and pressing machinery	1	
	Food-products machinery	2	
	Industrial machinery, not elsewhere classified	2	
	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	2	
	Measuring and dispensing pumps	1	
	Metalworking machinery and equipment, not elsewhere classified	1	
	Oil-field machinery and tools	1	
	Printing-trades machinery and equipment	3	73
	Pumping equipment and air compressors	1	
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	1	
	Scales and balances	1	
	Special-industry machinery, not elsewhere classified	1	
	Woodworking machinery	1	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	6	
20	Beauty-shop and barber-shop equipment	2	
	Brushes	1	
	Buttons	1	
	Dental equipment and supplies	1	
	Furs, dressed and dyed	1	
	Hand stamps, stencils, and brands	1	
	Jewelry cases and instrument cases	2	
	Models and patterns (except paper patterns)	2	
	Organs	1	
	Sporting and athletic goods not elsewhere classified	1	
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	2	

[1] For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and of industry groups, sec. 27.

LOUISIANA

DENSITY OF WAGE-EARNER EMPLOYMENT, BY PARISHES: 1939

Prepared by the Bureau of the Census, Department of Commerce

475614—42——25

LOUISIANA

Table 1.—SUMMARY FOR THE STATE: 1939, 1937, AND 1929

CENSUS YEAR	Number of establishments	Proprietors and firm members	Number of persons employed in manufacturing [1]	Salaries and wages [1]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2]	Value of products [3]	Value added by manufacture [3]
1939	1,861	1,092	79,654	$73,126,779	$365,179,436	$565,265,273	$200,085,837
1937	1,684	881	85,702	79,121,534	380,984,102	580,839,828	199,855,726
1929	1,910	904	91,595	99,066,263	425,658,986	660,946,356	235,287,370

[1] Figure for 1939 does not include data for employees of manufacturing establishments (except salaried officers of corporations) who were engaged in distribution, construction, and other nonmanufacturing work. For detail, see table 8. It is not known to what extent data for such nonmanufacturing employees were included in figures reported for earlier years. See General Explanations—Persons engaged—general classification.

[2] The aggregates for cost of materials, etc., and value of products include large amounts of duplication due to the use of the products of some industries as materials by others. See General Explanations—Duplication in cost of materials and value of products.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See General Explanations—Value added by manufacture.

Table 2.—SUMMARY FOR PARISHES AND PLACES: 1939

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
The State	2,363,880	[5] 1,861	71,218	$55,083,540	$365,179,436	$565,265,273	$200,085,837
PARISHES [5]							
Acadia	46,260	32	574	285,112	5,087,257	6,656,158	1,568,901
Allen	17,540	12	1,308	972,305	1,786,942	3,394,984	1,608,042
Ascension	21,215	11	303	138,229	612,160	1,103,669	491,509
Assumption	18,541	14	581	346,253	3,866,297	5,020,564	1,154,267
Avoyelles	39,256	11	212	71,817	320,831	532,049	211,218
Beauregard	14,847	14	490	289,351	1,699,076	2,395,176	696,100
Bienville	23,933	10	341	225,575	590,111	1,333,117	743,006
Bossier [6]	33,162	18	994				
Caddo	150,203	150	3,187	3,324,719	21,127,876	32,851,327	11,723,451
Calcasieu	56,506	49	1,248	1,057,544	6,992,563	10,813,430	3,820,867
Caldwell [6]	12,046	3	728				
Cameron [6]	7,203	2					
Catahoula	14,618	5	126	64,510	83,158	250,350	167,192
Claiborne	29,855	11	167	103,870	263,137	521,261	258,124
Concordia	14,562	7	273	164,155	276,009	611,020	335,011
De Soto	31,803	11	453	340,765	962,934	1,860,014	897,080
East Baton Rouge	88,415	51	3,519	5,215,587	71,469,431	101,979,325	30,509,894
East Carroll	19,023	6	149	52,294	160,761	398,761	238,000
East Feliciana	18,039	3	84	45,205	110,857	196,167	85,310
Evangeline	30,497	9	58	19,041	144,959	216,698	71,739
Franklin	32,382	10	231	81,700	83,229	300,522	217,293
Grant	15,933	7	589	468,827	738,216	1,442,259	704,043
Iberia	37,183	50	1,281	790,197	3,655,022	6,993,974	3,338,952
Iberville	27,721	28	1,045	475,334	2,392,775	3,861,341	1,468,566
Jackson [6]	17,807	12	1,681				
Jefferson	50,427	55	4,512	3,087,011	26,607,509	43,296,584	16,689,075
Jefferson Davis	24,191	12	148	115,013	735,097	1,144,312	409,215
Lafayette	43,941	28	434	243,215	1,436,761	2,367,127	930,366
La Fourche	38,615	23	1,219	538,962	6,181,206	9,179,886	2,998,680
La Salle	10,959	6	662	429,257	391,330	1,230,342	839,012
Lincoln	24,790	16	265	154,388	544,047	1,060,063	516,016
Livingston	17,790	6	189	123,327	214,056	538,276	324,220
Madison	18,443	12	931	570,860	1,319,950	2,451,735	1,131,785
Morehouse [6]	27,571	13	1,268				
Natchitoches	40,997	23	709	402,426	790,376	1,645,519	855,143
Orleans	494,537	644	19,707	15,895,652	66,247,854	126,551,895	60,304,041
Ouachita	59,168	67	2,515	2,336,527	11,741,598	18,420,627	6,679,029
Plaquemines	12,318	8	153	36,748	183,598	373,634	190,036
Pointe Coupee	24,004	9	227	129,107	541,015	844,640	303,625
Rapides	73,370	54	2,103	1,343,965	4,109,941	8,361,803	4,251,862
Red River	15,881	3	25	13,846	9,171	30,010	20,839
Richland	28,829	5	217	85,660	60,201	231,148	170,947
Sabine	23,586	8	689	386,018	434,935	1,229,106	794,171
St. Bernard [6]	7,280	13	1,446				
St. Charles [6]	12,321	9	616				

See footnotes at end of table.

TABLE 2.—SUMMARY FOR PARISHES AND PLACES: 1939—Continued

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
PARISHES [5]—continued							
St. Helena [7]	9,542						
St. James [6]	16,596	13	847				
St. John the Baptist [6]	14,766	13	791				
St. Landry	71,481	33	661	$317,530	$1,924,727	$2,770,620	$845,893
St. Martin	26,394	12	375	203,023	1,506,372	2,371,398	865,026
St. Mary	31,458	32	1,914	911,181	5,973,153	8,347,755	2,374,602
St. Tammany	23,624	21	618	399,436	615,161	1,600,042	984,881
Tangipahoa	45,519	39	1,477	813,966	1,604,079	3,886,329	2,282,250
Tensas	15,940	6	166	82,166	128,308	334,654	206,346
Terrebonne	35,880	33	1,368	420,258	2,345,658	3,892,517	1,546,859
Union	20,943	4	179	104,224	229,757	504,666	274,909
Vermilion	37,750	20	444	259,769	3,843,789	4,970,443	1,126,654
Vernon	19,142	8	711	472,468	434,279	1,869,570	1,435,291
Washington	34,443	23	1,382	1,550,999	8,478,261	13,576,911	5,098,650
Webster	33,676	19	1,378	1,259,794	5,270,033	8,163,563	2,893,530
West Baton Rouge	11,263	7	249	186,901	1,494,679	2,122,823	628,144
West Carroll [6]	19,252	8	214				
West Feliciana	11,720	7	319	205,891	266,544	525,993	259,449
Winn	16,923	13	452	236,885	590,310	1,137,996	547,686
Undistributed [8]		104	8,598	7,234,677	86,502,080	107,501,120	20,999,040
PLACES HAVING 10,000 OR MORE INHABITANTS							
Alexandria	27,066	37	803	537,799	1,946,037	3,948,870	2,002,833
Baton Rouge	34,719	33	604	639,459	2,274,143	5,074,718	2,800,575
Bogalusa	14,604	18	1,362	1,542,679	8,441,967	13,516,925	5,074,958
Gretna	10,879	9	203	143,180	900,132	1,228,941	328,809
Lafayette	19,210	22	199	133,020	596,876	1,129,021	532,145
Lake Charles	21,207	36	526	427,088	2,836,115	4,461,897	1,625,782
Monroe	28,309	41	1,017	693,094	2,121,141	4,235,202	2,114,061
New Iberia	13,747	27	264	141,267	769,811	1,304,972	535,161
New Orleans	494,537	644	19,707	15,895,652	66,247,854	126,551,895	60,304,041
Shreveport	98,167	132	2,304	2,196,800	18,122,119	26,552,090	8,429,971

[1] Not including salaried officers and employees nor nonmanufacturing wage earners. The figure for each parish or place is an average of the numbers reported for the several months of the year. In calculating it, equal weight must be given to full-time and to part-time wage earners (not reported separately by the manufacturers), and for this reason it exceeds the number that would have been required to perform the work done in the industries if all wage earners had been continuously employed throughout the year. The quotient obtained by dividing the amount of wages by the average number of wage earners cannot, therefore, be accepted as representing the average wage received by full-time wage earners. Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several parishes do not add exactly to the average for the State. In making comparisons between the figures for 1939 and those for earlier years, the possibility that the proportion of part-time employment varied from year to year should be be taken into account.

[2] Profits and losses cannot be calculated from the census figures because no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, and advertising.

[3] See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

[5] For numbers of establishments by "Industry groups," see table 10.

[6] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Undistributed" figures.

[7] No manufacturing reported.

[8] The "Undistributed" figure for number of establishments and a part of the "Undistributed" figure for number of wage earners are included above in the items for the respective parishes. The sums of the figures in these two columns are, therefore, larger than the corresponding State totals.

TABLE 3.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, BY SEX: 1939 AND 1929

[The 1939 questionnaire, for the first time, called for data on the *total* number of employees in manufacturing establishments, including those engaged wholly or chiefly in distribution, construction, and other nonmanufacturing activities. It is not known to what extent data for such employees were included in the figures reported for earlier years. This table presents detailed figures for employees receiving pay at any time within the *normal* pay-roll period ended nearest Oct. 14, 1939, and for such employees on the pay roll on Dec. 14, 1929, or on the nearest *representative* date. The total for "Wage earners engaged in manufacturing" is not identical with the average for the year (given in other tables), and differs from the number reported for October 1939 or for December 1929, because for both years some manufacturers gave wage-earner figures for months other than those specified. See GENERAL EXPLANATIONS—Persons engaged—general classification]

CLASS AND SEX	1939 (Oct. 14)[1]	1929 (Dec. 14)[1]
All classes, aggregate[2]	103,753	91,166
Male	88,058	80,499
Female	15,695	10,667
Salaried officers and employees, total	17,505	9,686
Male	15,450	8,226
Female	2,055	1,460
Salaried officers of corporations, total	1,177	1,230
Male	1,090	1,176
Female	87	54
All other employees (except wage earners in manufacturing), total	16,328	8,456
Male	14,360	7,050
Female	1,968	1,406
Salaried officers and employees—Continued.		
All other employees, etc.—Continued.		
Engaged in manufacturing:		
Male	6,035	(3)
Female	1,224	
Engaged in distribution:		
Male	4,890	
Female	699	
Engaged in construction:		
Male	2,833	
Engaged in other work:		
Male	602	
Female	45	
Wage earners engaged in manufacturing, total	86,248	81,480
Male	72,608	72,273
Female	13,640	9,207

[1] See headnote.
[2] Figures do not include data for 1092 proprietors and firm members for 1939 and 904 for 1929, which were not reported by sex for 1939.
[3] No data.

TABLE 4.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS: 1939, 1937, AND 1929

[The figures for 1939 relate to wage earners engaged in manufacturing only. It is not known to what extent the figures for earlier years include data for nonmanufacturing wage earners. See headnote to table 3]

CENSUS YEAR	Average number employed during year[1]	NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH—											
		January	February	March	April	May	June	July	August	September	October	November	December
1939	71,218	64,047	62,650	64,080	66,426	67,229	66,450	66,603	71,990	75,848	84,649	83,660	80,986
1937	76,057	74,423	72,772	73,602	74,000	73,405	72,517	72,784	77,722	78,386	81,615	82,087	79,376
1929	81,909	79,341	78,686	80,503	80,586	79,784	79,529	79,712	83,232	83,726	87,832	86,044	83,933

[1] See GENERAL EXPLANATIONS—Wage earners and wages.

TABLE 5.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY NUMBER OF WAGE EARNERS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR)[1]		VALUE OF PRODUCTS	VALUE ADDED BY MANUFACTURE[2]
	1939	1929	1939	1929	1939	1939
All establishments	1,861	1,910	71,218	81,909	$565,265,273	$200,085,837
No wage earners	19	32			365,623	219,074
1 to 5	719	790	2,132	2,556	16,966,296	9,069,599
6 to 20	498	496	5,603	5,659	33,249,670	14,848,852
21 to 50	284	256	9,594	8,423	68,750,484	27,584,490
51 to 100	177	137	12,556	9,805	79,142,403	28,903,829
101 to 250	117	127	18,213	20,029	113,373,355	40,319,411
251 to 500	30	47	9,956	14,011	78,143,423	29,919,746
501 to 1,000	13	22	8,070	14,498	74,314,048	28,914,173
1,001 to 2,500	4	2	5,094	[3] 6,928	100,959,971	20,306,663
2,501 or more		1				

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Combined to avoid disclosing data for individual establishments.

TABLE 6.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY VALUE OF PRODUCTS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
All establishments	1,861	1,910	71,218	81,909	$565,265,273	$660,946,356	$200,085,837	$235,287,370
$5,000 to $19,999	576	660	2,296	2,154	6,731,506	7,145,635	3,953,649	4,571,742
$20,000 to $49,999	426	367	3,702	2,903	13,615,099	11,828,525	7,817,871	6,962,879
$50,000 to $99,999	268	261	5,617	4,351	18,625,830	18,431,245	10,093,499	10,338,690
$100,000 to $249,999	236	250	10,613	10,174	37,918,599	39,811,253	17,796,703	21,491,003
$250,000 to $499,999	176	146	13,692	12,197	62,698,100	51,452,312	25,263,946	25,534,013
$500,000 to $999,999	95	106	10,151	14,657	66,708,473	73,282,426	27,154,290	34,531,314
$1,000,000 to $2,499,999	48	86	10,454	18,824	71,152,705	124,294,454	27,104,009	53,657,268
$2,500,000 to $4,999,999	22	18	7,165	4,075	74,823,935	66,483,108	30,558,652	19,562,606
$5,000,000 and over	14	16	7,528	12,574	212,991,026	268,217,398	50,343,218	58,637,855

[1] See headnotes to tables 3 and 4.

[2] See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 7.—ESTABLISHMENTS CLASSIFIED AS UNDER CORPORATE OR OTHER FORM OF OWNERSHIP (OR CONTROL) AND AS UNDER CENTRAL-ADMINISTRATIVE-OFFICE OR INDEPENDENT OPERATION: 1939 AND 1929

TYPE OF OWNERSHIP OR CONTROL, AND OF OPERATION	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
Total	1,861	1,910	71,218	81,909	$565,265,273	$660,946,356	$200,085,837	$235,287,370
TYPE OF OPERATION								
1939 [3]								
Corporate ownership or control:								
Central-administrative-office (plural-unit)	475	(3)	37,809	(3)	406,835,598	(3)	127,360,012	(3)
Independent (single-unit)	563	(3)	21,812	(3)	109,277,980	(3)	51,505,163	(3)
Noncorporate ownership:								
Central-administrative-office (plural-unit)	65	(3)	2,430	(3)	7,793,328	(3)	4,233,832	(3)
Independent (single-unit)	758	(3)	9,167	(3)	41,358,367	(3)	16,986,830	(3)
1939 AND 1929 [3]								
Central-administrative-office (plural-unit), corporate and noncorporate	540	362	40,239	32,160	414,628,926	318,245,308	131,593,844	106,836,018
Independent (single-unit), corporate and noncorporate	1,321	1,548	30,979	49,749	150,636,347	342,701,048	68,491,993	128,451,352
TYPE OF OWNERSHIP OR CONTROL								
Corporate	1,038	1,046	59,621	73,956	516,113,578	617,541,095	178,865,175	217,646,129
Noncorporate, total	823	864	11,597	7,953	49,151,695	43,405,261	21,220,662	17,641,241
Individual	620	(4)	6,480	(4)	23,774,736	(4)	11,245,964	(4)
Partnership	192	(4)	4,798	(4)	24,110,788	(4)	9,276,273	(4)
Cooperative	4	(4)	241	(4)	645,266	(4)	439,159	(4)
Other	7	(4)	78	(4)	620,905	(4)	259,266	(4)

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Because of changes in the questionnaire, no comparable figures for 1929 can be given for the first section of this table. For this reason, the items have been regrouped under "1939 and 1929" to present comparable figures so far as this can be done.
[4] No data.

TABLE 8.—GENERAL STATISTICS FOR

[This table presents separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments given, however, reported larger numbers of wage earners or

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1]						
					Total [2]	Salaried officers of corporations [2]	Manufacturing		Distribution	Construction	Other
							Salaried employees [2]	Wage earners (average for year) [2]			
1		All industries, total	1,861	1,092	88,723	1,177	7,259	71,218	5,589	2,833	647
2	3	Batting, padding, and wadding; upholstery filling	13	11	212	4	11	194	3		
3	1	Biscuit, crackers, and pretzels	7	2	649	16	22	486	125		
4	1	Blended and prepared flour made from purchased flour	4	1	14	1	3	7	3		
5	17	Blowers; exhaust and ventilating fans	5	2	48	6	4	28	10		
6	9	Bone black, carbon black, and lampblack	6		233	1	21	211			
7	8	Bookbinding and related industries	7	4	41	4	4	33			
8	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	230	217	3,060	53	144	2,537	256	14	56
9	13	Brick and hollow structural tile	13	5	449	12	19	395	22		1
10	20	Brooms	8	8	71		4	60	7		
11	1	Candy and other confectionery products	28	21	614	9	34	501	66		4
12	1	Cane sugar—except refineries	77	37	5,038	73	572	4,003	15	369	6
13	1	Cane-sugar refining	7	3	3,601	2	238	3,247	15	58	41
14	1	Canned and dried fruits and vegetables (including canned soups)	12	8	284	2	14	266	2		
15	1	Canned fish, crustacea, and mollusks	31	13	2,869	25	64	2,754	22	4	
16	4	Canvas products (except bags)	4	4	108	3	8	78	19		
17	19	Cars and car equipment—railroad, street, and rapid-transit	3		106		12	94			
18	6	Caskets, coffins, burial cases, and other morticians' goods	6	6	194	4	13	148	29		
19	1	Cheese	3		6		2	4			
20	9	Chemicals not elsewhere classified	11		1,589	1	208	1,269		111	
21	6	Cigar boxes: wooden, part wooden	3		70	4	1	65			
22	2	Cigars	7	13	1,243		29	1,210	4		
23	9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	13		167		17	93	55		2
24	13	Concrete products	16	3	266	14	19	227	6		
25	6	Cooperage	8		294	7	21	253	13		
26	9	Cottonseed oil, cake, meal, and linters	21	5	911	34	113	732	28	3	1
27	1	Creamery butter	5	2	97	3	4	20	70		
28	1	Cured fish	16	13	57			57			
29	9	Drugs and medicines (including drug grinding)	9	3	84	6	9	62	7		
30	15	Electroplating, plating, and polishing	3	3	12			11	1		
31	8	Engraving (steel, copperplate, and wood); plate printing	3	3	17	1		16			
32	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	9	8	286	8	18	221	37	2	
33	9	Fertilizers	12	2	662	8	57	524	68	2	3
34	1	Flavoring extracts and flavoring sirups, not elsewhere classified	4	1	113	7	16	34	56		
35	1	Flour and other grain-mill products	3	6	63	3	5	45	1		9
36	1	Food preparations, not elsewhere classified	10	4	298	5	30	178	85		
37	17	Food-products machinery	3		152	10	10	116	4	12	
38	8	General commercial (job) printing	96	78	971	58	119	702	92		
39	14	Gray-iron and semisteel castings	8	4	212	3	21	187	1		
40	20	Hand stamps, stencils, and brands	4	3	22	1	3	9	9		
41	4	Housefurnishings (except curtains, draperies, and bedspreads)	3	2	44	1	7	35	1		
42	6	Household furniture, except upholstered	19	13	1,129	17	60	1,018	34		
43	1	Ice cream and ices	30	16	401	13	30	161	194	2	1
44	1	Ice, manufactured	155	41	1,579	71	120	624	747	12	5
45	12	Industrial leather belting and packing leather	4	2	20	2	3	13	2		
46	9	Insecticides, fungicides, and related industrial and household chemical compounds	7	3	42	5	4	18	15		
47	15	Jewelry (precious metals)	4		57		6	50	1		
48	1	Liquors, rectified or blended	5		45	7	8	21	8		1
49	8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	3	3	45	5	2	32	6		
50	5	Logging camps and logging contractors (not operating sawmills)	10	8	275	1	5	269			
51	1	Macaroni, spaghetti, vermicelli, and noodles	9	16	270	4	28	200	31		7
52	8	Machine and hand typesetting (including advertisement typesetting)	3	2	16		2	12	2		
53	17	Machine-shop products, not elsewhere classified	14	12	366	17	26	302	20		1
54	17	Machine-shop repairs	37	39	349	8	19	311	11		
55	1	Malt liquors	7		1,153	15	62	661	399	7	9
56	6	Mattresses and bedsprings	16	12	181	9	22	140	10		
57	1	Meat packing, wholesale	10	6	338	12	48	207	65	5	1
58	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	3	1	61	2	1	57	1		
59	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	13	6	1,625	18	92	1,429	84		2
60	4	Men's neckwear—made in inside factories or by jobbers engaging contractors	5	4	345	6	7	242	68		22
61	13	Mirrors and other glass products made of purchased glass	3	2	23		5	18			
62	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	9	9	90	6	8	62	14		
63	18	Motor vehicles, motor-vehicle bodies, parts and accessories	5	2	265	2	18	203	42		
64	8	Newspapers: publishing and printing	70	48	1,956	49	610	939	358		
65	8	Newspapers: publishing without printing	3	3	14		12		2		
66	1	Nonalcoholic beverages	65	41	1,548	50	135	614	715	15	19

See footnotes at end of table.

THE STATE, BY INDUSTRIES: 1939

and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures are larger values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
86,260,028	5,411,798	12,631,441	55,083,540	7,987,476	4,294,221	851,552	365,179,436	349,670,615	9,526,459	4,753,615	1,228,747	565,265,273	200,085,837	1
104,401	9,400	11,040	70,476	13,485	----------	----------	597,409	585,113	2,727	9,569	----------	815,055	217,646	2
660,130	83,298	37,867	360,262	178,703	----------	----------	1,038,569	1,012,828	14,018	11,723	----------	2,347,185	1,308,616	3
14,770	1,800	3,840	6,737	2,393	----------	----------	32,318	31,920	----------	398	----------	57,908	25,590	4
58,276	15,624	5,145	22,527	14,980	----------	----------	169,433	166,679	68	1,692	994	329,709	160,276	5
262,769	1,925	44,325	216,519	----------	----------	----------	859,197	838,352	----------	20,845	----------	2,093,920	1,234,723	6
52,247	13,700	3,481	35,066	----------	----------	----------	14,902	12,938	166	1,202	596	90,646	75,744	7
2,964,768	198,827	217,849	2,263,085	208,161	10,303	66,543	6,078,888	5,758,061	168,180	152,366	281	12,170,338	6,091,450	8
331,702	107,300	21,706	185,773	16,273	----------	650	132,814	35,255	93,507	4,052	----------	741,692	608,878	9
52,929	----------	4,821	42,264	5,844	----------	----------	134,952	133,664	----------	1,288	----------	201,735	66,783	10
392,457	24,647	33,354	267,102	66,498	----------	856	1,141,112	1,115,973	11,657	13,482	----------	1,992,852	851,740	11
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	12
2,725,036	19,500	396,494	2,172,767	31,283	66,473	38,519	58,110,127	57,434,777	673,885	1,465	----------	66,673,546	8,563,419	13
127,107	6,190	9,465	109,772	1,430	250	----------	580,111	566,600	11,014	2,454	43	787,532	207,421	14
649,780	62,765	60,756	512,488	11,816	1,955	----------	2,217,248	2,170,972	34,022	11,202	1,052	3,459,798	1,242,550	15
129,282	14,400	11,112	63,496	40,274	----------	----------	388,979	385,730	606	2,643	----------	615,178	226,199	16
155,563	----------	27,065	127,891	----------	607	----------	103,830	97,215	2,310	4,305	----------	278,622	174,792	17
200,155	12,400	29,616	109,087	49,052	----------	----------	307,843	302,492	1,649	3,702	----------	613,939	306,096	18
5,981	----------	1,574	4,407	----------	----------	----------	54,496	53,636	245	615	----------	73,398	18,902	19
3,134,458	6,084	606,528	1,902,417	----------	619,429	----------	11,627,522	10,150,496	748,509	641,673	86,844	32,506,506	20,878,984	20
48,444	10,356	1,073	37,015	----------	----------	----------	51,239	49,142	----------	2,097	----------	136,047	84,808	21
1,011,240	----------	73,274	913,945	24,021	----------	----------	1,472,312	1,466,575	983	4,754	----------	3,216,162	1,743,850	22
273,071	----------	39,337	116,029	116,023	----------	1,682	261,794	216,537	2,557	42,700	----------	1,023,843	762,049	23
268,472	40,720	31,135	180,937	15,680	----------	----------	516,051	503,782	2,130	10,060	79	1,140,146	624,095	24
244,579	17,610	38,408	179,305	9,256	----------	----------	497,000	483,079	3,996	9,925	----------	838,355	341,355	25
741,624	128,192	171,904	397,643	40,768	2,617	500	6,387,734	6,217,555	77,684	92,495	----------	7,823,552	1,435,818	26
134,887	13,338	7,040	20,259	94,250	----------	----------	669,790	650,766	5,889	13,135	----------	842,314	172,524	27
32,971	----------	----------	32,971	----------	----------	----------	163,494	157,382	4,612	1,500	----------	215,245	51,751	28
86,411	26,500	10,833	36,192	12,886	----------	----------	235,523	232,411	216	2,896	----------	563,002	327,479	29
9,765	----------	----------	8,933	832	----------	----------	4,241	2,855	501	885	----------	25,708	21,467	30
15,245	1,600	----------	13,645	----------	----------	----------	12,167	11,306	136	725	----------	54,642	42,475	31
332,102	42,345	19,775	205,082	62,400	2,500	----------	576,175	550,903	5,472	19,800	----------	1,134,162	557,987	32
490,072	18,520	69,836	256,410	139,981	2,991	2,334	3,288,039	3,241,181	3,534	43,324	----------	4,652,082	1,364,043	33
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	34
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	35
488,128	14,837	76,004	173,419	223,868	----------	----------	2,483,669	2,458,256	19,167	6,246	----------	3,992,584	1,508,915	36
181,844	51,250	16,865	103,899	4,850	4,980	----------	173,565	143,120	2,740	7,705	20,000	510,748	337,183	37
1,241,719	168,623	162,654	802,618	107,824	----------	----------	1,182,486	1,069,044	7,541	46,548	59,353	3,588,081	2,405,595	38
253,216	19,200	41,481	190,738	1,797	----------	----------	336,116	275,338	34,618	26,160	----------	799,808	463,692	39
26,813	2,860	2,241	10,825	10,887	----------	----------	19,406	18,637	125	644	----------	62,877	43,471	40
20,500	1,080	4,774	13,898	748	----------	----------	63,289	62,195	----------	1,094	----------	94,413	31,124	41
1,019,948	151,774	103,107	678,344	86,723	----------	----------	1,622,433	1,597,871	2,870	21,667	25	3,080,815	1,458,382	42
384,240	60,219	38,154	133,618	148,738	2,611	900	1,235,145	1,181,772	7,515	45,858	----------	2,558,158	1,323,013	43
1,577,606	194,429	174,409	560,894	639,861	5,221	2,792	771,015	226,785	178,963	365,267	----------	4,302,845	3,531,830	44
35,972	5,195	7,300	15,907	7,570	----------	----------	63,318	62,628	129	561	----------	133,358	70,040	45
47,085	14,400	5,486	13,250	13,949	----------	----------	60,409	59,459	179	771	----------	152,371	91,962	46
65,238	----------	9,160	55,678	400	----------	----------	54,950	53,008	441	1,501	----------	160,218	105,268	47
73,012	21,730	13,272	18,632	18,178	----------	1,200	172,021	165,456	3,606	2,959	----------	296,309	124,288	48
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	49
123,073	1,200	7,825	114,048	----------	----------	----------	203,063	124,398	6,388	----------	72,277	412,301	209,238	50
182,609	7,420	31,391	101,619	40,634	----------	1,545	564,780	537,439	2,591	24,750	----------	972,968	408,188	51
28,848	----------	6,500	21,080	1,268	----------	----------	5,858	4,636	626	596	----------	51,230	45,372	52
426,356	60,177	37,808	291,668	36,027	----------	676	343,549	319,667	7,940	11,342	4,600	1,063,214	719,665	53
411,295	28,930	29,192	326,382	26,791	----------	----------	357,712	326,991	6,282	24,139	300	1,284,351	926,639	54
1,976,527	109,710	143,530	974,803	726,541	10,212	11,731	2,653,067	2,514,778	62,795	75,494	----------	10,662,514	8,009,447	55
165,853	36,674	25,792	95,442	7,945	----------	----------	429,929	424,681	467	4,781	----------	687,440	257,511	56
413,327	37,615	93,831	190,060	82,739	8,932	150	3,952,791	3,905,845	21,352	25,594	----------	4,481,060	528,269	57
31,927	3,820	1,750	25,857	500	----------	----------	9,812	8,498	585	729	----------	57,063	47,251	58
1,208,688	152,065	136,118	753,342	165,416	----------	1,747	1,880,527	1,856,063	8,958	15,506	----------	3,321,725	1,441,198	59
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	60
(5)	----------	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	61
105,544	20,820	8,020	59,505	17,199	----------	----------	133,481	125,440	1,446	6,595	----------	348,875	215,394	62
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	63
3,455,302	273,568	1,141,151	1,494,998	545,585	----------	----------	2,182,279	2,103,868	16,264	60,614	1,533	8,587,961	6,405,682	64
8,208	----------	7,361	----------	847	----------	----------	20,119	2,273	50	123	17,673	41,229	21,110	65
2,083,874	398,476	182,468	440,230	1,033,602	3,922	25,176	4,563,523	4,469,911	18,876	70,033	4,703	11,013,503	6,449,980	66

TABLE 8.—GENERAL STATISTICS FOR THE

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
1	17	Oil field machinery and tools	4	1	138	1	12	112	13	.....	.....
2	9	Paints, varnishes, and lacquers	13	2	301	17	24	166	89	3	2
3	7	Paper and paperboard mills	8	..	3,020	7	295	2,536	33	149	.....
4	7	Paper bags, except those made in paper mills	5	1	1,034	3	94	926	11	.....	.....
5	7	Paperboard containers and boxes not elsewhere classified	9	1	734	12	67	622	33	.....	.....
6	6	Partitions, shelving, cabinet work, and office and store fixtures	3	3	76	..	3	67	6	.....	.....
7	9	Perfumes, cosmetics, and other toilet preparations	5	5	69	6	6	31	26	.....	.....
8	8	Periodicals, publishing and printing	5	2	41	4	8	21	8	.....	.....
9	8	Periodicals, publishing without printing	13	9	66	5	41	3	17	.....	.....
10	10	Petroleum refining	13	5	5,518	2	812	2,629	22	1,781	272
11	8	Photoengraving, not done in printing establishments (including preparation of plates)	5	6	53	4	12	35	2	.....	.....
12	1	Pickled fruits and vegetables and vegetable sauces and seasonings	12	7	366	18	42	246	59	.....	1
13	5	Planing mills not operated in conjunction with sawmills	41	20	1,708	21	124	1,458	94	10	1
14	14	Power boilers and associated products	6	5	139	9	11	111	8	.....	.....
15	1	Prepared feeds (including mineral) for animals and fowls	9	1	352	9	18	261	60	3	1
16	9	Printing ink	4		38	4	7	13	12	.....	2
17	7	Pulp mills	7		1,959	7	157	1,787	8	.....	.....
18	1	Rice cleaning and polishing	40	17	1,539	36	218	1,158	107	5	15
19	10	Roofing, built-up and roll; asphalt shingles, roof coating (except paint)	3	..	414	..	53	308	44	7	2
20	1	Salad dressings	3	2	116	.....	7	41	65	.....	3
21	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	13	4	439	13	20	215	167	2	22
22	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	214	144	18,299	127	807	16,947	247	96	75
23	15	Sheet-metal work not specifically classified	14	8	258	15	34	185	21	.....	3
24	19	Shipbuilding and ship repairing	14	5	1,370	20	76	1,227	45	.....	2
25	20	Signs, advertising displays, and advertising novelties	8	5	139	3	8	121	7	.....	.....
26	14	Steel barrels, kegs, and drums	3	.....	298	.....	13	277	8	.....	.....
27	4	Textile bags—not made in textile mills	11	.....	1,065	12	56	928	69	.....	.....
28	14	Tin cans and other tinware not elsewhere classified	4		769	.....	133	623	3	10	.....
29	4	Trousers (semidress), wash suits, and washable service apparel	4	4	554	6	16	477	54	.....	1
30	6	Window and door screens and weather strip	3	1	17	2	.....	15	.....	.....	.....
31	6	Wooden boxes except cigar boxes	6	1	628	12	32	533	21	.....	30
32	9	Wood naval stores	3	.....	362	5	27	307	5	18	.....
33	6	Wood preserving	14	.....	594	6	54	531	3	.....	.....
34	6	Wood products not elsewhere classified	7	4	158	3	8	146	1	.....	.....
35	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	9	4	691	8	22	637	22	.....	2
36		Other industries [6]	196	101	14,830	168	1,481	12,107	500	512	62
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]									
37	1	Food and kindred products	97	49	6,000	89	681	4,627	174	411	18
38	3	Textile-mill products and other fiber manufactures	9	5	2,477	11	88	2,327	31	11	9
39	4	Apparel and other finished products made from fabrics and similar materials	12	7	709	14	25	564	83	.....	23
40	6	Furniture and finished lumber products	6	3	216	5	11	189	11	.....	.....
41	7	Paper and allied products	4	...	83	3	7	59	14	.....	.....
42	8	Printing, publishing, and allied industries	6	6	89	9	13	56	11	.....	.....
43	9	Chemicals and allied products	10	6	612	5	47	497	26	37	.....
44	13	Stone, clay, and glass products	9	2	2,815	5	384	2,355	26	42	3
45	14	Iron and steel and their products, except machinery	10	3	953	6	144	779	14	10	.....
46	15	Nonferrous metals and their products	3	2	44	2	2	36	2	.....	2
47	16	Electrical machinery	4	4	30	.....	3	26	1	.....	.....
48	17	Machinery (except electrical)	8	1	398	12	47	292	39	1	7
49	19	Transportation equipment, except automobiles	4	4	48	2	1	38	7	.....	.....
50	20	Miscellaneous industries	6	5	51	3	7	40	1	.....	.....
51	18	Automobiles and automobile equipment	5	2	265	2	18	203	42	.....	.....
	10	Products of petroleum and coal	1	2	40	.....	3	19	18	.....	.....
	12	Leather and leather products	2								

* As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.

[2] Figures do not include data for personnel of central-administrative offices.

[3] Each of the averages in the "Wage earners" column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
222,386	11,300	28,185	158,281	24,620	----------	----------	330,094	309,322	4,992	15,780	----------	793,701	463,607	1
377,383	40,512	47,096	167,948	116,388	3,939	1,500	1,368,540	1,348,556	2,785	17,199	----------	2,083,558	715,018	2
4,011,314	90,490	539,769	3,092,772	73,817	214,466	----------	18,252,594	16,408,058	979,716	864,820	----------	25,650,456	7,397,862	3
972,805	41,800	144,393	732,484	54,128	----------	----------	3,702,645	3,681,257	7,086	14,302	----------	5,744,167	2,041,522	4
868,579	143,293	128,087	535,665	61,534	----------	----------	2,675,059	2,651,379	7,640	16,040	----------	4,537,551	1,862,492	5
(5)	----------	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	6
79,000	23,300	10,141	19,077	26,482	----------	----------	194,046	192,923	253	870	----------	402,743	208,697	7
57,247	16,839	7,020	25,926	7,462	----------	----------	14,802	13,224	582	996	----------	115,808	101,006	8
70,118	12,754	40,868	384	16,112	----------	----------	102,612	1,413	----------	52	101,147	263,475	160,863	9
9,759,831	10,800	2,082,435	4,334,342	38,109	2,781,502	512,643	95,482,507	91,098,881	3,921,766	461,860	----------	109,627,341	14,144,834	10
99,125	18,500	18,881	58,564	3,180	----------	----------	32,278	29,584	759	1,935	----------	228,052	195,774	11
299,952	54,616	43,258	124,500	76,746	----------	832	928,871	911,316	6,012	11,543	----------	1,688,934	760,063	12
1,581,255	86,425	221,275	1,179,455	89,288	3,984	828	3,493,172	3,409,115	35,634	47,460	963	6,244,888	2,751,716	13
154,165	21,500	19,399	103,373	9,893	----------	----------	380,220	370,208	1,937	6,645	1,430	657,036	276,816	14
373,376	67,415	23,474	179,995	100,897	815	780	2,638,263	2,571,619	31,278	35,366	----------	3,687,479	1,049,216	15
70,366	11,100	12,861	13,067	32,108	----------	1,230	165,814	159,837	1,084	4,893	----------	440,753	274,939	16
2,475,607	94,760	273,563	2,072,656	34,628	----------	----------	8,549,034	7,850,514	522,161	176,359	----------	13,816,560	5,267,526	17
1,160,270	90,680	317,150	591,954	134,584	6,684	19,218	13,970,321	13,901,801	28,688	39,562	270	17,296,826	3,326,505	18
468,414	----------	93,607	284,788	81,329	6,706	1,984	2,118,405	2,068,097	33,492	16,816	----------	4,155,955	2,037,550	19
(5)	----------	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	20
515,205	82,579	33,200	170,007	208,544	2,160	18,715	2,713,611	2,676,261	14,705	22,645	----------	3,324,735	611,124	21
12,187,684	528,650	1,366,875	9,806,532	362,807	63,149	59,671	12,822,775	12,065,972	153,400	39,455	563,948	33,319,261	20,496,486	22
318,539	49,981	51,253	175,187	39,778	----------	2,340	543,442	535,347	1,620	6,475	----------	958,024	414,582	23
1,647,333	90,919	175,995	1,303,013	77,306	----------	100	1,117,182	1,061,625	13,062	40,495	2,000	3,355,031	2,237,849	24
204,035	20,800	15,550	138,441	29,244	----------	----------	147,621	141,776	1,183	3,049	1,613	422,079	274,458	25
290,986	----------	35,682	235,384	19,920	----------	----------	1,982,818	1,958,244	6,649	17,925	----------	2,673,564	690,746	26
816,653	75,968	85,783	554,438	100,464	----------	----------	8,610,727	8,580,799	5,502	24,426	----------	10,741,090	2,130,363	27
(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	28
384,035	25,036	18,664	271,587	67,968	----------	780	1,077,687	967,166	2,109	7,608	100,804	1,655,451	577,764	29
17,495	5,500	----------	11,995	----------	----------	----------	36,192	35,344	----------	848	----------	65,391	29,199	30
450,157	42,465	38,394	312,832	29,210	----------	27,256	851,611	834,307	1,229	16,075	----------	1,742,959	891,348	31
352,676	33,000	57,244	233,704	3,875	24,853	----------	623,036	592,434	29,680	922	----------	1,418,727	795,691	32
453,038	30,516	83,141	333,121	6,240	20	----------	3,653,609	3,399,275	83,816	10,518	160,000	4,837,137	1,183,528	33
121,804	9,900	12,291	99,213	400	----------	----------	104,406	96,135	6,135	2,136	----------	348,232	243,826	34
419,460	47,268	24,454	324,220	22,166	----------	1,352	738,430	727,456	1,511	9,463	----------	1,348,074	609,644	35
13,232,289	820,019	2,085,156	8,907,379	931,473	442,940	45,322	52,493,391	50,287,138	1,337,206	842,828	26,219	91,387,397	38,894,006	36
4,601,881	338,841	690,386	2,899,004	307,643	347,905	18,102	35,894,852	35,061,159	658,847	157,357	17,489	51,985,065	16,090,213	37
1,821,452	131,272	178,501	1,437,068	59,075	10,252	4,684	3,011,336	2,872,114	23,439	115,783	----------	6,211,769	3,200,433	38
521,813	72,459	22,111	280,040	135,392	----------	11,811	1,250,562	1,243,585	1,858	4,421	698	2,214,494	963,932	39
201,349	14,990	13,599	157,428	15,332	----------	----------	312,076	303,666	48	8,135	227	622,813	310,737	40
90,827	13,685	12,409	38,802	25,931	----------	----------	209,710	205,088	547	4,075	----------	360,403	150,693	41
140,746	38,085	26,699	60,065	15,897	----------	----------	93,675	79,333	1,185	5,352	7,805	380,492	286,817	42
574,465	31,238	99,437	358,658	46,368	38,764	----------	1,167,180	1,045,297	111,445	10,438	----------	3,114,854	1,947,674	43
3,204,417	37,683	656,808	2,415,997	57,920	32,564	3,445	3,730,540	2,769,326	510,066	451,148	----------	15,447,015	11,716,475	44
1,031,078	36,400	251,638	678,325	52,700	12,015	----------	5,349,095	5,290,344	16,841	41,910	----------	7,947,742	2,598,647	45
62,346	8,976	7,800	40,203	3,735	----------	1,632	62,952	60,094	1,787	1,071	----------	159,542	96,590	46
25,833	----------	3,715	21,618	500	----------	----------	36,610	34,430	671	1,509	----------	78,778	42,168	47
499,269	86,270	74,367	257,414	74,130	1,440	5,648	334,270	300,770	7,994	25,506	----------	963,826	629,556	48
47,926	3,120	1,317	32,183	11,306	----------	----------	98,809	96,903	119	1,787	----------	169,612	70,803	49
46,005	3,720	8,215	31,070	3,000	----------	----------	109,743	107,300	489	1,954	----------	213,166	103,423	50
362,882	3,280	38,154	198,904	122,544	----------	----------	831,981	817,729	1,870	12,382	----------	1,517,826	685,845	51

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[6] For numbers of establishments and of wage earners in individual industries, see table 11.

TABLE 9.—GENERAL STATISTICS FOR NEW ORLEANS, BY INDUSTRIES: 1939

[This table presents separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures are given, however, reported larger numbers of wage earners or larger values of products than some of those shown separately. No data for nonmanufacturing personnel, except salaried officers of corporations, are included in this table]

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
	All industries, total	644	366	503	1985	19,707	$2,475,800	$3,423,479	$15,895,652	$66,247,854	$126,551,895	$60,304,041
3	Batting, padding, and wadding; upholstery filling	3	4	1	5	52	(4)	(4)	(4)	(4)	(4)	(4)
1	Blended and prepared flour made from purchased flour	4	1	1	3	7	1,800	3,840	6,737	32,318	57,908	25,590
1	Bread and other bakery products (except biscuit, crackers, and pretzels) [a]	106	99	22	78	1,377	65,204	114,732	1,265,743	3,152,831	6,349,556	3,196,725
1	Candy and other confectionery products	13	6	7	21	397	14,847	20,559	218,812	825,548	1,424,053	598,505
1	Canned fish, crustacea, and mollusks	4	2	1	8	216	3,500	8,038	35,781	161,205	241,004	79,799
4	Canvas products (except bags) [b]	4	4	3	8	78	14,400	11,112	63,496	388,979	615,178	226,199
6	Cigar boxes, wooden, part wooden	3		4	1	65	10,356	1,073	37,015	51,239	136,047	84,808
2	Cigars [b]	7	13		29	1,210		73,274	913,945	1,472,312	3,216,162	1,743,850
9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	8			10	65		23,330	78,092	167,764	677,860	510,096
13	Concrete products	8	1	12	13	139	31,100	22,283	131,634	409,979	776,675	366,696
9	Drugs and medicines (including drug grinding) [b]	9	3	6	9	62	26,500	10,833	36,192	235,523	563,002	327,479
15	Electroplating, plating, and polishing	3	3			11			8,933	4,241	25,708	21,467
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	5	5		3	40		(4)	(4)	(4)	(4)	(4)
1	Flavoring extracts and flavoring sirups, not elsewhere classified	4	1	7	16	34	(4)	(4)	(4)	(4)	(4)	(4)
1	Food preparations, not elsewhere classified	5	1	3	8	57	(4)	(4)	(4)	(4)	(4)	(4)
8	General commercial (job) printing	63	44	46	82	415	125,281	103,431	458,405	741,546	2,055,640	1,314,094
14	Gray-iron and semisteel castings	3	2	2	12	96	(4)	(4)	(4)	(4)	(4)	(4)
4	Housefurnishings (except curtains, draperies, and bedspreads)	3	2	1	7	35	1,080	4,774	13,898	63,289	94,413	31,124
6	Household furniture, except upholstered	16	11	13	54	860	141,874	93,787	588,609	1,357,785	2,654,467	1,296,682
1	Ice cream and ices	10	4	5	11	80	45,125	14,438	59,429	658,686	1,423,117	764,431
1	Ice, manufactured	36	5	24	36	204	65,696	53,757	212,629	271,805	1,562,825	1,291,020
8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	3	3	5	2	32	(4)	(4)	(4)	(4)	(4)	(4)
8	Machine and hand typesetting (including advertisement typesetting)	3	2		2	12		6,500	21,080	5,858	51,230	45,372
17	Machine-shop products, not elsewhere classified	6	3	9	8	181	45,237	12,605	177,472	190,617	626,523	435,906
17	Machine-shop repairs	5	6	3	3	64	(4)	(4)	(4)	(4)	(4)	(4)
1	Malt liquors	7		15	62	661	109,710	143,530	974,803	2,653,067	10,662,514	8,009,447
6	Mattresses and bedsprings	6		9	11	95	36,674	11,517	66,123	299,459	473,310	173,851
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	3	1	2	1	57	3,820	1,750	25,857	9,812	57,063	47,251
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	13	6	18	92	1,429	152,065	136,118	753,342	1,880,527	3,321,725	1,441,198
13	Mirrors and other glass products made of purchased glass	3	2		5	18		(4)	(4)	(4)	(4)	(4)
13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	3	2	4	5	42	15,220	4,930	36,019	79,815	215,042	135,227
8	Newspapers: publishing and printing	4	2	7	405	458	(4)	(4)	(4)	(4)	(4)	(4)
8	Newspapers: publishing without printing	3	3		12			7,361		20,119	41,229	21,110
1	Nonalcoholic beverages	13	3	16	61	261	(4)	(4)	(4)	(4)	(4)	(4)
7	Paperboard containers and boxes not elsewhere classified	4	1	8	14	218	(4)	(4)	(4)	(4)	(4)	(4)
6	Partitions, shelving, cabinet work, and office and store fixtures	3	3		3	67	(4)	(4)	(4)	(4)	(4)	(4)
1	Pickled fruits and vegetables and vegetable sauces and seasonings	6	4	9	13	103	(4)	(4)	(4)	(4)	(4)	(4)
5	Planing mills not operated in conjunction with sawmills	15	11	5	47	318	19,551	79,156	336,208	726,924	1,497,127	770,203
1	Prepared feeds (including mineral) for animals and fowls	3		4	13	53	(4)	(4)	(4)	(4)	(4)	(4)
9	Printing ink	4		4	7	13	11,100	12,861	13,067	165,814	440,753	274,939
1	Rice cleaning and polishing	5	2	9	17	174	29,411	21,791	98,153	2,385,352	2,932,530	547,178
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	8	4	9	15	177	(4)	(4)	(4)	(4)	(4)	(4)
15	Sheet-metal work not specifically classified	6		14	23	91	46,601	31,416	92,908	310,241	506,682	196,441
19	Shipbuilding and ship repairing	8	1	14	61	966	72,731	152,043	1,104,494	928,157	2,831,764	1,903,607
20	Signs, advertising displays, and advertising novelties	5	3	3	8	112	(4)	(4)	(4)	(4)	(4)	(4)
14	Steel barrels, kegs, and drums	3			13	277		35,682	235,384	1,982,818	2,673,564	690,746
4	Textile bags—not made in textile mills [b]	11		12	56	928	75,968	85,783	554,438	8,610,727	10,741,090	2,130,363

See footnotes at end of table.

TABLE 9.—GENERAL STATISTICS FOR NEW ORLEANS, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
4	Trousers (semidress), wash suits, and washable service apparel	4	4	6	16	477	$25,036	$18,664	$271,587	$1,077,687	$1,655,451	$577,764
4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	9	4	8	22	637	47,268	24,454	324,220	738,430	1,348,074	609,644
	Other industries [5]	244	137	231	1,165	8,236	1,247,045	2,085,031	6,746,502	34,463,438	65,010,919	30,547,481
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	63	33	74	220	1,620	432,229	326,931	1,226,313	16,795,191	28,304,724	11,509,533
3	Textile-mill products and other fiber manufactures	12	9	12	93	2,380	136,672	184,689	1,477,238	3,408,519	6,694,485	3,285,966
4	Apparel and other finished products made from fabrics and similar materials	10	6	14	23	538	72,459	18,968	261,576	1,204,530	2,112,174	907,644
6	Furniture and finished lumber products	16	8	16	29	445	43,240	50,772	331,777	879,787	1,776,889	897,102
7	Paper and allied products	9	1	11	31	413	108,985	57,416	303,079	1,662,149	2,824,348	1,162,199
8	Printing, publishing, and allied industries	36	27	33	466	596	161,574	886,558	1,021,701	1,635,513	6,195,669	4,560,156
9	Chemicals and allied products	25	9	27	41	279	97,712	86,815	248,047	2,217,929	3,733,596	1,515,667
12	Leather and leather products	5	4	2	5	17	5,195	8,940	17,773	77,584	148,846	71,262
14	Iron and steel and their products, except machinery	15	8	11	147	728	56,800	255,668	667,346	3,606,187	5,985,696	2,379,509
15	Nonferrous metals and their products	5	2	1	6	66	1,476	9,160	74,397	86,940	235,790	148,850
17	Machinery (except electrical)	13	7	17	16	[a] 268	77,110	32,860	279,600	376,165	1,025,930	649,765
20	Miscellaneous industries	20	16	7	19	207	27,380	28,586	198,609	360,773	802,597	441,824
13	Stone, clay, and glass products	6	2	4	27	380						
5	Lumber and timber basic products	2										
10	Products of petroleum and coal	1										
16	Electrical machinery	2										
18	Automobiles and automobile equipment	2	5	2	42	299	26,213	137,668	639,046	2,152,171	5,170,175	3,018,004
19	Transportation equipment except automobiles	2										

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] Figures do not include data for personnel of central-administrative offices.

[2] Each of the averages in the "Wage earners" column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

[4] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.

[5] For numbers of establishments and of wage earners in individual industries, see table 11.

[a] and [b] To avoid disclosing exact or approximate data for individual establishments, the data for certain establishments located outside New Orleans have been included in the figures for the industries to which these footnotes are indexed. Data for these establishments are not, however, included in the totals for the city.

[a] 2 establishments. [b] 1 establishment.

TABLE 10.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY PARISHES: 1939

PARISH	Total	INDUSTRY GROUP																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
The State	1,861	805	7	22	59	265	88	33	211	114	17		6	47	36	24	4	71	5	21	26
Acadia	32	24			1	1			4									2			
Allen	12	3				5		2	2												
Ascension	11	5	1			2										1		2			
Assumption	14	14																			
Avoyelles	11	3		3		2			2	1											
Beauregard	14	5				4	3		2												
Bienville	10	1				5			1	3											
Bossier	18	1				6	2		1	5	2				1						
Caddo	150	58			1	12	9		18	11	6		1	4	7	4	2	14			[illegible]
Calcasieu	49	25				6	1		3	4				4				[illegible]			
Caldwell	3	1				2															
Cameron	2	1																1			
Catahoula	5	1		1		3															
Claiborne	11	5				3			3												
Concordia	7	1				4	1											1			
De Soto	11	2				6			1						1				1		
East Baton Rouge	51	19				9	2		8	4	2			1	2	1		2		1	
East Carroll	6	2				3												1			
East Feliciana	3					2				1											
Evangeline	9	2				5			1	1											
Franklin	10	2				6			1					1							
Grant	7	1				4	1		1												
Iberia	50	32				3	1	1	3	[illegible]				1	1	1		3		1	
Iberville	28	16		2		4	1		2					1				2			
Jackson	12					8		3	1												
Jefferson	55	26				3	4	1	1	10	1			3	2			1		3	
Jefferson Davis	12	6				2			2									2			
Lafayette	28	14				1			4	1				2		2		3			1
Lafourche	23	19							2									1		1	
La Salle	6	1				3			1		1										
Lincoln	16	8				4	1		1	1				1							
Livingston	6	1				3	1		1												
Madison	12	5				4			1	1								1			
Morehouse	13	2				3	1	4	1	2											
Natchitoches	23	7			1	11			2	1				1							
Orleans	644	246	6	12	55	17	41	9	105	45	1		5	17	18	14	2	19	2	10	20
Ouachita	67	32				9	[illegible]	4	5	7				3				3	1		
Plaquemines	8	8																			
Pointe Coupee	[illegible]	5		1		2				1											
Rapides	54	19				16	5		3	2				5	1	1		1			1
Red River	3	1				2															
Richland	5	2				2			1												
Sabine	8	2				5			1												
St. Bernard	13	9					1	2			1										
St. Charles	9	3								1	2				1					2	
St. James	13	10		1		1	1														
St. John the Baptist	13	8				4	1														
St. Landry	33	14		1		7			4	4								2			1
St. Martin	12	11		1																	
St. Mary	32	22			1	3			2						1			2		1	
St. Tammany	21	9				4	1		3	1				2						1	
Tangipahoa	39	17				13	3	1	2	1				1				1			
Tensas	6	1				5															
Terrebonne	33	29							2									1		1	
Union	4	1				3															
Vermilion	20	19							1												
Vernon	8	2				4			1	1											
Washington	23	9				4	2	4	3						1						
Webster	19	3				6	1	2	3	2	1								1		
West Baton Rouge	7	6							1												
West Carroll	8	1				6			1												
West Feliciana	7	1				5			1												
Winn	13	2				8	1		2												

TABLE 11.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE AND FOR NEW ORLEANS: 1939

[In order to avoid disclosing data for individual establishments, wage-earner figures for industries represented by fewer than three establishments are withheld]

Group No.[1]	TITLE	Number of establishments	Wage earners
	STATE OF LOUISIANA		
1	Cane sugar—except refineries	77	4,003
	Cereal preparations	1	
	Condensed and evaporated milk	1	
	Cooking and other edible fats and oils, not elsewhere classified	2	
	Custom slaughtering, wholesale	2	
	Flavoring extracts and flavoring sirups, not elsewhere classified	4	34
	Flour and other grain-mill products	3	45
	Poultry dressing and packing, wholesale	1	
	Quick-frozen foods	1	
	Salad dressings	3	41
	Wines	2	
3	Cordage and twine	2	
	Cotton broad woven goods	1	
	Hat bodies and hats, fur-felt	1	
	Hosiery—full-fashioned	1	
	Hosiery—seamless	2	
	Jute goods (except felt)	1	
	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	1	
4	Belts (apparel), regardless of material	1	
	Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors	2	
	Corsets and allied garments	1	
	Men's neckwear—made in inside factories or by jobbers engaging contractors	5	242
	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	1	
	Women's, children's, and infants' underwear and nightwear of knitted fabrics	2	
6	Partitions, shelving, cabinet work, and office and store fixtures	3	67
	Upholstered household furniture	2	
	Venetian blinds	1	
7	Coated and glazed paper	1	
	Converted paper products not elsewhere classified	1	
	Envelopes	1	
	Fiber cans, tubes, and similar products	1	
8	Books: printing without publishing	1	
	Books: publishing without printing	1	
	Electrotyping and stereotyping, not done in printing establishments	1	
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	3	32
9	Cleaning and polishing preparations, blackings, and dressings	2	
	Gum naval stores (processing but not gathering or warehousing)	2	
	Lubricating oils and greases—not made in petroleum refineries	2	
	Salt	2	
	Soap and glycerin	1	
	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	1	
10	Paving blocks and paving mixtures: asphalt, creosoted wood and composition	1	
12	Saddlery, harness, and whips	1	
	Suitcases, brief cases, bags, trunks, and other luggage	1	
13	Asbestos products (except steam packing and pipe and boiler covering)	2	
	Cement	1	
	Flat glass	1	
	Mirrors and other glass products made of purchased glass	3	18
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	2	
14	Doors, window sash, frames, molding, and trim (made of metal)	1	
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	1	
	Heating and cooking apparatus, except electric, not elsewhere classified	1	
	Saws	1	
	Steel castings	1	
	Tin cans and other tinware not elsewhere classified	4	623
	Wirework not elsewhere classified	1	
	STATE OF LOUISIANA—Continued		
15	Lighting fixtures	1	
	Nonferrous-metal foundries (except aluminum)	2	
16	Batteries, storage and primary (dry and wet)	2	
	Communication equipment	1	
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	1	
17	Agricultural machinery (except tractors)	1	
	Industrial machinery, not elsewhere classified	2	
	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	1	
	Printing-trades machinery and equipment	1	
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	1	
	Special-industry machinery, not elsewhere classified	1	
	Woodworking machinery	1	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	5	203
19	Boat building and boat repairing	1	
	Motorcycles, bicycles, and parts	1	
	Transportation equipment not elsewhere classified	2	
20	Games and toys (except dolls and children's vehicles)	1	
	Miscellaneous fabricated products not elsewhere classified	1	
	Models and patterns (except paper patterns)	1	
	Photographic apparatus and materials and projection equipment (except lenses)	1	
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	1	
	Umbrellas, parasols, and canes	1	
	CITY OF NEW ORLEANS		
1	Biscuit, crackers, and pretzels	5	449
	Cane-sugar refining	1	
	Canned and dried fruits and vegetables (including canned soups)	1	
	Cereal preparations	1	
	Cheese	2	
	Custom slaughtering, wholesale	1	
	Flavoring extracts and flavoring sirups, not elsewhere classified	4	34
	Food preparations, not elsewhere classified	5	57
	Liquors, rectified or blended	4	17
	Macaroni, spaghetti, vermicelli, and noodles	8	175
	Nonalcoholic beverages	13	261
	Pickled fruits and vegetables and vegetable sauces and seasonings	6	103
	Prepared feeds (including mineral) for animals and fowls	3	53
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	8	177
	Wines	1	
3	Batting, padding, and wadding; upholstery filling	3	52
	Cordage and twine	2	
	Cotton broad woven goods	1	
	Hat bodies and hats, fur-felt	1	
	Hosiery—full-fashioned	1	
	Hosiery—seamless	2	
	Jute goods (except felt)	1	
	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	1	
4	Belts (apparel), regardless of material	1	
	Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors	2	
	Men's neckwear—made in inside factories or by jobbers engaging contractors	4	236
	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	1	
	Women's, children's, and infants' underwear and nightwear of knitted fabrics	2	
5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	2	
6	Caskets, coffins, burial cases, and other morticians' goods	4	131
	Cooperage	2	
	Partitions, shelving, cabinet work, and office and store fixtures	3	67
	Upholstered household furniture	2	
	Window and door screens and weather strip	2	
	Wooden boxes except cigar boxes	2	
	Wood products not elsewhere classified	1	

See footnote at end of table.

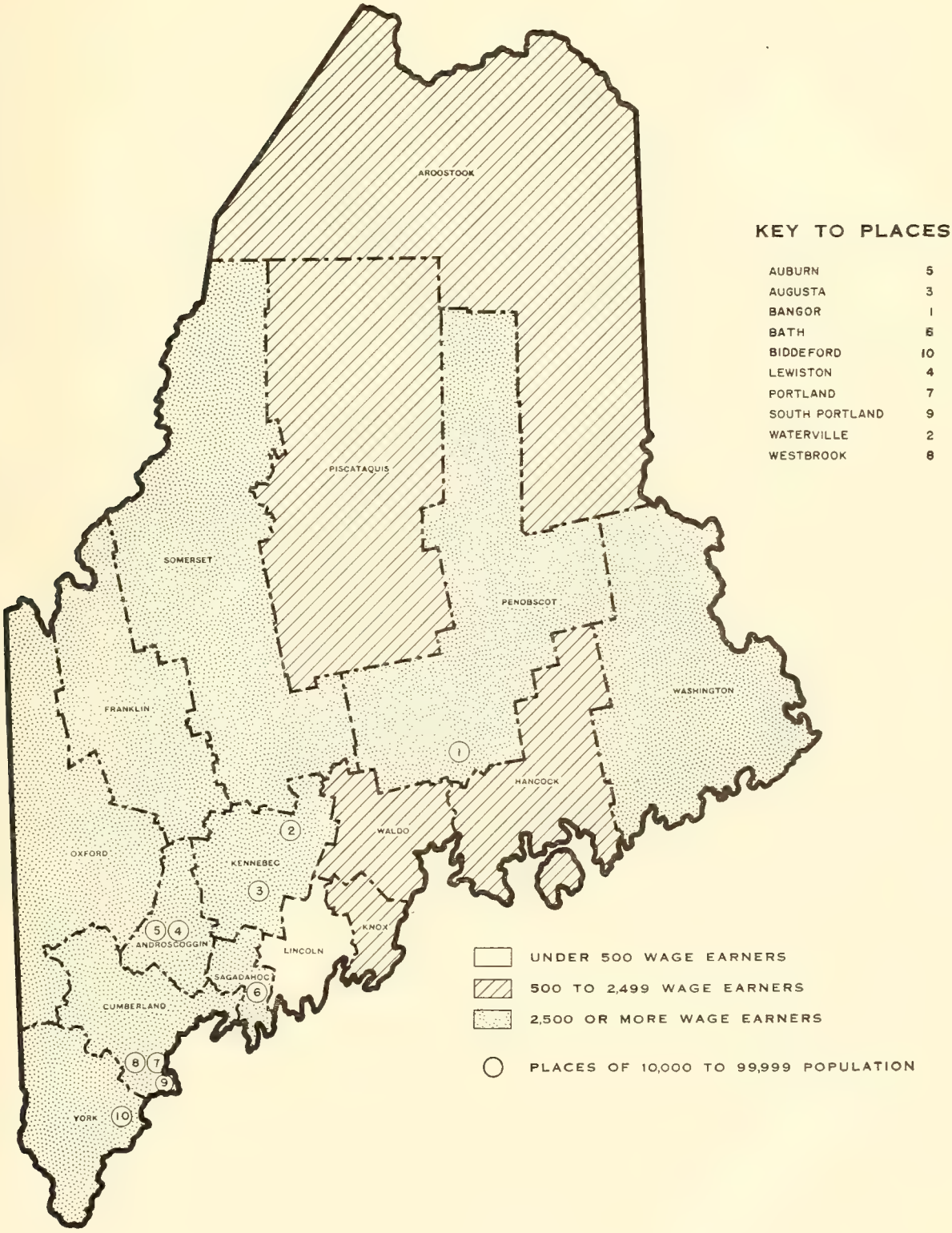
TABLE 11. INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE AND FOR NEW ORLEANS: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	CITY OF NEW ORLEANS—Continued		
7	Coated and glazed paper	1	.
	Converted paper products not elsewhere classified	1	
	Envelopes	1	
	Paper and paperboard mills	1	. .
	Paper bags, except those made in paper mills	1	. .
	Paperboard containers and boxes not elsewhere classified	4	218
8	Bookbinding and related industries	6	29
	Books: printing without publishing	1	. .
	Books: publishing without printing	1	.
	Electrotyping and stereotyping, not done in printing establishments	1	. .
	Engraving (steel, copperplate, and wood); plate printing	2	. .
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	3	32
	Newspapers: publishing and printing	4	458
	Periodicals: publishing and printing	3	18
	Periodicals: publishing without printing	11	2
	Photoengraving, not done in printing establishments (including preparation of plates)	4	24
9	Chemicals not elsewhere classified	1	. . . .
	Cleaning and polishing preparations, blackings, and dressings	2	. . . .
	Insecticides, fungicides, and related industrial and household chemical compounds	6	14
	Paints, varnishes, and lacquers	11	128
	Perfumes, cosmetics, and other toilet preparations	3	27
	Soap and glycerin	1	. . .
	Wood naval stores	1	. . . .
10	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	1	. . . .
12	Industrial leather belting and packing leather	3	10
	Saddlery, harness, and whips	1	. . . .
	Suitcases, brief cases, bags, trunks, and other luggage	1	. . . .
13	Asbestos products (except steam packing and pipe and boiler covering)	1	. . . . .
	Cement	1	. . . . .
	Mirrors and other glass products made of purchased glass	3	18
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	1	. . . . .
	CITY OF NEW ORLEANS—Continued		
14	Doors, window sash, frames, molding, and trim (made of metal)	1	.
	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	5	40
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	1	
	Gray-iron and semisteel castings	3	96
	Power boilers and associated products	2	
	Tin cans and other tinware not elsewhere classified	2	.
	Wirework not elsewhere classified	1	
15	Jewelry (precious metals)	3	47
	Lighting fixtures	1	
	Nonferrous-metal foundries (except aluminum)	1	.
16	Batteries, storage and primary (dry and wet)	2	. .
17	Blowers; exhaust and ventilating fans	2	
	Food-products machinery	1	.
	Industrial machinery, not elsewhere classified	2	.
	Machine-shop repairs	5	64
	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	1	. .
	Printing-trades machinery and equipment	1	. . .
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	1	. . . .
18	Motor vehicles, motor-vehicles bodies, parts and accessories	2	. . .
19	Motorcycles, bicycles, and parts	1	. . . .
	Transportation equipment not elsewhere classified	1	.
20	Brooms	6	48
	Games and toys (except dolls and children's vehicles)	1	. . . .
	Hand stamps, stencils, and brands	3	8
	Miscellaneous fabricated products not elsewhere classified	1	. . . .
	Models and patterns (except paper patterns)	1	. . . .
	Photographic apparatus and materials and projection equipment (except lenses)	1	. . . . .
	Signs, advertising displays, and advertising novelties	5	112
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	1	. . . . .
	Umbrellas, parasols, and canes	1	. . . . .

[1] For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and of industry groups, sec. 27.

MAINE

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939



Prepared by the Bureau of the Census, Department of Commerce

MAINE

Table 1.—SUMMARY FOR THE STATE: 1939, 1937, AND 1929

CENSUS YEAR	Number of establishments	Proprietors and firm members	Number of persons employed in manufacturing [1]	Salaries and wages [1]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2]	Value of products [2]	Value added by manufacture [3]
1939	1,210	690	81,995	$82,026,503	$192,945,181	$345,368,595	$152,423,414
1937	1,171	586	81,896	85,714,894	197,525,575	348,636,096	151,110,521
1929	1,538	890	75,192	87,866,557	214,518,040	385,997,680	171,479,640

[1] Figure for 1939 does not include data for employees of manufacturing establishments (except salaried officers of corporations) who were engaged in distribution, construction, and other nonmanufacturing work. For detail, see table 8. It is not known to what extent data for such nonmanufacturing employees were included in figures reported for earlier years. See General Explanations—Persons engaged—general classification.

[2] The aggregates for cost of materials, etc., and value of products include large amounts of duplication due to the use of the products of some industries as materials by others. See General Explanations—Duplication in cost of materials and value of products.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See General Explanations—Value added by manufacture.

Table 2.—SUMMARY FOR COUNTIES AND PLACES: 1939

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
The State	847,226	[5] 1,210	75,656	$68,434,288	$192,945,181	$345,368,595	$152,423,414
COUNTIES [6]							
Androscoggin	76,679	153	14,308	11,994,771	29,320,718	55,848,447	26,527,729
Aroostook	94,436	73	2,195	1,790,084	8,349,541	13,170,135	4,820,594
Cumberland	146,000	228	9,260	8,806,475	26,719,193	48,531,188	21,811,995
Franklin	19,896	43	2,698	2,378,097	6,063,484	10,748,999	4,685,515
Hancock	32,422	26	1,033	1,180,504	5,837,243	9,773,408	3,936,165
Kennebec	77,231	78	8,627	8,248,343	20,617,619	38,196,825	17,579,206
Knox	27,191	48	1,461	1,261,983	2,901,989	6,149,370	3,247,381
Lincoln	16,294	18	218	145,549	324,159	638,423	314,264
Oxford	42,662	84	5,193	4,962,501	16,215,926	25,452,834	9,236,908
Penobscot	97,104	127	5,999	6,422,171	23,423,605	41,883,725	18,460,120
Piscataquis	18,467	30	1,284	982,427	1,658,923	3,711,124	2,052,201
Sagadahoc	19,123	27	3,451	4,471,496	14,107,377	21,258,527	7,151,150
Somerset	38,245	86	3,708	3,094,438	8,099,371	14,474,978	6,375,607
Waldo	21,159	18	683	397,531	1,347,090	2,226,162	879,072
Washington	37,767	74	2,518	1,487,450	6,626,149	11,047,650	4,421,501
York	82,550	97	13,020	10,810,468	21,332,794	42,256,800	20,924,006

See footnotes at end of table.

TABLE 2.—SUMMARY FOR COUNTIES AND PLACES: 1939—Continued

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
PLACES HAVING 10,000 OR MORE INHABITANTS							
Auburn	19,817	71	5,717	$4,697,104	$8,829,981	$16,950,480	$8,120,499
Augusta	19,360	20	2,432	2,083,519	4,718,091	8,398,086	3,679,995
Bangor	29,822	51	1,130	987,801	3,114,199	5,852,834	2,738,635
Bath [5]	10,235	15	2,813				
Biddeford	19,790	17	4,762	4,312,906	6,956,774	15,691,745	8,734,971
Lewiston	38,598	58	7,273	6,054,091	16,865,096	32,168,779	15,303,683
Portland	73,643	152	4,028	3,918,952	13,769,763	25,075,176	11,305,413
South Portland	15,781	10	328	299,115	706,751	1,434,320	727,569
Waterville	16,688	17	2,057	1,870,195	4,582,715	9,171,843	4,589,128
Westbrook [6]	11,087	11	2,499				

[1] Not including salaried officers and employees nor nonmanufacturing wage earners. The figure for each county or place is an average of the numbers reported for the several months of the year. In calculating it, equal weight must be given to full-time and to part-time wage earners (not reported separately by the manufacturers), and for this reason it exceeds the number that would have been required to perform the work done in the industries if all wage earners had been continuously employed throughout the year. The quotient obtained by dividing the amount of wages by the average number of wage earners cannot, therefore, be accepted as representing the average wage received by full-time wage earners. Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several counties do not add exactly to the average for the State. In making comparisons between the figures for 1939 and those for earlier years, the possibility that the proportion of part-time employment varied from year to year should be taken into account.

[2] Profits and losses cannot be calculated from the census figures because no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, and advertising.

[3] See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

[5] For numbers of establishments by "Industry groups," see table 9.

[6] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments.

TABLE 3.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, BY SEX: 1939 AND 1929

[The 1939 questionnaire, for the first time, called for data on the *total* number of employees in manufacturing establishments, including those engaged wholly or chiefly in distribution, construction, and other nonmanufacturing activities. It is not known to what extent data for such employees were included in the figures reported for earlier years. This table presents detailed figures for employees receiving pay at any time within the *normal* pay-roll period ended nearest Oct. 14, 1939, and for such employees on the pay roll on Dec. 14, 1929, or on the nearest *representative* date. The total for "Wage earners engaged in manufacturing" is not identical with the average for the year (given in other tables), and differs from the number reported for October 1939 or for December 1929, because for both years some manufacturers gave wage-earner figures for months other than those specified. See GENERAL EXPLANATIONS—Persons engaged—general classification]

CLASS AND SEX	1939 [1] (Oct. 14)	1929 [1] (Dec. 14)
All classes, aggregate [2]	93,047	75,182
Male	65,541	55,435
Female	27,506	19,747
Salaried officers and employees, total	8,322	6,372
Male	6,095	4,616
Female	2,227	1,756
Salaried officers of corporations, total	762	830
Male	695	785
Female	67	45
All other employees (except wage earners in manufacturing), total	7,560	5,542
Male	5,400	3,831
Female	2,160	1,711
Salaried officers and employees—Continued.		
All other employees—Continued.		
Engaged in manufacturing:		
Male	3,831	(3)
Female	1,746	
Engaged in distribution:		
Male	1,096	
Female	398	
Engaged in construction:		
Male	409	
Engaged in other work:		
Male	64	
Female	16	
Wage earners engaged in manufacturing, total	84,725	63,810
Male	59,446	50,819
Female	25,279	17,991

[1] See headnote.

[2] Figures do not include data for 690 proprietors and firm members for 1939 and 890 for 1929, which were not reported by sex for 1939.

[3] No data.

TABLE 4. WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS: 1939, 1937, AND 1929

[The figures for 1939 relate to wage earners engaged in manufacturing only. It is not known to what extent the figures for earlier years include data for nonmanufacturing wage earners. See headnote to table 3]

CENSUS YEAR	Average number employed during year [1]	NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH—											
		January	February	March	April	May	June	July	August	September	October	November	December
1939	75,656	71,778	72,856	70,630	70,393	72,823	75,905	79,815	82,083	80,228	78,774	75,910	76,679
1937	75,464	77,047	78,425	78,975	76,515	77,035	77,176	78,683	80,904	78,929	70,414	64,990	66,475
1929	68,820	62,549	64,997	66,744	68,539	68,648	70,308	70,765	72,960	76,018	73,406	66,182	64,721

[1] See GENERAL EXPLANATIONS—Wage earners and wages.

TABLE 5.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY NUMBER OF WAGE EARNERS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS	VALUE ADDED BY MANUFACTURE [2]
	1939	1929	1939	1929	1939	1939
All establishments	1,210	1,538	75,656	68,820	$345,368,595	$152,423,414
No wage earners	9	18			254,891	89,105
1 to 5	423	693	1,224	2,143	7,296,401	3,684,457
6 to 20	357	394	3,963	4,186	19,219,500	8,715,461
21 to 50	154	184	4,988	6,161	17,671,249	8,478,260
51 to 100	111	98	8,047	6,881	32,310,740	14,905,094
101 to 250	81	91	12,756	13,131	68,134,759	29,983,498
251 to 500	47	34	16,468	11,602	83,476,123	34,833,086
501 to 1,000	14	18	9,060	12,667	31,960,592	13,277,356
1,001 to 2,500	14	7	19,150	[3] 12,049	85,044,340	38,457,097
2,501 or more		1				

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Combined to avoid disclosing data for individual establishments.

TABLE 6.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY VALUE OF PRODUCTS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
All establishments	1,210	1,538	75,656	68,820	$345,368,595	$385,997,680	$152,423,414	$171,479,640
$5,000 to $19,999	451	612	2,088	2,026	5,028,827	6,946,788	3,020,182	4,053,450
$20,000 to $49,999	264	333	3,285	2,874	8,374,471	11,056,776	4,858,985	6,225,892
$50,000 to $99,999	122	172	2,573	2,894	8,547,685	12,167,012	4,379,054	6,459,688
$100,000 to $249,999	154	181	6,656	6,289	24,333,344	27,323,813	11,611,534	12,904,386
$250,000 to $499,999	77	96	7,196	7,730	27,471,745	34,407,168	12,367,021	17,578,034
$500,000 to $999,999	59	62	9,579	8,604	42,601,047	44,108,146	18,586,327	19,612,337
$1,000,000 to $2,499,999	55	47	20,033	12,557	84,397,550	73,217,546	38,130,165	32,114,845
$2,500,000 to $4,999,999	17	25	10,170	14,845	56,376,851	82,438,757	22,049,509	33,458,340
$5,000,000 and over	11	10	14,076	11,001	88,237,075	94,331,674	37,420,637	39,072,668

[1] See headnotes to tables 3 and 4.

[2] See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 7.—ESTABLISHMENTS CLASSIFIED AS UNDER CORPORATE OR OTHER FORM OF OWNERSHIP (OR CONTROL) AND AS UNDER CENTRAL-ADMINISTRATIVE-OFFICE OR INDEPENDENT OPERATION: 1939 AND 1929

TYPE OF OWNERSHIP OR CONTROL, AND OF OPERATION	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR)[1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
Total	1,210	1,538	75,656	68,820	$345,368,595	$385,997,680	$152,423,414	$171,479,640
TYPE OF OPERATION								
1939 [3]								
Corporate ownership or control:								
Central-administrative-office (plural-unit)	280	(3)	44,563	(3)	223,360,364	(3)	98,176,888	(3)
Independent (single-unit)	397	(3)	23,939	(3)	101,191,123	(3)	43,781,358	(3)
Noncorporate ownership:								
Central-administrative-office (plural-unit)	46	(3)	1,376	(3)	5,161,007	(3)	2,425,577	(3)
Independent (single-unit)	487	(3)	5,778	(3)	15,656,101	(3)	8,039,591	(3)
1939 AND 1929 [3]								
Central-administrative-office (plural-unit), corporate and noncorporate	326	309	45,939	38,922	228,521,371	246,687,762	100,602,465	102,757,636
Independent (single-unit), corporate and noncorporate	884	1,229	29,717	29,898	116,847,224	139,309,918	51,820,949	68,722,004
TYPE OF OWNERSHIP OR CONTROL								
Corporate	677	750	68,502	62,145	324,551,487	359,156,972	141,958,246	157,312,028
Noncorporate, total	533	788	7,154	6,675	20,817,108	26,840,708	10,465,168	14,167,612
Individual	380	(4)	4,241	(4)	9,282,414	(4)	5,125,302	(4)
Partnership	143	(4)	2,706	(4)	9,874,620	(4)	4,767,763	(4)
Cooperative	9	(5)	207		1,660,074		572,103	
Other	1							

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Because of changes in the questionnaire, no comparable figures for 1929 can be given for the first section of this table. For this reason, the items have been regrouped under "1939 and 1929" to present comparable figures so far as this can be done.
[4] No data.
[5] Figures for 1939 combined to avoid disclosing data for individual establishments; no data for 1929.

TABLE 8.—GENERAL STATISTICS FOR

[This table presents separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments, given, however, reported larger numbers of wage earners or

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1]						
					Total [3]	Salaried officers of corporations [2]	Manufacturing		Distribution	Construction	Other
							Salaried employees [2]	Wage earners (average for year) [3]			
1		All industries, total	1,210	690	83,978	762	5,577	75,656	1,494	409	80
2	19	Boat building and boat repairing	11	9	230	8	6	212	4		
3	8	Bookbinding and related industries	7	8	24		1	23			
4	8	Books: printing without publishing	5	2	46	5	8	32	1		
5	12	Boot and shoe cut stock and findings	16	3	713	20	52	631	9	1	
6	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	95	92	1,448	28	102	1,168	124	16	10
7	13	Brick and hollow structural tile	13	14	144	5	7	121	11		
8	1	Candy and other confectionery products	4	2	24	3	2	18	1		
9	1	Canned and dried fruits and vegetables (including canned soups)	43	10	1,282	15	117	1,067	65	13	5
10	1	Canned fish, crustacea, and mollusks	38	17	2,414	36	78	2,294	5	1	
11	3	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	3		43	4	6	32		1	
12	6	Caskets, collins, burial cases, and other morticians' goods	5	1	70	7	5	52	6		
13	2	Cigars	3	2	32	2	1	26	3		
14	13	Concrete products	3	2	89		4	85			
15	6	Cooperage	6	4	15		1	14			
16	1	Corn sirup, corn sugar, corn oil, and starch	17	7	119	3	4	90	5	17	
17	3	Cotton broad woven goods	9		9,597	11	460	9,110		10	6
18	1	Cured fish	15	18	277	2	8	259	2	6	
19	14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	9	4	147	6	13	113	8	6	1
20	9	Fertilizers	14	5	230	15	23	163	25		4
21	9	Fish and other marine oils, cake, and meal	4	1	52	4	6	38	4		
22	1	Flavoring extracts and flavoring sirups, not elsewhere classified	6	2	45		3	20	22		
23	1	Flour and other grain-mill products	5	3	13		2	11			
24	12	Footwear (except rubber)	57	14	16,580	97	830	15,510	129	8	6
25	8	General commercial (job) printing	52	44	264	28	29	197	10		
26	14	Gray-iron and semisteel castings	8	6	124	8	12	104			
27	14	Hardware not elsewhere classified	3		445	10	38	341	56		
28	6	Household furniture, except upholstered	5	2	315	9	15	285	1		5
29	1	Ice cream and ices	15	9	203	4	27	93	64		15
30	9	Insecticides, fungicides, and related industrial and household chemical compounds	6	4	25	3	1	20	1		
31	12	Leather: tanned, curried, and finished—contract factories	4		269	5	18	246			
32	5	Logging camps and logging contractors (not operating sawmills)	49	54	1,207	1	35	1,171			
33	8	Machine and hand typesetting (including advertisement typesetting)	3	3	45		3	39	3		
34	17	Machine-shop products, not elsewhere classified	10	4	213	15	47	147	1		3
35	17	Machine shop repairs	6	7	38		1	34	3		
36	6	Mattresses and bedsprings	5	3	75	2	6	64	3		
37	1	Meat packing, wholesale	6	3	177	8	14	115	37		3
38	13	Minerals and earths, ground or otherwise treated	4	1	55	1	9	43		2	
39	13	Monuments, tombstones, cut-stone, and stone products, not elsewhere classified	17	11	504	6	33	458	7		
40	8	Newspapers: publishing and printing	46	20	1,204	36	358	568	242		
41	1	Nonalcoholic beverages	42	28	292	11	43	107	131		
42	7	Paper and paperboard mills	23		8,766	14	726	7,773	38	215	
43	7	Paperboard containers and boxes not elsewhere classified	6		157	6	8	134	9		
44	8	Periodicals: publishing and printing	3	1	168	3	20	136	9		
45	8	Photoengraving, not done in printing establishments (including preparation of plates)	5	4	23	3	2	17	1		
46	1	Pickled fruits and vegetables and vegetable sauces and seasonings	3	2	36	1	2	33			
47	5	Planing mills not operated in conjunction with sawmills	26	11	440	18	40	358	22	2	
48	1	Prepared feeds (including mineral) for animals and fowls	4	5	28	2	1	18	7		
49	3	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	4		237	4	17	212	4		
50	7	Pulp mills	21		3,335	5	228	3,048		54	
51	11	Rubber products not elsewhere classified	3	1	95	4	11	79	1		
52	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	10	[illegible]	135	5	13	82	34	1	
53	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	165	143	3,285	43	131	3,059	45	7	
54	19	Shipbuilding and ship repairing	14	11	2,589	12	200	2,376			1
55	20	Signs, advertising displays, and advertising novelties	5	3	38	4	4	27	3		
56	20	Sporting and athletic goods not elsewhere classified	7	7	146	2	18	126			
57	17	Textile machinery	3		2,601	3	254	2,260	64	20	
58	6	Wooden boxes except cigar boxes	10	2	598	7	26	562	3		
59	6	Wood products not elsewhere classified	69	36	3,201	54	173	2,913	45	2	14
60	3	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	40	2	9,431	50	562	8,786	32	1	
61	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	7	2	284	3	16	260	4		1

See footnotes at end of table.

THE STATE, BY INDUSTRIES: 1939

and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures are larger values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
84,834,726	3,634,289	9,957,926	68,434,288	2,284,313	444,537	79,373	192,945,181	180,899,745	7,026,871	4,232,721	785,844	345,368,595	152,423,414	1
216,193	29,937	4,697	173,771	7,788	----------	----------	233,346	225,655	4,162	3,529	----------	576,827	343,481	2
20,962	----------	2,600	18,362	----------	----------	----------	14,415	11,736	688	614	1,377	69,033	54,618	3
56,176	14,546	7,902	29,512	4,216	----------	----------	57,102	34,454	787	1,484	20,377	131,258	74,156	4
638,056	86,208	66,418	466,093	17,933	1,404	----------	1,007,576	991,875	2,489	13,212	----------	1,932,950	925,374	5
1,705,846	139,747	155,142	1,255,757	126,497	17,029	11,674	3,479,504	3,328,061	99,919	51,524	----------	6,759,951	3,280,447	6
124,422	7,260	11,068	99,024	7,070	----------	----------	59,131	18,864	38,053	2,214	----------	226,842	167,711	7
27,571	5,250	1,100	19,721	1,500	----------	----------	35,361	33,955	742	664	----------	77,675	42,314	8
989,023	32,895	144,751	699,088	83,373	23,347	5,569	4,286,159	4,194,415	75,049	16,695	----------	6,482,588	2,196,429	9
1,221,222	97,132	91,684	1,025,905	6,313	188	----------	4,889,823	4,774,629	94,095	21,099	----------	8,159,590	3,269,767	10
33,085	8,500	6,681	16,704	----------	1,200	----------	29,329	27,295	707	551	776	68,905	39,576	11
99,516	24,430	8,780	53,047	13,259	----------	----------	155,728	150,608	2,813	2,307	----------	306,267	150,539	12
24,644	1,901	1,300	19,856	1,587	----------	----------	32,114	31,231	523	360	----------	66,813	34,699	13
(5)	----------	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	14
13,410	----------	956	12,454	----------	----------	----------	26,951	26,015	420	516	----------	49,302	22,351	15
96,327	5,580	5,085	68,245	6,644	10,773	----------	473,060	420,545	33,447	19,068	----------	787,507	314,447	16
8,005,747	74,341	754,883	7,164,339	----------	6,162	6,022	12,231,669	11,519,500	215,890	474,920	21,359	28,342,860	16,111,191	17
98,163	11,893	6,979	71,371	5,000	2,920	----------	168,636	164,557	2,158	1,921	----------	313,318	144,682	18
174,360	19,172	22,011	120,061	11,039	1,067	1,010	111,959	92,807	11,341	7,214	597	372,511	260,552	19
216,437	44,391	31,382	110,761	25,691	----------	4,212	1,926,025	1,920,069	350	5,606	----------	2,491,879	565,854	20
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	21
(5)	----------	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	22
9,925	----------	1,860	8,065	----------	----------	----------	115,010	111,866	360	2,784	----------	153,940	38,930	23
14,893,349	665,385	1,451,347	12,353,483	408,600	10,961	3,573	25,286,753	25,013,540	77,954	186,857	8,402	46,162,403	20,875,650	24
317,853	62,114	33,206	214,016	8,517	----------	----------	270,370	228,743	4,955	8,839	27,833	818,327	547,957	25
128,507	12,170	24,078	92,259	----------	----------	----------	61,915	49,657	8,811	3,447	----------	218,284	156,369	26
582,201	36,280	55,373	425,545	65,003	----------	----------	549,553	479,903	35,885	21,454	12,311	1,436,844	887,291	27
322,142	62,088	27,679	224,805	156	----------	7,414	347,119	334,668	4,880	7,571	----------	870,658	523,539	28
287,613	35,400	49,796	92,733	86,425	763	22,496	841,473	805,662	9,734	26,077	----------	1,607,087	765,614	29
30,537	5,865	2,430	20,762	1,480	----------	----------	78,300	74,478	1,703	2,119	----------	132,095	53,795	30
235,719	14,475	18,966	202,278	----------	----------	----------	194,327	166,079	16,912	11,336	----------	549,982	355,655	31
683,353	1,694	27,903	653,756	----------	----------	----------	486,361	410,733	1,500	----------	74,128	1,296,106	809,745	32
48,184	----------	4,208	42,789	1,187	----------	----------	20,474	11,834	1,146	1,531	5,963	93,329	72,855	33
283,455	37,744	64,979	178,566	290	----------	1,876	248,048	227,136	11,851	8,865	196	615,729	367,681	34
51,303	----------	1,560	47,199	2,544	----------	----------	24,179	20,889	1,025	2,265	----------	116,278	92,099	35
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	36
214,456	29,170	16,847	126,451	39,018	----------	2,970	1,632,044	1,613,029	10,944	8,071	----------	1,998,743	366,699	37
54,322	9,905	16,608	25,748	----------	2,061	----------	104,369	85,289	2,940	16,140	----------	239,521	135,152	38
594,408	29,950	56,451	496,739	11,268	----------	----------	230,846	173,083	28,136	29,627	----------	1,211,722	980,876	39
1,821,677	188,487	579,560	764,977	288,653	----------	----------	682,508	598,393	24,424	37,458	22,233	4,052,628	3,370,120	40
367,374	44,554	63,638	92,195	166,663	----------	324	574,383	553,499	11,550	9,334	----------	1,346,756	772,373	41
12,307,980	108,895	1,731,440	10,168,937	88,755	209,953	----------	40,117,890	36,020,841	3,470,416	626,633	----------	69,278,265	29,160,375	42
156,980	21,667	13,155	109,069	13,089	----------	----------	226,829	219,133	3,134	4,562	----------	494,912	268,083	43
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	44
37,875	8,824	2,540	25,575	936	----------	----------	11,319	9,937	313	1,069	----------	70,177	58,858	45
(5)	(5)	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	46
455,503	52,663	52,954	315,862	32,063	1,961	----------	902,396	868,522	9,018	24,353	503	1,534,776	632,380	47
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	48
236,667	28,035	21,930	170,254	16,448	----------	----------	678,719	626,853	24,796	11,825	15,245	1,053,321	374,602	49
4,369,825	34,612	567,230	3,701,009	----------	66,974	----------	18,490,831	15,991,970	1,149,745	1,349,116	----------	25,370,932	6,880,101	50
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	51
172,392	18,840	17,988	86,023	48,341	1,200	----------	1,055,453	1,034,851	8,007	12,595	----------	1,375,832	320,379	52
2,329,139	108,345	143,450	2,022,886	38,549	15,909	----------	2,403,391	2,157,317	23,351	57,016	165,707	6,055,091	3,651,700	53
(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	54
43,587	8,474	2,508	27,627	4,978	----------	----------	35,138	33,246	734	1,158	----------	125,231	90,093	55
130,551	7,576	23,462	99,513	----------	----------	----------	180,206	168,942	916	6,607	3,741	407,904	227,698	56
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	57
585,930	13,320	59,844	509,006	3,760	----------	----------	817,409	788,584	----------	28,825	----------	1,731,866	914,457	58
2,903,700	177,337	260,775	2,334,110	124,514	2,263	4,701	2,538,585	2,404,302	30,948	75,489	27,846	7,136,190	4,597,605	59
9,145,500	449,124	1,142,940	7,450,799	102,637	----------	----------	20,083,535	19,031,914	679,106	278,696	93,819	36,118,681	16,035,146	60
179,556	3,340	21,788	149,332	4,316	----------	780	582,514	576,600	2,419	3,495	----------	903,618	321,104	61

TABLE 8.—GENERAL STATISTICS FOR THE

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1]						
					Total [4]	Salaried officers of corporations [2]	Manufacturing		Distribution	Construction	Other
							Salaried employees [4]	Wage earners (average for year) [3]			
1		Other industries [6]	161	66	15,073	132	1,204	13,384	300	46	7
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]									
2	1	Food and kindred products	27	15	389	6	22	322	37	...	2
3	3	Textile-mill products and other fiber manufactures	13	4	4,370	8	221	4,111	28	2	...
4	4	Apparel and other finished products made from fabrics and similar materials	11	3	918	13	43	830	29	...	3
5	6	Furniture and finished lumber products	13	5	612	7	45	552	8	...	...
6	8	Printing, publishing, and allied industries	9	4	203	9	34	148	12		.
7	9	Chemicals and allied products	13	4	153	9	29	92	20	3	
8	13	Stone, clay, and glass products	6	2	456	7	39	399	11		
9	14	Iron and steel and their products, except machinery	16	7	649	16	116	486	31		
10	15	Nonferrous metals and their products	5	1	67	7	6	48	6		
11	17	Machinery (except electrical)	11	3	3,082	11	298	2,680	65	27	1
12	20	Miscellaneous industries	8	3	162	4	14	142		2	..
13	11	Rubber products	3	1	95	4	11	79	1	....	
	19	Transportation equipment except automobiles	14	11	2,589	12	200	2,376	.. .	... .	1
	7	Paper and allied products	4	3	1,328	19	126	1,119	52	12	.
	10	Products of petroleum and coal	1								
	12	Leather and leather products	5								
	18	Automobiles and automobile equipment	2								

* As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.

[2] Figures do not include data for personnel of central-administrative offices.

[3] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [3]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [3]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
17,092,003	754,773	2,076,014	13,777,849	408,213	68,402	6,752	43,855,046	42,041,981	785,625	744,009	283,431	73,575,291	29,720,245	1
351,437	12,440	32,126	254,072	48,185	2,425	2,189	1,592,511	1,536,097	33,472	22,942	.....	2,737,346	1,144.835	2
4,025,388	64,180	393,301	3,508,285	56,553	3,069	.....	14,435,689	14,079,669	187,628	168,392	.....	22,007,378	7,571,689	3
709,407	99,262	55,891	537,976	13,759	.....	2,519	2,260,646	2,032,980	4,628	9,116	213,922	3,329,166	1,068,520	4
671,300	52,700	86,116	520,086	12,398	.....	.....	1,451,822	1,436,662	8,114	7,046	.....	2,445,942	994,120	5
201,776	26,429	45,406	112,437	17,504	.....	.....	189,899	164,515	4,543	4,188	16,653	776,849	586,950	6
220,565	54,281	39,896	95,701	25,692	4,995	.....	587,502	529,730	30,448	27,324	.....	1,161,441	573,939	7
518,857	20,138	85,413	389,887	23,419	.....	.....	694,656	388,911	206,292	99,453	.....	2,030,529	1,335,873	8
911,188	71,684	238,444	554,087	42,926	4,047	.....	3,615,300	3,539,820	46,080	29,200	200	5,738,857	2,123,557	9
107,396	35,535	9,721	53,046	9,094	.....	.....	177,226	172,239	2,820	2,167	.....	383,002	205,776	10
3,632,097	68,747	496,760	2,935,468	95,189	34,889	1,044	2,639,187	2,418,583	90,455	105,586	24,563	8,317,528	5,678,341	11
151,851	12,427	17,849	118,875	.....	2,700	.....	532,168	517,630	7,371	7,167	.....	768,207	236,039	12
5,590,741	236,950	575,091	4,697,929	63,494	16,277	1,000	15,678,440	15,225,145	163,774	261,428	28,093	23,879,046	8,200,606	13

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[6] For numbers of establishments and of wage earners in individual industries, see table 10.

TABLE 9.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939

COUNTY	Total	INDUSTRY GROUP 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
The State	1,210	317	3	69	18	240	108	54	127	33	1	3	82	40	36	5		27	2	25	20
Androscoggin	153	40		11	2	10	11	8	11	4		2	31	8	7			5			3
Aroostook	73	29			2	18	6	1	5	10								2			
Cumberland	228	69		8	7	24	15	5	11	7	1		8	10	11	4		5		3	7
Franklin	43	8		2		12	13	3	2				1	1				1			
Hancock	26	8				3	2	2	2				1	4						4	
Kennebec	78	14		8	1	9	4	7	17	1			8		6			2		1	
Knox	48	11		5	2	7	3		5	1				7				2	1	4	
Lincoln	18	6				2			3											6	1
Oxford	84	12		1		30	24	4	4				5	1	1						2
Penobscot	127	32	3	10	1	16	10	13	10	3		1	8	2	7	1		3	1	2	4
Piscataquis	30	2		4		15	4		2					3							
Sagadahoc	27	6		1	2	2	1	3	2	1			1	3	2			2		1	
Somerset	86	4		9		44	8	5	5				4					2		2	3
Waldo	18	5			1	5	2	1	2	1			1								
Washington	74	45				16		1	4	5			1		1					1	
York	97	26		10		27	5	1	9				13	1	1			3		1	

TABLE 10.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE: 1939

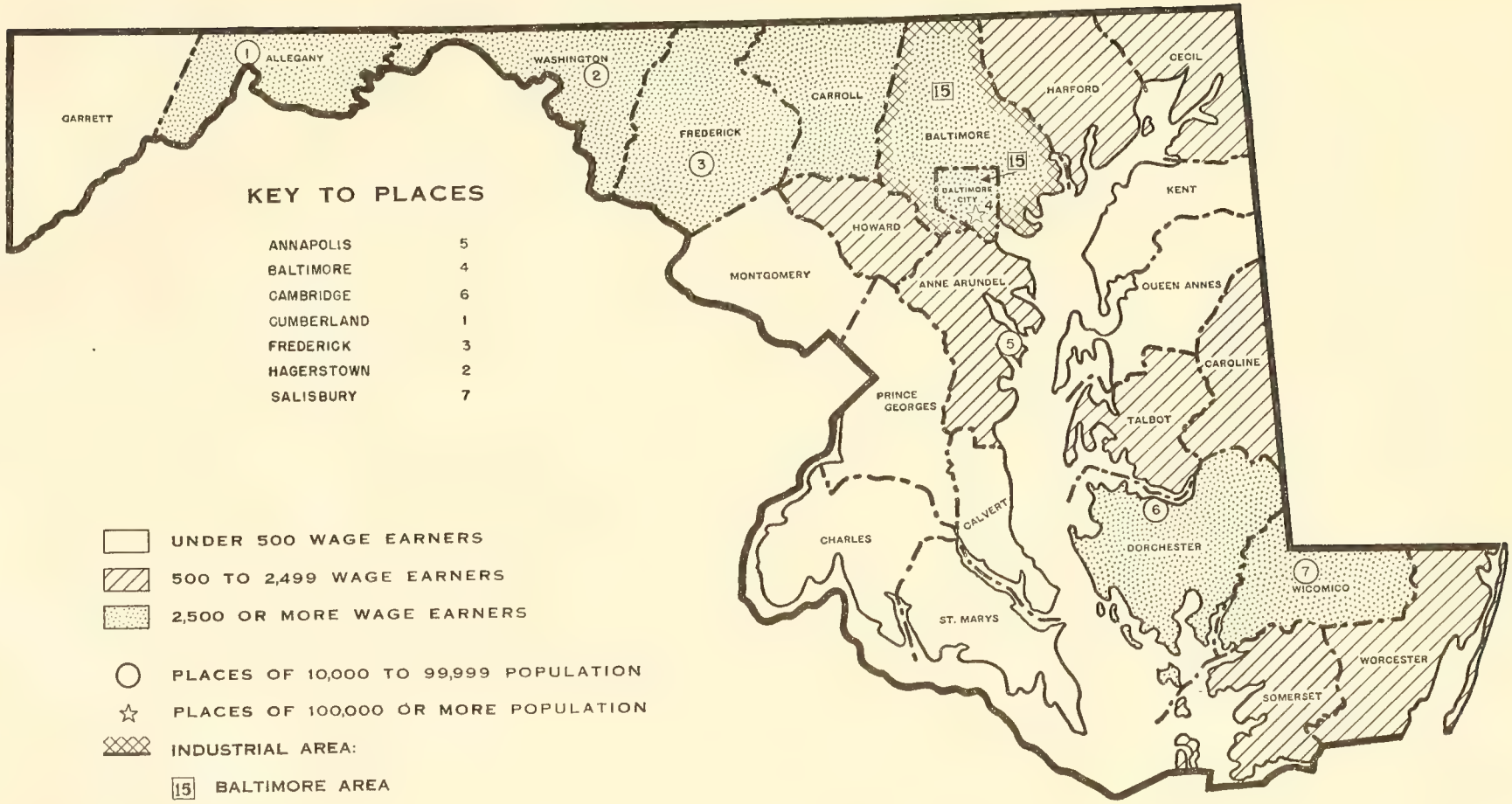
[In order to avoid disclosing data for individual establishments, wage-earner figures for industries represented by fewer than three establishments are withheld]

Group No.[1]	TITLE	Number of establishments	Wage earners
	STATE OF MAINE		
1	Biscuit, crackers, and pretzels	1	
	Condensed and evaporated milk	2	
	Creamery butter	2	
	Flavoring extracts and flavoring sirups, not elsewhere classified	6	20
	Ice, manufactured	2	
	Liquors, rectified or blended	1	
	Pickled fruits and vegetables and vegetable sauces and seasonings	3	33
	Poultry dressing and packing, wholesale	2	
	Prepared feeds (including mineral) for animals and fowls	4	18
	Preserves, jams, jellies, and fruit butters	1	
	Quick-frozen foods	2	
	Vinegar and cider	1	
3	Artificial leather and oilcloth	1	
	Cordage and twine	1	
	Cotton yarn	1	
	Dyeing and finishing cotton, rayon, silk, and linen textiles	1	
	Hosiery—seamless	2	
	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	1	
	Linoleum, asphalted-felt-base, and other hard-surface floor coverings, not elsewhere classified	2	
	Rayon broad woven goods—regular factories or jobbers engaging contractors	2	
	Woolen and worsted manufactures—contract factories	2	
4	Canvas products (except bags)	1	
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	1	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	1	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	1	
	Robes, lounging garments, and dressing gowns	1	
	Textile bags—not made in textile mills	2	
	Trousers (semidress), wash suits, and washable service apparel	2	
	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	1	
	Work gloves and mittens: cloth, cloth and leather combined	1	
6	Lasts and related products	2	
	Matches	1	
	Mattresses and bedsprings	5	64
	Mirror frames and picture frames	1	
	Partitions, shelving, cabinet work, and office and store fixtures	2	
	Upholstered household furniture	1	
	Wood preserving	1	
7	Coated and glazed paper	1	
	Converted paper products not elsewhere classified	1	
	Fiber cans, tubes, and similar products	1	
	Pulp goods (pressed, molded)	1	
8	Books, publishing and printing	1	
	Books, publishing without printing	1	
	Electrotyping and stereotyping, not done in printing establishments	2	
	Periodicals: publishing and printing	3	136
	Periodicals: publishing without printing	2	
	STATE OF MAINE—Continued		
9	Chemicals not elsewhere classified	2	
	Cleaning and polishing preparations, blackings, and dressings	2	
	Coal-tar products, crude and intermediate	1	
	Drugs and medicines (including drug grinding)	2	
	Fish and other marine oils, cake, and meal	4	38
	Grease and tallow (except lubricating greases)	1	
	Paints, varnishes, and lacquers	1	
10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	1	
11	Rubber products not elsewhere classified	3	79
12	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	3	335
	Small leather goods	1	
	Suitcases, brief cases, bags, trunks, and other luggage	1	
13	Cement	1	
	Concrete products	3	85
	Lime	1	
	Sewer pipe and kindred products	1	
14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semi-vitreous china sanitary ware)	2	
	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	2	
	Oil burners, domestic and industrial	1	
	Power boilers and associated products	1	
	Saws	2	
	Stamped and pressed metal products (except automobile stampings)	1	
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	2	
	Tin cans and other tinware not elsewhere classified	2	
	Tools (except edge tools, machine tools, files, and saws)	2	
	Wire drawn from purchased rods	1	
15	Jewelry (precious metals)	1	
	Nonferrous-metal foundries (except aluminum)	2	
	Sheet-metal work not specifically classified	2	
17	Agricultural machinery (except tractors)	2	
	Construction and similar machinery (except mining and oil-field machinery and tools)	1	
	Industrial machinery, not elsewhere classified	1	
	Paper-mill, pulp-mill, and paper-products machinery	1	
	Printing-trades machinery and equipment	2	
	Textile machinery	3	2,260
	Woodworking machinery	1	
18	Motor vehicles, motor-vehicles bodies, parts and accessories	2	
19	Shipbuilding and ship repairing	14	2,376
20	Brooms	1	
	Brushes	1	
	Buttons	1	
	Games and toys (except dolls and children's vehicles)	1	
	Hand stamps, stencils, and brands	1	
	Miscellaneous fabricated products not elsewhere classified	1	
	Models and patterns (except paper patterns)	1	
	Wool pulling	1	

[1] For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and of industry groups, sec. 27.

MARYLAND

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939



Prepared by the Bureau of the Census, Department of Commerce

MARYLAND

Table 1.—SUMMARY FOR THE STATE: 1939, 1937, AND 1929

Census year	Number of establishments	Proprietors and firm members	Number of persons employed in manufacturing [1]	Salaries and wages [1]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2]	Value of products [2]	Value added by manufacture [3]
1939	2,893	2,271	157,169	$193,560,599	$604,504,715	$1,027,354,074	$422,849,359
1937	2,683	1,924	164,368	197,782,453	665,027,358	1,095,862,972	430,835,614
1929	3,175	2,358	140,837	178,127,998	671,089,721	1,068,016,342	396,926,621

[1] Figure for 1939 does not include data for employees of manufacturing establishments (except salaried officers of corporations) who were engaged in distribution, construction, and other nonmanufacturing work. For detail, see table 8. It is not known to what extent data for such nonmanufacturing employees were included in figures reported for earlier years. See General Explanations—Persons engaged—general classification.

[2] The aggregates for cost of materials, etc., and value of products include large amounts of duplication due to the use of the products of some industries as materials by others. See General Explanations—Duplication in cost of materials and value of products.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See General Explanations—Value added by manufacture.

Table 2.—SUMMARY FOR BALTIMORE INDUSTRIAL AREA, COUNTIES, AND PLACES: 1939

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2] [3]	Value of products [2] [3]	Value added by manufacture [4]
The State	1,821,244	[5] 2,893	141,643	$156,782,654	$604,504,715	$1,027,354,074	$422,849,359
Baltimore Industrial Area [6]	1,014,925	2,032	105,737	126,981,059	515,298,580	856,967,248	341,668,668
COUNTIES [5]							
Allegany	86,973	72	11,157	12,763,778	24,908,379	60,960,631	36,052,252
Anne Arundel	68,375	22	568	647,426	6,381,895	8,917,804	2,535,909
Baltimore	155,825	97	29,181	45,916,334	118,601,818	210,894,409	92,292,591
Baltimore city	859,100	1,935	76,556	81,064,725	396,696,762	646,072,839	249,376,077
Calvert	10,484	6	52	44,862	87,825	183,228	95,403
Caroline	17,549	50	1,600	863,344	3,880,497	5,664,384	1,783,887
Carroll	39,054	80	3,068	2,160,330	6,698,549	11,362,369	4,663,820
Cecil	26,407	26	892	680,800	2,073,636	3,440,174	1,366,538
Charles	17,612	10	28	16,817	46,357	129,369	83,012
Dorchester	28,006	69	2,753	1,523,132	9,076,516	13,777,932	4,701,416
Frederick	57,312	68	2,578	1,968,164	5,732,055	11,284,781	5,552,726
Garrett	21,981	13	76	49,403	153,464	340,129	186,665
Harford	35,060	56	636	381,984	1,022,406	1,933,303	910,897
Howard	17,175	11	551	418,655	3,860,990	5,128,522	1,267,532
Kent	13,465	14	155	91,119	274,620	553,225	278,605
Montgomery	83,912	22	172	176,903	838,511	1,417,017	578,506
Prince Georges	89,490	31	280	315,113	638,449	1,624,011	985,562
Queen Annes	14,476	16	138	65,223	293,836	454,626	160,790
St. Marys	14,626	4	18	7,635	35,209	58,257	23,048
Somerset	20,965	42	792	357,149	1,408,424	2,284,688	876,264
Talbot	18,784	37	622	242,011	1,000,554	1,726,624	726,070
Washington	68,838	95	5,227	4,540,018	11,568,586	23,944,500	12,375,914
Wicomico	34,530	72	3,457	2,061,960	6,268,482	11,216,140	4,947,658
Worcester	21,245	45	1,087	425,769	2,956,895	3,985,112	1,028,217
PLACES HAVING 10,000 OR MORE INHABITANTS							
Annapolis	13,069	10	59	72,063	211,933	510,619	298,686
Baltimore	859,100	1,935	76,556	81,064,725	396,696,762	646,072,839	249,376,077
Cambridge	10,102	29	1,628	937,395	4,431,214	7,742,985	3,311,771
Cumberland	39,483	44	1,739	2,326,339	7,897,429	14,319,037	6,421,608
Frederick	15,802	34	1,763	1,464,370	4,010,364	8,112,396	4,102,032
Hagerstown	32,491	66	4,099	3,601,059	8,788,881	18,430,943	9,642,062
Salisbury	13,313	41	2,167	1,438,512	4,819,633	8,555,841	3,736,208

[1] Not including salaried officers and employees nor manufacturing wage earners. The figure for each county or place is an average of the numbers reported for the several months of the year. In calculating it, equal weight must be given to full-time and to part-time wage earners (not reported separately by the manufacturers), and for this reason it exceeds the number that would have been required to perform the work done in the industries if all wage earners had been continuously employed throughout the year. The quotient obtained by dividing the amount of wages by the average number of wage earners cannot, therefore, be accepted as representing the average wage received by full-time wage earners. Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several counties do not add exactly to the average for the State. In making comparisons between the figures for 1939 and those for earlier years, the possibility that the proportion of part-time employment varied from year to year should be taken into account.

[2] Profits and losses cannot be calculated from the census figures because no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, and advertising.

[3] See General Explanations—Duplication in cost of materials and value of products.

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See General Explanations—Value added by manufacture.

[5] For numbers of establishments by "Industry groups," see table 11.

[6] Comprises Baltimore County and the independent city of Baltimore, for which separate figures are given under "Counties," below. For statistics by industries for the area and for Baltimore city, see tables 9 and 10.

Table 3.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, BY SEX: 1939 AND 1929

[The 1939 questionnaire, for the first time, called for data on the *total* number of employees in manufacturing establishments, including those engaged wholly or chiefly in distribution, construction, and other nonmanufacturing activities. It is not known to what extent data for such employees were included in the figures reported for earlier years. This table presents detailed figures for employees receiving pay at any time within the *normal* pay-roll period ended nearest Oct. 14, 1939, and for such employees on the pay roll on Dec. 14, 1929, or on the nearest *representative* date. The total for "Wage earners engaged in manufacturing" is not identical with the average for the year (given in other tables), and differs from the number reported for October 1939 or for December 1929, because for both years some manufacturers gave wage-earner figures for months other than those specified. See General Explanations—Persons engaged—general classification]

Class and sex	1939 (Oct. 14)[1]	1929 (Dec. 14)[1]
All classes, aggregate [2]	193,647	140,790
Male	140,730	100,541
Female	52,917	40,249
Salaried officers and employees, total	25,288	18,510
Male	19,907	13,481
Female	5,381	5,029
Salaried officers of corporations, total	1,926	2,342
Male	1,800	2,214
Female	126	128
All other employees (except wage earners in manufacturing), total	23,362	16,168
Male	18,107	11,267
Female	5,255	4,901
Salaried officers and employees—Continued.		
All other employees, etc.—Continued.		
Engaged in manufacturing:		
Male	9,619	(3)
Female	3,981	
Engaged in distribution:		
Male	6,991	
Female	1,200	
Engaged in construction:		
Male	1,161	
Engaged in other work:		
Male	336	
Female	74	
Wage earners engaged in manufacturing, total	168,359	122,280
Male	120,823	87,060
Female	47,536	35,220

[1] See headnote.
[2] Figures do not include data for 2,271 proprietors and firm members for 1939 and 2,358 for 1929, which were not reported by sex for 1939.
[3] No data.

Table 4.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS: 1939, 1937, AND 1929

[The figures for 1939 relate to wage earners engaged in manufacturing only. It is not known to what extent the figures for earlier years include data for nonmanufacturing wage earners. See headnote to table 3]

Census year	Average number employed during year [1]	Number receiving pay during normal pay-roll period ended nearest 15th of month—											
		January	February	March	April	May	June	July	August	September	October	November	December
1939	141,643	123,126	126,746	130,989	132,779	134,719	137,881	143,915	148,659	162,350	156,761	151,794	149,994
1937	145,932	132,507	135,657	140,585	144,876	147,736	151,182	154,147	167,454	164,085	147,399	136,740	128,812
1929	122,327	112,220	115,708	118,023	120,423	119,987	121,818	123,980	132,499	139,141	128,902	119,757	115,462

[1] See General Explanations—Wage earners and wages.

TABLE 5.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY NUMBER OF WAGE EARNERS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS	VALUE ADDED BY MANUFACTURE
	1939	1929	1939	1929	1939	1939
All establishments	2,893	3,175	141,643	122,327	$1,027,354,074	$422,849,359
No wage earners	152	88	.....	.....	5,722,510	1,516,943
1 to 5	1,051	1,358	2,825	4,129	26,238,609	11,833,428
6 to 20	788	868	8,843	9,750	64,389,842	27,241,157
21 to 50	424	411	13,591	13,491	74,988,823	34,080,890
51 to 100	225	223	15,935	15,743	109,808,653	48,024,239
101 to 250	157	146	23,804	23,379	123,275,347	55,128,069
251 to 500	64	43	22,810	15,330	165,629,119	66,818,210
501 to 1,000	23	31	15,381	20,976	176,285,694	48,774,584
1,001 to 2,500	6	5	8,437	[3] 19,529	113,297,743	29,067,373
2,501 or more	3	2	30,017		167,717,734	100,364,466

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Combined to avoid disclosing data for individual establishments.

TABLE 6.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY VALUE OF PRODUCTS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
All establishments	2,893	3,175	141,643	122,327	$1,027,354,074	$1,068,016,342	$422,849,359	$396,926,621
$5,000 to $19,999	980	1,097	3,536	3,968	10,447,743	12,293,302	6,032,512	7,477,141
$20,000 to $49,999	620	668	6,532	5,578	20,001,743	21,863,883	10,680,660	12,404,074
$50,000 to $99,999	392	442	7,657	7,173	28,199,568	31,638,923	14,358,785	16,616,113
$100,000 to $249,999	404	457	13,880	14,173	63,626,288	72,293,455	30,267,573	36,427,463
$250,000 to $499,999	221	229	13,906	14,809	79,102,907	80,540,392	34,480,544	39,014,362
$500,000 to $999,999	129	126	14,894	13,127	87,413,353	87,233,897	37,284,897	40,229,509
$1,000,000 to $2,499,999	87	102	21,610	21,885	127,910,273	156,705,622	59,206,335	69,592,194
$2,500,000 to $4,999,999	33	25	12,250	11,241	111,165,487	88,192,904	49,972,913	37,227,775
$5,000,000 and over	27	29	47,378	30,373	499,486,712	517,253,964	180,565,140	137,937,990

[1] See headnotes to tables 3 and 4.

[2] See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 7.—ESTABLISHMENTS CLASSIFIED AS UNDER CORPORATE OR OTHER FORM OF OWNERSHIP (OR CONTROL) AND AS UNDER CENTRAL-ADMINISTRATIVE-OFFICE OR INDEPENDENT OPERATION: 1939 AND 1929

TYPE OF OWNERSHIP OR CONTROL, AND OF OPERATION	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
Total	2,893	3,175	141,463	122,327	$1,027,354,074	$1,068,016,342	$422,849,359	$396,926,621
TYPE OF OPERATION								
1939 [3]								
Corporate ownership or control:								
Central-administrative-office (plural-unit)	488	(3)	82,155	(3)	718,313,337	(3)	276,464,093	(3)
Independent (single-unit)	797	(3)	37,571	(3)	222,101,618	(3)	109,016,187	(3)
Noncorporate ownership:								
Central-administrative-office (plural-unit)	151	(3)	5,072	(3)	16,120,204	(3)	6,312,704	(3)
Independent (single-unit)	1,457	(3)	16,845	(3)	70,818,915	(3)	31,056,375	(3)
1939 AND 1929 [3]								
Central-administrative-office (plural-unit), corporate and noncorporate	639	412	87,227	58,862	734,433,541	672,142,217	282,776,797	211,974,907
Independent (single-unit), corporate and noncorporate	2,254	2,763	54,416	63,465	292,920,533	395,874,125	140,072,562	184,951,714
TYPE OF OWNERSHIP OR CONTROL								
Corporate	1,285	1,308	119,726	102,186	940,414,955	958,251,230	385,480,280	346,226,143
Noncorporate, total	1,608	1,867	21,917	20,141	86,939,119	109,765,112	37,369,079	50,700,478
Individual	1,061	(4)	11,167	(4)	39,256,983	(4)	17,674,075	(4)
Partnership	531	(4)	10,576	(4)	47,169,600	(4)	19,444,188	(4)
Cooperative	8	(4)	108	(4)	257,921	(4)	137,120	(4)
Other	8	(4)	66	(4)	254,615	(4)	113,696	(4)

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Because of changes in the questionnaire, no comparable figures for 1929 can be given for the first section of this table. For this reason, the items have been regrouped under "1939 and 1929" to present comparable figures so far as this can be done.
[4] No data.

TABLE 8.—GENERAL STATISTICS FOR

[This table presents separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establish
figures are given, however, reported larger numbers of wage earners

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1]						
					Total [2]	Salaried officers of corporations [3]	Manufacturing		Distribution	Construction	Other
							Salaried employees [2]	Wage earners (average for year) [3]			
1		All industries, total	2,893	2,271	166,931	1,926	13,600	141,643	8,191	1,161	410
2	19	Aircraft and parts, including aircraft engines	3		8,174	10	344	7,772	8	10	30
3	15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	7		1,312	9	187	1,016	89	11	
4	6	Baskets for fruits and vegetables	7	3	589	2	12	572	3		
5	4	Belts (apparel), regardless of material	3	3	32	3	3	26			
6	1	Biscuit, crackers, and pretzels	6	2	891	10	47	667	162	1	4
7	8	Bookbinding and related industries	15	12	725	18	114	555	35	3	
8	8	Books: printing without publishing	12	5	587	19	74	478	16		
9	8	Books: publishing without printing	5	2	41	5	24		12		
10	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	300	309	4,694	38	266	3,977	381	18	14
11	13	Brick and hollow structural tile	16	3	748	20	37	607	67	15	2
12	20	Brooms	11	11	314	6	10	293	5		
13	20	Brushes	7	2	982	8	106	809	55	4	
14	1	Candy and other confectionery products	34	29	820	24	64	642	87	2	1
15	1	Canned and dried fruits and vegetables (including canned soups)	191	184	7,568	52	340	7,101	62	4	9
16	1	Canned fish, crustacea, and mollusks	5	9	41		4	37			
17	4	Canvas products (except bags)	5	7	31	4	2	23	2		
18	19	Cars and car equipment—railroad, street, and rapid-transit	3		120		7	113			
19	6	Caskets, coffins, burial cases, and other morticians' goods	6	3	136	2	12	97	25		
20	1	Cheese	5	1	35		3	23	8	1	
21	9	Chemicals not elsewhere classified	10	1	1,290	12	189	1,016	10	63	
22	2	Cigars	7	9	202	4	9	181	8		
23	13	Clay refractories, including refractory cement (clay)	3		396	1	11	384			
24	9	Cleaning and polishing preparations, blackings, and dressings	17	10	240	17	57	124	42		
25	3	Cloth sponging and miscellaneous special finishing	3	6	59		4	55			
26	4	Coats, suits, and skirts (except fur coats)—made in contract factories	3	1	93	5	2	86			
27	4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	19	14	883	19	68	759	37		
28	9	Colors and pigments	4		874	1	115	628	7	123	
29	9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	6		101		13	67	21		
30	13	Concrete products	41	24	556	21	43	435	57		
31	1	Condensed and evaporated milk	6		130	1	12	103		7	7
32	6	Cooperage	11	14	311	3	24	220	64		
33	3	Cotton broad woven goods	6		1,276	6	95	1,164	11		
34	9	Drugs and medicines (including drug grinding)	27	9	696	43	132	387	99	9	26
35	3	Dyeing and finishing cotton, rayon, silk, and linen textiles	4		647	7	45	579		16	
36	16	Electrical products not elsewhere classified	6	4	180	3	43	132	2		
37	15	Electroplating, plating, and polishing	8	8	45	4	3	36	2		
38	8	Electrotyping and stereotyping, not done in printing establishments	4		66	10	5	47	4		
39	17	Elevators, escalators, and conveyors	4	2	77	7	11	54	5		
40	4	Embroideries: Schiffli-machine products	3	2	198	2	19	176	1		
41	14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	4	2	702	1	61	638		2	
42	15	Engraving on metal (except for printing purposes)	3	3	7	1		6			
43	8	Engraving (steel, copperplate, and wood); plate printing	5	8	24	1	4	19			
44	7	Envelopes	4		215	11	13	165	26		
45	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	13	7	603	10	131	426	35		1
46	9	Fertilizers	38	5	2,460	40	250	1,991	155	24	
47	3	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	3	1	1,180	10	110	997	63		
48	1	Flavoring extracts and flavoring sirups, not elsewhere classified	8	2	330	9	38	155	128		
49	1	Flour and other grain-mill products	53	53	280	21	31	184	42		2
50	1	Food preparations, not elsewhere classified	15	9	228	16	22	138	51		1
51	17	Food-products machinery	10	1	974	17	82	732	140		3
52	12	Footwear (except rubber)	12	1	3,094	20	218	2,706	48	102	
53	14	Forgings, iron, and steel—made in plants not operated in connection with rolling mills	3		157	3	12	142			
54	4	Fur coats and other fur garments, accessories, and trimmings	5	4	90	5	2	72	11		
55	14	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	4	5	76	3	8	65			
56	20	Games and toys (except dolls and children's vehicles)	5	3	142	5	26	108	3		
57	8	General commercial (job) printing	161	149	2,451	102	257	1,973	112	3	4
58	16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	3		264	9	62	182	11		
59	13	Glass containers	4		1,521	15	180	1,260	61	5	
60	14	Gray-iron and semisteel castings	14	8	621	13	52	525	29	2	
61	9	Grease and tallow (except lubricating greases)	4	2	65	5	2	54	2	2	
62	20	Hand stamps, stencils, and brands	4	4	62	3	8	47	4		
63	3	Hosiery—full-fashioned	10	3	982	10	41	921	9		1
64	3	Hosiery—seamless	4	1	438	5	21	407	2		3
65	4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	15	10	1,021	8	57	931	25		
66	4	Housefurnishings (except curtains, draperies, and bedspreads)	7	4	324	4	25	280	15		

See footnotes at end of table.

THE STATE, BY INDUSTRIES: 1939

ments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined or larger values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
210,327,330	10,825,533	25,952,412	156,782,654	14,722,252	1,551,958	492,521	604,504,715	566,274,244	20,497,152	8,035,793	9,697,526	1,027,354,074	422,849,359	1
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	2
1,827,151	46,647	292,273	1,297,916	167,744	22,571	----	7,428,497	7,132,743	117,167	138,301	40,286	11,176,598	3,748,101	3
332,833	1,725	16,182	312,118	2,808	----	----	380,704	369,024	1,447	10,233	----	1,062,908	682,204	4
28,827	7,540	2,989	18,298	----	----	----	56,555	55,609	340	606	----	112,305	55,750	5
1,007,433	66,403	99,845	588,967	246,523	805	4,890	1,366,341	1,318,461	28,473	19,407	----	3,412,926	2,046,585	6
910,993	117,304	160,660	568,085	60,622	4,322	----	983,482	952,184	4,640	20,528	6,130	2,581,088	1,597,606	7
972,933	129,145	166,361	625,317	52,110	----	----	976,295	910,551	10,649	9,111	45,984	2,532,347	1,556,052	8
67,831	17,211	29,574	----	21,046	----	----	114,645	51,659	684	612	61,690	307,942	193,297	9
5,876,450	300,016	459,295	4,712,351	367,316	28,418	9,054	10,461,429	9,963,018	301,915	196,496	----	22,245,899	11,784,470	10
706,972	65,217	57,225	497,434	70,932	14,164	2,000	526,712	105,146	348,028	71,745	1,793	1,670,924	1,144,212	11
278,164	27,448	16,766	225,040	8,910	----	----	421,299	415,903	906	4,490	----	862,685	441,386	12
1,167,044	34,389	183,107	776,367	169,306	3,875	----	2,830,047	2,799,368	17,394	13,285	----	5,025,870	2,195,823	13
693,377	87,391	90,500	408,426	103,045	3,180	835	1,784,796	1,735,875	24,552	24,369	----	3,199,601	1,414,805	14
3,541,312	235,647	388,397	2,852,428	58,243	3,675	2,922	18,357,072	18,002,095	232,584	90,306	32,087	27,302,603	8,945,531	15
9,746	----	358	9,388	----	----	----	84,277	83,505	551	221	----	114,534	30,257	16
32,192	4,601	2,452	21,752	3,387	----	----	87,009	85,772	352	885	----	173,931	86,922	17
(5)	----	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	18
218,844	4,999	22,695	142,815	47,635	----	700	377,531	370,023	3,477	4,031	----	743,236	365,705	19
(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	20
1,976,954	90,647	416,855	1,331,387	38,731	99,334	----	6,198,986	5,436,294	646,692	116,000	----	12,545,574	6,346,588	21
143,454	14,100	12,493	107,848	9,013	----	----	204,983	202,469	1,063	1,451	----	459,855	254,872	22
(5)	(5)	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	23
319,002	50,826	80,748	95,239	92,189	----	----	766,117	756,768	5,588	3,761	----	1,647,548	881,431	24
97,927	----	4,803	89,685	3,439	----	----	21,212	15,431	1,959	3,822	----	235,359	214,147	25
67,161	4,668	1,113	61,380	----	----	----	5,720	3,520	510	1,690	----	84,603	78,883	26
1,176,316	107,483	114,723	872,404	81,706	----	----	2,684,228	2,548,063	1,603	15,444	119,118	4,650,403	1,966,175	27
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	28
176,986	----	32,052	96,266	48,668	----	----	260,701	208,207	3,748	48,746	----	853,069	592,368	29
698,650	145,372	76,450	391,713	85,115	----	----	1,869,018	1,823,600	14,364	31,054	----	3,549,564	1,680,546	30
(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	31
325,785	15,676	37,915	199,698	72,496	----	----	688,364	667,051	13,029	8,284	----	1,435,080	746,716	32
1,102,316	41,995	173,470	875,201	11,650	----	----	1,876,591	1,795,580	43,548	37,463	----	3,733,500	1,856,909	33
1,243,604	324,264	234,138	322,803	299,027	16,148	47,224	2,405,297	2,369,011	13,322	22,811	153	8,863,295	6,457,998	34
(5)	(5)	(5)	(5)	----	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	35
252,843	4,656	85,504	158,159	4,524	----	----	633,728	618,343	7,578	7,807	----	1,052,774	419,046	36
54,082	5,335	3,016	43,001	2,730	----	----	16,272	12,236	1,259	2,777	----	100,999	84,727	37
136,103	53,215	8,505	70,079	4,304	----	----	39,215	30,007	2,710	4,955	1,543	216,425	177,210	38
137,847	39,381	31,230	59,239	7,997	----	----	221,341	219,222	412	1,707	----	535,200	313,859	39
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	40
(5)	(5)	(5)	(5)	----	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	41
10,147	3,100	----	7,047	----	----	----	4,504	4,188	179	137	----	32,541	28,037	42
24,079	1,809	4,985	17,285	----	----	----	27,074	24,326	41	947	1,760	89,094	62,020	43
290,833	80,299	20,825	154,258	35,451	----	----	724,058	711,019	1,764	11,275	----	1,196,691	472,633	44
945,265	64,403	297,287	501,908	81,147	----	520	2,519,111	2,487,519	5,218	22,999	3,375	4,299,300	1,780,189	45
2,946,386	100,839	422,113	2,121,068	273,986	27,136	1,244	11,936,609	11,556,589	47,647	332,373	----	18,094,443	6,157,834	46
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	47
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	48
324,698	55,519	44,957	174,368	49,255	----	599	2,785,175	2,710,445	25,815	48,915	----	3,554,194	769,019	49
291,115	73,731	39,619	106,012	71,110	----	643	966,056	944,149	15,625	6,282	----	1,684,345	718,289	50
1,656,872	69,940	170,193	1,182,903	231,154	----	2,682	1,797,318	1,738,652	13,144	38,460	7,062	4,260,647	2,463,329	51
2,728,789	134,980	270,549	2,162,830	89,303	71,127	----	4,665,934	4,618,089	8,352	39,493	----	8,276,100	3,610,166	52
(5)	(5)	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	53
104,211	8,840	3,670	78,672	13,029	----	----	231,873	230,412	----	1,461	----	501,157	269,284	54
65,913	9,075	5,737	51,101	----	----	----	201,100	192,315	7,264	1,482	39	334,967	133,867	55
153,884	34,921	26,152	90,138	2,673	----	----	150,973	145,770	3,782	1,421	----	387,050	236,077	56
3,612,510	382,233	436,683	2,542,804	224,653	5,149	20,988	3,768,585	3,381,267	29,681	93,031	264,606	9,273,879	5,505,294	57
469,163	87,727	104,099	242,315	35,022	----	----	409,835	403,078	1,063	5,478	216	1,111,002	701,167	58
2,174,399	190,318	381,356	1,466,096	129,225	7,404	----	1,764,141	1,256,357	346,491	158,815	2,478	5,918,568	4,154,427	59
797,983	138,211	96,681	518,656	41,186	3,249	----	922,671	807,068	85,898	29,618	87	2,187,514	1,264,843	60
90,518	21,160	3,370	59,078	4,259	2,651	----	569,956	543,503	14,141	11,562	750	756,709	186,753	61
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	62
942,338	42,504	62,306	814,202	22,324	----	1,002	1,066,457	1,031,466	10,097	24,894	----	2,411,464	1,345,007	63
(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	64
880,740	111,183	79,139	586,800	103,618	----	----	1,090,053	1,066,304	2,781	10,935	10,033	2,301,219	1,211,166	65
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	66

TABLE 8.—GENERAL STATISTICS FOR THE

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1]						
					Total [2]	Salaried officers of corporations [2]	Manufacturing		Distribution	Construction	Other
							Salaried employees [3]	Wage earners (average for year) [3]			
1	6	Household furniture, except upholstered	18	10	610	23	43	528	16	.....	.....
2	1	Ice cream and ices	42	33	656	31	64	257	283	20	1
3	1	Ice, manufactured	72	58	784	27	54	269	428	3	3
4	17	Industrial machinery, not elsewhere classified	7	8	537	11	27	420	79	.....	.....
5	9	Insecticides, fungicides, and related industrial and household chemical compounds	12	5	131	.....	12	104	15	.....	.....
6	15	Jewelry (precious metals)	7	9	73	9	5	51	8	.....	.....
7	12	Leather goods not elsewhere classified	4	3	37	2	4	31	.....	.....	.....
8	15	Lighting fixtures	4	4	23	2	3	18	.....	.....	.....
9	13	Lime	8	7	258	7	12	226	13	.....	.....
10	1	Liquors, distilled	13	.....	611	14	82	449	28	33	5
11	1	Liquors, rectified or blended	9	.....	409	.....	94	299	16	.....	.....
12	8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	17	6	812	33	86	616	77	.....	.....
13	9	Lubricating oils and greases—not made in petroleum refineries	6	2	123	15	20	30	58	.....	.....
14	1	Macaroni, spaghetti, vermicelli, and noodles	5	9	52	.....	7	38	7	.....	.....
15	8	Machine and hand typesetting (including advertisement typesetting)	14	15	124	6	9	107	2	.....	.....
16	17	Machine-shop products, not elsewhere classified	17	5	1,694	32	233	1,254	169	2	4
17	17	Machine-shop repairs	26	23	191	23	14	152	1	.....	1
18	17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	3	3	15	.....	1	14	.....	.....	.....
19	1	Malt liquors	9	.....	1,788	28	123	1,083	536	18	.....
20	6	Mattresses and bedsprings	12	10	498	7	30	405	42	.....	14
21	1	Meat packing, wholesale	38	27	2,772	38	187	1,931	578	38	.....
22	4	Men's and boys' hats and caps (except felt and straw)	6	7	28	.....	5	23	.....	.....	.....
23	4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in contract factories	13	15	754	2	12	740	.....	.....	.....
24	4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	29	12	4,953	16	233	4,538	153	11	2
25	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	137	187	4,869	16	46	4,804	2	.....	1
26	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	109	140	7,028	65	466	6,252	235	7	3
27	4	Men's neckwear—made in inside factories or by jobbers engaging contractors	8	7	413	12	24	332	45	.....	.....
28	4	Millinery	5	5	385	4	22	336	23	.....	.....
29	13	Minerals and earths, ground or otherwise treated	6	2	105	2	5	98	.....	.....	.....
30	6	Mirror frames and picture frames	5	5	72	2	4	62	4	.....	.....
31	13	Mirrors and other glass products made of purchased glass	15	17	206	6	21	174	5	.....	.....
32	20	Miscellaneous fabricated products not elsewhere classified	7	3	245	9	36	194	6	.....	.....
33	4	Miscellaneous fabricated textile products not elsewhere classified	4	5	30	2	4	24	.....	.....	.....
34	20	Models and patterns (except paper patterns)	6	8	25	.....	1	24	.....	.....	.....
35	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	34	29	231	20	28	170	13	.....	.....
36	8	Newspapers: publishing and printing	58	37	2,840	37	953	1,312	538	.....	.....
37	8	Newspapers: publishing without printing	6	2	28	.....	16	.....	12	.....	.....
38	1	Nonalcoholic beverages	57	46	952	35	80	386	446	1	4
39	15	Nonferrous-metal products not elsewhere classified	9	6	54	2	5	47	.....	.....	.....
40	14	Oil burners, domestic and industrial	4	2	165	4	54	82	18	.....	7
41	9	Paints, varnishes, and lacquers	22	16	502	28	91	278	103	2	.....
42	7	Paper and paperboard mills	9	4	2,024	7	143	1,800	18	56	.....
43	7	Paper bags, except those made in paper mills	3	.....	112	4	17	87	4	.....	.....
44	7	Paperboard containers and boxes not elsewhere classified	25	8	1,386	31	107	1,171	71	2	4
45	6	Partitions, shelving, cabinet work, and office and store fixtures	13	12	300	11	50	230	9	.....	.....
46	10	Paving blocks and paving mixtures—asphalt, creosoted wood, and composition	8	1	137	8	21	80	28	.....	.....
47	9	Perfumes, cosmetics, and other toilet preparations	3	3	23	1	4	11	7	.....	.....
48	8	Periodicals: publishing and printing	5	2	175	6	75	66	28	.....	.....
49	8	Periodicals: publishing without printing	18	3	173	15	130	3	25	.....	.....
50	8	Photoengraving, not done in printing establishments (including preparation of plates)	10	2	117	15	16	67	19	.....	.....
51	1	Pickled fruits and vegetables and vegetable sauces and seasonings	9	12	497	9	35	417	34	2	.....
52	5	Planing mills not operated in conjunction with sawmills	48	41	948	22	85	784	46	.....	11
53	1	Poultry dressing and packing, wholesale	14	11	388	9	11	345	23	.....	.....
54	14	Power boilers and associated products	5	2	179	9	14	142	14	.....	.....
55	1	Prepared feeds (including mineral) for animals and fowls	28	14	602	17	56	468	58	.....	3
56	9	Printing ink	3	.....	19	1	1	8	9	.....	.....
57	17	Printing-trades machinery and equipment	3	2	21	3	2	11	3	.....	2
58	3	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	5	5	37	2	3	32	.....	.....	.....
59	20	Professional and scientific instruments (except surgical and dental)	4	2	340	3	63	238	36	.....	.....
60	3	Rayon narrow fabrics	3	.....	420	6	27	385	2	.....	.....
61	17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	4	1	164	8	23	110	19	4	.....
62	10	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	3	3	119	1	3	86	29	.....	.....
63	11	Rubber products not elsewhere classified	12	6	811	15	43	689	64	.....	.....
64	1	Salad dressings	3	.....	92	1	7	70	14	.....	.....
65	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	23	28	231	11	27	171	22	.....	.....

See footnotes at end of table.

STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
699,139	79,963	71,372	493,136	54,668	----------	----------	901,784	874,397	7,196	20,191	----------	1,979,313	1,077,529	1
1,000,163	247,501	104,951	237,523	374,836	34,240	1,112	2,770,607	2,639,164	25,455	99,792	6,196	5,278,105	2,507,498	2
987,334	103,018	90,836	304,988	480,185	3,350	4,957	495,313	93,344	69,863	332,106	----------	2,885,428	2,390,115	3
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	4
189,675	32,803	31,545	108,249	16,578	----------	500	1,068,585	1,054,461	6,388	7,736	----------	2,042,537	973,952	5
98,804	25,187	4,859	58,208	10,550	----------	----------	167,912	163,315	1,068	1,590	1,939	327,640	159,728	6
27,647	1,514	4,727	21,406	----------	----------	----------	25,530	24,868	344	318	----------	83,809	58,279	7
24,259	7,551	3,585	13,123	----------	----------	----------	18,593	17,352	294	597	350	61,394	42,801	8
203,139	14,858	17,631	157,719	12,931	----------	----------	279,648	175,689	74,097	29,862	----------	711,153	431,505	9
773,581	66,567	133,067	503,525	49,370	18,556	2,496	2,722,542	2,427,912	219,515	75,115	----------	4,568,102	1,845,560	10
(5)	----------	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	11
1,242,887	180,427	146,114	754,107	162,239	----------	----------	1,083,299	987,179	12,792	21,568	61,760	3,183,700	2,100,401	12
225,028	55,212	28,214	36,945	104,657	----------	----------	431,825	424,627	5,208	1,990	----------	1,004,905	573,080	13
58,970	----------	10,985	38,172	9,813	----------	----------	165,086	158,665	1,376	5,045	----------	267,042	101,956	14
205,477	40,418	11,758	150,747	2,554	----------	----------	49,155	41,803	2,276	5,036	40	432,351	383,196	15
2,826,425	198,665	480,002	1,744,920	393,965	5,670	3,203	2,564,479	2,402,953	85,845	72,946	2,735	5,576,832	3,012,353	16
271,090	52,905	18,628	196,300	2,496	----------	761	209,633	197,329	4,946	6,858	500	627,309	417,676	17
18,414	----------	780	17,634	----------	----------	----------	17,573	15,731	757	1,085	----------	56,369	38,796	18
3,390,192	296,895	238,390	1,875,651	951,723	27,533	----------	3,550,571	3,272,888	134,509	143,174	----------	12,412,685	8,862,114	19
519,910	48,220	47,597	339,968	70,215	----------	13,910	1,031,063	1,013,536	6,209	11,318	----------	1,862,516	831,453	20
3,793,818	219,115	330,570	1,897,788	1,301,545	44,800	----------	28,303,472	27,994,385	140,002	129,267	39,818	34,767,939	6,464,467	21
22,100	----------	2,976	19,124	----------	----------	----------	53,044	48,985	105	644	3,310	100,754	47,710	22
408,772	2,500	11,544	394,728	----------	----------	----------	29,170	20,400	1,622	7,148	----------	581,521	552,351	23
3,631,010	228,196	347,574	2,664,371	377,281	12,128	1,460	9,176,533	8,278,796	17,948	47,360	832,429	15,358,778	6,182,245	24
3,762,509	47,932	52,904	3,658,818	2,075	----------	780	392,616	164,482	26,524	42,499	159,111	4,935,864	4,543,248	25
6,995,356	284,113	700,918	5,643,585	356,496	8,528	1,716	21,813,243	16,750,619	39,714	79,588	4,943,322	34,507,240	12,693,997	26
364,546	61,095	30,004	215,213	58,234	----------	----------	699,032	672,179	352	3,797	22,704	1,405,768	706,736	27
337,025	10,280	41,432	247,952	37,361	----------	----------	679,236	674,812	284	4,140	----------	1,311,491	632,255	28
97,524	2,785	9,880	84,859	----------	----------	----------	112,207	67,017	10,843	26,682	7,665	345,874	233,667	29
70,215	5,986	4,557	55,907	3,765	----------	----------	165,366	159,504	344	5,518	----------	299,652	134,286	30
222,438	12,265	30,147	171,573	8,453	----------	----------	465,528	454,542	7,596	3,390	----------	847,433	381,905	31
277,506	62,388	45,635	159,545	9,938	----------	----------	229,835	211,735	7,695	8,489	1,916	583,584	353,749	32
32,394	6,487	4,090	21,817	----------	----------	----------	47,722	42,870	148	404	4,300	101,674	53,952	33
33,712	----------	927	32,785	----------	----------	----------	14,806	13,863	68	875	----------	72,944	58,138	34
298,679	60,402	52,683	169,846	15,748	----------	----------	347,221	318,279	2,688	26,254	----------	929,771	582,550	35
5,355,374	295,903	1,959,378	2,363,669	736,424	----------	----------	3,883,880	3,478,936	31,876	100,200	272,868	12,369,016	8,485,136	36
33,885	----------	16,667	----------	17,218	----------	----------	67,203	750	70	141	66,242	150,648	83,445	37
1,438,300	232,586	146,944	345,641	703,759	1,170	8,200	2,686,791	2,622,462	27,584	34,408	2,337	5,956,722	3,269,931	38
56,008	5,750	5,488	44,770	----------	----------	----------	40,966	36,568	1,626	1,544	1,228	122,335	81,369	39
285,235	27,863	74,125	116,807	61,376	----------	5,064	697,822	688,404	4,163	5,255	----------	1,235,304	537,482	40
808,111	221,277	145,866	250,223	187,854	2,891	----------	2,204,161	2,167,514	11,904	24,743	----------	3,838,237	1,634,076	41
2,314,279	43,821	264,912	1,897,443	30,901	77,202	----------	6,261,094	5,528,185	538,810	160,920	33,179	10,080,525	3,819,431	42
133,617	26,110	28,286	72,332	6,889	----------	----------	310,339	303,210	740	6,389	----------	620,413	310,074	43
1,528,595	182,883	159,688	1,016,587	160,834	3,520	5,083	3,520,430	3,458,650	22,987	38,793	----------	6,114,940	2,594,510	44
413,464	36,709	85,096	273,435	18,224	----------	----------	421,799	404,246	5,878	11,425	250	970,833	549,034	45
213,966	33,786	43,409	83,654	53,117	----------	----------	1,578,328	1,465,403	32,034	7,366	73,525	2,649,763	1,071,435	46
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	47
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	48
309,246	60,940	197,178	6,000	45,128	----------	----------	478,640	7,513	185	493	470,449	1,127,346	648,706	49
295,651	61,064	21,128	176,386	37,073	----------	----------	59,561	53,750	425	4,080	1,306	423,830	364,269	50
380,731	60,411	49,104	227,072	40,918	3,226	----------	1,508,670	1,494,876	7,927	5,867	----------	2,194,989	686,319	51
1,165,295	110,473	143,896	826,234	79,649	----------	5,043	3,222,165	3,168,591	5,971	47,603	----------	5,176,699	1,954,534	52
244,417	16,000	13,672	190,250	24,495	----------	----------	2,898,468	2,885,047	6,904	6,517	----------	3,343,712	445,244	53
249,433	43,046	24,380	163,827	18,180	----------	----------	402,702	386,407	3,486	11,209	1,600	775,442	372,740	54
632,146	76,855	77,038	384,429	89,894	----------	3,930	7,479,884	7,379,967	29,443	70,474	----------	9,440,922	1,961,038	55
33,283	819	2,470	7,398	22,596	----------	----------	79,691	79,055	----------	636	----------	145,056	65,365	56
57,340	23,160	3,483	16,685	11,352	----------	2,660	22,966	21,331	626	1,009	----------	115,901	92,935	57
26,547	4,048	3,495	19,004	----------	----------	----------	68,789	67,978	622	189	----------	121,587	52,798	58
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	59
350,075	25,296	34,165	285,814	4,800	----------	----------	475,817	454,797	6,079	7,950	6,991	1,017,957	542,140	60
225,542	16,230	35,767	114,508	54,798	4,239	----------	463,581	448,542	6,233	7,607	1,199	850,487	386,906	61
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	62
750,038	88,395	55,535	506,406	99,702	----------	----------	1,350,233	1,271,431	20,351	58,410	41	2,658,882	1,308,649	63
130,989	19,550	10,388	75,193	25,858	----------	----------	805,660	799,123	2,129	4,408	----------	1,116,086	310,426	64
285,185	20,033	39,385	201,790	23,977	----------	----------	2,539,355	2,502,868	17,016	19,471	----------	3,036,080	496,725	65

TABLE 8.—GENERAL STATISTICS FOR THE

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
1	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	49	41	792	13	41	714	21	3	-------
2	15	Sheet-metal work not specifically classified	29	17	487	40	37	383	25	2	-------
3	19	Shipbuilding and ship repairing	27	20	5,728	24	231	5,435	23	15	-------
4	20	Signs, advertising displays, and advertising novelties	21	17	493	17	50	402	24	-------	-------
5	15	Silverware and plated ware	7	5	283	8	22	223	18	4	8
6	20	Sporting and athletic goods not elsewhere classified	3	4	50	3	7	36	4	-------	-------
7	14	Stamped and pressed metal products (except automobile stampings)	10	3	3,064	22	137	2,586	275	40	4
8	14	Steel works and rolling mills	4	-------	17,347	8	643	16,587	38	59	12
9	14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	5	-------	430	9	47	355	19	-------	-------
10	12	Suitcases, brief cases, bags, trunks, and other luggage	3	5	83	-------	6	72	5	-------	-------
11	20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	3	2	15	2	1	12	-------	-------	-------
12	4	Textile bags not made in textile mills	11	10	202	7	16	163	15	1	-------
13	14	Tin cans and other tinware not elsewhere classified	19	1	4,514	12	489	3,925	84	4	-------
14	4	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	4	3	37	-------	2	34	1	-------	-------
15	4	Trousers (semidress), wash suits, and washable service apparel	11	10	927	8	32	859	28	-------	-------
16	20	Umbrellas, parasols, and canes	4	4	343	5	13	321	4	-------	-------
17	6	Upholstered household furniture	21	27	717	13	44	640	20	-------	-------
18	6	Venetian blinds	3	4	107	1	8	94	4	-------	-------
19	6	Window and door screens and weather strip	5	3	60	5	4	44	7	-------	-------
20	6	Window shades	8	8	41	3	4	29	5	-------	-------
21	14	Wirework not elsewhere classified	16	9	646	9	44	585	8	-------	-------
22	4	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	4	5	149	2	11	130	6	-------	-------
23	4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	6	3	512	7	28	451	26	-------	-------
24	6	Wooden boxes except cigar boxes	14	10	463	11	19	413	18	2	-------
25	6	Wood products not elsewhere classified	3	1	59	3	3	53	-------	-------	-------
26	3	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	3	4	617	2	30	584	1	-------	-------
27	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	17	26	1,051	7	56	954	31	-------	3
28	4	Work shirts	10	8	551	2	20	503	26	-------	-------
29		Other industries [6]	345	181	69,634	302	5,265	61,777	1,346	678	266
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]									
30	1	Food and kindred products	47	12	2,461	27	315	1,708	206	16	189
31	3	Textile-mill products and other fiber manufactures	22	8	3,260	28	224	2,913	73	19	3
32	4	Apparel and other finished products made from fabrics and similar materials	42	34	1,939	20	109	1,755	52	-------	3
33	6	Furniture and finished lumber products	13	11	353	7	27	311	8	-------	-------
34	7	Paper and allied products	4	-------	368	3	46	311	8	-------	-------
35	8	Printing, publishing, and allied industries	8	3	233	6	87	112	28	-------	-------
36	9	Chemicals and allied products	22	8	9,735	16	889	8,382	57	390	1
37	10	Products of petroleum and coal	7	3	1,639	1	231	1,375	29	3	-------
38	12	Leather and leather products	11	7	702	7	58	612	25	-------	-------
39	13	Stone, clay, and glass products	14	4	1,848	6	158	1,619	27	38	-------
40	17	Machinery (except electrical)	20	12	1,590	40	253	1,205	92	-------	-------
41	19	Transportation equipment except automobiles	36	22	14,213	38	658	13,431	31	25	30
42	20	Miscellaneous industries	29	24	1,832	32	137	1,576	83	4	-------
43	11	Rubber products	5	1	1,371	4	132	1,122	111	2	-------
44	14	Iron and steel and their products, except machinery	37	11	22,186	53	910	20,763	343	101	16
	15	Nonferrous metals and their products	9	9	1,312	3	137	1,157	2	9	4
	16	Electrical machinery	5	1	2,596	7	712	1,692	94	71	20
	18	Automobiles and automobile equipment	14	11	1,996	4	182	1,733	77	-------	-------

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.
[2] Figures do not include data for personnel of central administrative offices.
[3] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
499,984	42,000	51,414	363,201	40,698	2,671	----------	948,197	887,922	8,943	11,269	40,063	1,796,451	848,254	1
686,646	119,177	46,468	480,411	38,058	2,532	----------	865,486	813,792	6,369	9,243	36,082	2,081,131	1,215,645	2
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	3
554,347	52,950	57,735	409,741	33,921	----------	----------	541,137	486,460	42,673	5,974	6,030	1,496,482	955,345	4
436,583	83,694	30,543	281,731	27,683	6,447	6,485	543,486	529,210	3,806	10,470	----------	1,305,254	761,768	5
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	6
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	7
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	8
573,281	37,632	65,429	408,687	61,533	----------	----------	661,337	617,757	28,449	15,131	----------	1,463,240	801,903	9
(5)	----------	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	10
21,524	5,720	156	15,648	----------	----------	----------	11,603	10,959	304	340	----------	45,233	33,630	11
194,640	29,386	24,197	105,725	34,332	1,000	----------	1,617,788	1,609,469	1,565	6,754	----------	2,025,894	408,106	12
5,532,047	93,192	976,796	4,290,386	166,532	5,141	----------	25,038,327	24,714,362	156,796	164,916	2,253	35,836,828	10,798,501	13
(5)	----------	(5)	(5)	(5)	----------	----------	(5)	(5)	----------	(5)	----------	(5)	(5)	14
639,681	38,236	46,847	515,076	39,522	----------	----------	1,116,160	994,846	6,067	11,559	103,688	2,015,877	899,717	15
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	16
758,624	29,942	56,093	629,842	42,747	----------	----------	1,332,741	1,313,858	7,802	10,507	574	2,445,356	1,112,615	17
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	18
80,384	18,063	5,840	48,119	8,362	----------	----------	122,422	121,569	206	647	----------	237,467	115,045	19
44,305	9,400	4,884	23,456	6,565	----------	----------	191,671	190,564	226	881	----------	292,070	100,399	20
579,373	79,989	58,932	422,996	17,456	----------	----------	1,353,396	1,324,890	12,366	16,140	----------	2,620,463	1,267,067	21
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	22
471,601	53,500	46,311	328,188	43,602	----------	----------	1,609,555	1,248,751	250	5,599	354,955	2,609,126	999,571	23
466,430	32,422	31,350	381,769	18,155	2,734	----------	851,957	842,608	810	8,539	----------	1,690,431	838,474	24
(5)	(5)	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	25
727,585	30,000	92,891	603,632	1,062	----------	----------	3,054,508	2,635,903	33,382	10,218	375,005	4,486,288	1,431,780	26
775,248	63,000	78,623	604,415	26,170	----------	3,040	1,649,258	1,581,012	4,933	11,903	51,410	2,796,666	1,147,408	27
270,107	7,800	18,905	224,845	18,557	----------	----------	1,006,612	918,225	1,546	6,756	80,085	1,425,310	418,698	28
102,097,475	2,157,081	11,735,758	83,780,652	3,125,994	971,172	326,818	338,647,903	317,489,548	16,011,992	4,117,482	1,028,881	556,359,789	217,711,886	29
3,062,975	161,129	594,718	1,701,142	394,571	20,580	190,835	41,449,656	40,910,602	445,178	93,876	----------	56,444,239	14,994,583	30
2,951,383	194,987	326,144	2,244,927	155,261	28,305	1,759	9,517,436	9,256,365	116,190	144,558	323	14,699,611	5,182,175	31
1,661,950	174,863	184,039	1,175,854	125,116	----------	2,078	3,085,060	2,898,398	9,832	23,082	153,748	5,756,050	2,670,990	32
316,032	20,329	26,108	241,459	28,136	----------	----------	971,999	952,390	9,638	9,971	----------	1,557,169	585,170	33
413,596	10,879	73,547	307,226	21,944	----------	----------	1,290,403	1,130,661	152,241	7,501	----------	2,385,655	1,095,252	34
413,936	43,599	100,584	176,203	93,550	----------	----------	353,028	262,713	4,560	7,345	78,410	1,183,853	830,825	35
12,610,900	75,231	2,013,622	9,834,372	147,186	540,226	263	18,973,658	17,387,192	918,921	667,295	250	53,944,222	34,970,564	36
3,192,391	19,300	587,411	2,498,076	84,518	3,086	----------	30,417,397	29,438,498	856,848	122,051	----------	37,512,116	7,094,719	37
737,812	34,572	95,045	569,808	38,387	----------	----------	2,169,113	2,114,192	42,080	10,818	2,023	3,257,288	1,088,175	38
2,086,356	13,687	260,879	1,636,461	68,956	106,373	----------	3,244,235	2,660,710	493,720	88,249	1,556	8,733,158	5,488,923	39
2,505,828	264,692	463,835	1,546,471	230,830	----------	----------	2,586,627	2,486,127	28,064	52,962	19,474	7,762,536	5,175,909	40
22,494,922	257,132	1,674,854	20,436,385	64,780	32,081	29,690	24,323,758	23,626,877	93,313	246,642	356,926	56,331,639	32,007,881	41
1,700,150	133,705	222,394	1,211,677	127,034	5,340	----------	2,265,047	2,127,867	17,169	33,183	86,828	5,001,504	2,736,457	42
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	43
47,949,244	752,976	5,112,578	40,200,591	1,545,725	235,181	102,193	198,000,486	182,236,956	12,824,238	2,609,949	329,343	301,790,749	103,790,263	44

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[6] For numbers of establishments and of wage earners in individual industries, see table 12.

TABLE 9.—GENERAL STATISTICS FOR BALTIMORE

This table presents separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establish figures are given, however, reported larger numbers of wage earners

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
1		All industries, total	2,032	1,598	126,114	1,530	10,856	105,737	7,017	610	364
2	15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	7	....	1,312	9	187	1,016	89	11	....
3	4	Belts (apparel), regardless of material	3	3	32	3	3	26	....	....	....
4	8	Bookbinding and related industries	15	12	725	18	114	555	35	3	....
5	8	Books: printing without publishing	12	5	587	19	74	478	16	....	....
6	8	Books: publishing without printing [a]	5	2	41	5	24	....	12	....	....
7	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	257	261	4,069	27	223	3,444	351	14	10
8	13	Brick and hollow structural tile	7	1	396	3	13	317	51	12	....
9	20	Brooms	6	8	290	6	10	270	4	....	....
10	1	Candy and other confectionery products [a]	34	29	820	24	64	642	87	2	1
11	1	Canned and dried fruits and vegetables (including canned soups)	25	15	2,403	29	102	2,214	54	2	2
12	4	Canvas products (except bags)	5	7	31	4	2	23	2	....	....
13	6	Caskets, coffins, burial cases, and other morticians' goods	6	3	136	2	12	97	25	....	....
14	9	Chemicals not elsewhere classified [a]	10	1	1,290	12	189	1,016	10	63	....
15	2	Cigars	7	9	202	4	9	181	8	....	....
16	3	Cloth sponging and miscellaneous special finishing	3	6	59	....	4	55	....	....	....
17	4	Coats, suits, and skirts (except fur coats)—made in contract factories [a]	3	1	93	5	2	86	....	....	....
18	4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	19	14	883	19	68	759	37	....	....
19	13	Concrete products	20	7	401	20	33	310	38	....	....
20	6	Cooperage	7	7	300	3	24	209	64	....	....
21	9	Drugs and medicines (including drug grinding) [b]	27	9	696	43	132	387	99	9	26
22	16	Electrical products not elsewhere classified	6	4	180	3	43	132	2	....	....
23	15	Electroplating, plating, and polishing	8	8	45	4	3	36	2	....	....
24	8	Electrotyping and stereotyping, not done in printing establishments	4	....	66	10	5	47	4	....	....
25	17	Elevators, escalators, and conveyors	4	2	77	7	11	54	5	....	....
26	4	Embroideries: Schiffli-machine products	3	2	198	2	19	176	1	....	....
27	14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	4	2	702	1	61	638	....	2	....
28	15	Engraving on metal (except for printing purposes)	3	3	7	1	....	6	....	....	....
29	8	Engraving (steel, copperplate, and wood); plate printing	5	8	24	1	4	19	....	....	....
30	7	Envelopes	4	....	215	11	13	165	26	....	....
31	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	13	7	603	10	131	426	35	....	1
32	9	Fertilizers	11	....	1,940	7	191	1,651	76	15	....
33	3	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	3	1	1,180	10	110	997	63	....	....
34	1	Flavoring extracts and flavoring sirups, not elsewhere classified	8	2	330	9	38	155	128	....	....
35	17	Food-products machinery [a]	10	1	974	17	82	732	140	....	3
36	12	Footwear (except rubber)	7	1	936	14	72	818	31	1	....
37	4	Fur coats and other fur garments, accessories, and trimmings	5	4	90	5	2	72	11	....	....
38	14	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	4	5	76	3	8	65	....	....	....
39	8	General commercial (job) printing	135	118	2,289	91	245	1,845	101	3	4
40	16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	3	....	264	9	62	182	11	....	....
41	13	Glass containers	4	....	1,521	15	180	1,260	61	5	....
42	14	Gray-iron and semisteel castings	6	....	398	9	37	349	3	....	....
43	20	Hand stamps, stencils, and brands	4	4	62	3	8	47	4	....	....
44	4	Housefurnishings (except curtains, draperies, and bedspreads)	7	4	324	4	25	280	15	....	....
45	6	Household furniture, except upholstered	15	9	301	15	17	262	7	....	....
46	1	Ice cream and ices	26	21	542	25	54	190	257	16	....
47	1	Ice, manufactured	24	16	502	15	33	138	312	1	3
48	9	Insecticides, fungicides, and related industrial and household chemical compounds [b]	12	5	131	....	12	104	15	....	....
49	15	Jewelry (precious metals)	7	9	73	9	5	51	8	....	....
50	12	Leather goods not elsewhere classified	4	3	37	2	4	31	....	....	....
51	1	Liquors, distilled [b]	13	....	611	14	82	449	28	33	5
52	1	Liquors, rectified or blended	9	....	409	....	94	299	16	....	....
53	8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	17	6	812	33	86	616	77	....	....
54	9	Lubricating oils and greases—not made in petroleum refineries	6	2	123	15	20	30	58	....	....
55	8	Machine and hand typesetting (including advertisement typesetting)	14	15	124	6	9	107	2	....	....
56	17	Machine-shop products, not elsewhere classified	14	4	1,606	27	223	1,185	169	2	....
57	17	Machine-shop repairs [a]	26	23	191	23	14	152	1	....	1
58	17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	3	3	15	....	1	14	....	....	....
59	6	Mattresses and bedsprings [a]	12	10	498	7	30	405	42	....	14
60	1	Meat packing, wholesale	29	20	2,580	30	169	1,812	534	35	....
61	4	Men's and boys' hats and caps (except felt and straw)	6	7	28	....	5	23	....	....	....
62	4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	20	7	3,501	16	212	3,112	151	8	2
63	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	133	182	4,628	16	42	4,568	1	....	1
64	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	103	136	5,548	64	399	4,844	234	4	3
65	4	Men's neckwear—made in inside factories or by jobbers engaging contractors	8	7	413	12	24	332	45	....	....
66	4	Millinery	5	5	385	4	22	336	23	....	....

See footnotes at end of table.

INDUSTRIAL AREA, BY INDUSTRIES: 1939

ments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined or larger values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars 171,508,272	*Dollars* 9,056,090	*Dollars* 21,361,206	*Dollars* 126,981,059	*Dollars* 12,881,854	*Dollars* 768,923	*Dollars* 459,140	*Dollars* 515,298,580	*Dollars* 481,635,948	*Dollars* 17,817,487	*Dollars* 6,428,413	*Dollars* 9,416,732	*Dollars* 856,967,248	*Dollars* 341,668,668	1
1,827,151	46,647	292,273	1,297,916	167,744	22,571	----------	7,428,497	7,132,743	117,167	138,301	40,286	11,176,598	3,748,101	2
28,827	7,540	2,989	18,298	----------	----------	----------	56,555	55,609	340	606	----------	112,305	55,750	3
910,993	117,304	160,660	568,085	60,622	4,322	----------	983,482	952,184	4,640	20,528	6,130	2,581,088	1,597,606	4
972,933	129,145	166,361	625,317	52,110	----------	----------	976,295	910,551	10,649	9,111	45,984	2,532,347	1,556,052	5
67,831	17,211	29,574	----------	21,046	----------	----------	114,645	51,659	684	612	61,690	307,942	193,297	6
5,216,578	266,863	390,928	4,188,644	340,839	24,303	5,001	8,984,159	8,565,980	255,889	162,290	----------	19,425,770	10,441,611	7
326,444	8,600	18,811	239,819	48,131	11,083	----------	273,262	60,611	186,526	24,332	1,793	749,537	476,275	8
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	9
693,377	87,391	90,500	408,426	103,045	3,180	835	1,784,796	1,735,875	24,552	24,369	----------	3,199,601	1,414,805	10
1,450,882	128,807	192,813	1,075,284	48,331	3,525	2,122	7,181,088	7,032,199	92,785	28,137	27,967	10,877,599	3,696,511	11
32,192	4,601	2,452	21,752	3,387	----------	----------	87,009	85,772	352	885	----------	173,931	86,922	12
218,844	4,999	22,695	142,815	47,635	----------	700	377,531	370,023	3,477	4,031	----------	743,236	365,705	13
1,976,954	90,647	416,855	1,331,387	38,731	99,334	----------	6,198,986	5,436,294	646,692	116,000	----------	12,545,574	6,346,588	14
143,454	14,100	12,493	107,848	9,013	----------	----------	204,983	202,469	1,063	1,451	----------	459,855	254,872	15
97,927	----------	4,803	89,685	3,439	----------	----------	21,212	15,431	1,959	3,822	----------	235,359	214,147	16
67,161	4,668	1,113	61,380	----------	----------	----------	5,720	3,520	510	1,690	----------	84,603	78,883	17
1,176,316	107,483	114,723	872,404	81,706	----------	----------	2,684,228	2,548,063	1,603	15,444	119,118	4,650,403	1,966,175	18
558,300	144,072	62,237	293,350	58,641	----------	----------	1,449,753	1,421,797	6,822	21,134	----------	2,664,681	1,214,928	19
318,781	15,676	37,915	192,694	72,496	----------	----------	645,301	624,280	13,005	8,016	----------	1,377,886	732,585	20
1,243,604	324,264	234,138	322,803	299,027	16,148	47,224	2,405,297	2,369,011	13,322	22,811	153	8,863,295	6,457,998	21
252,843	4,656	85,504	158,159	4,524	----------	----------	633,728	618,343	7,578	7,807	----------	1,052,774	419,046	22
54,082	5,335	3,016	43,001	2,730	----------	----------	16,272	12,236	1,259	2,777	----------	100,999	84,727	23
136,103	53,215	8,505	70,079	4,304	----------	----------	39,215	30,007	2,710	4,955	1,543	216,425	177,210	24
137,847	39,381	31,230	59,239	7,997	----------	----------	221,341	219,222	412	1,707	----------	535,200	313,859	25
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	26
(5)	(5)	(5)	(5)	----------	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	27
10,147	3,100	----------	7,047	----------	----------	----------	4,504	4,188	179	137	----------	32,541	28,037	28
24,079	1,809	4,985	17,285	----------	----------	----------	27,074	24,326	41	947	1,760	89,094	62,020	29
290,833	80,299	20,825	154,258	35,451	----------	----------	724,058	711,019	1,764	11,275	----------	1,196,691	472,633	30
945,265	64,403	297,287	501,908	81,147	----------	520	2,519,111	2,487,519	5,218	22,999	3,375	4,299,300	1,780,189	31
2,429,819	27,420	356,320	1,873,463	154,082	18,534	----------	9,493,562	9,139,166	46,037	308,359	----------	14,537,468	5,043,906	32
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	33
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	34
1,656,872	69,940	170,193	1,182,903	231,154	----------	2,682	1,797,318	1,738,652	13,144	38,460	7,062	4,260,647	2,463,329	35
934,171	77,180	89,684	713,053	52,990	1,264	----------	1,174,231	1,159,876	1,792	12,563	----------	2,427,200	1,252,969	36
104,211	8,840	3,670	78,672	13,029	----------	----------	231,873	230,412	----------	1,461	----------	501,157	269,284	37
65,913	9,075	5,737	51,101	----------	----------	----------	201,100	192,315	7,264	1,482	39	334,967	133,867	38
3,420,787	357,179	424,247	2,397,172	216,052	5,149	20,988	3,582,559	3,227,621	26,813	84,420	243,705	8,773,586	5,191,027	39
469,163	87,727	104,099	242,315	35,022	----------	----------	409,835	403,078	1,063	5,478	216	1,111,002	701,167	40
2,174,399	190,318	381,356	1,466,096	129,225	7,404	----------	1,764,141	1,256,357	346,491	158,815	2,478	5,918,568	4,154,427	41
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	42
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	43
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	44
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	45
874,265	227,036	93,108	178,340	349,288	26,493	----------	2,328,242	2,230,322	20,097	71,627	6,196	4,414,123	2,085,881	46
675,022	71,255	58,389	166,329	372,585	2,750	3,714	301,420	57,208	30,158	214,054	----------	1,986,354	1,684,934	47
189,675	32,803	31,545	108,249	16,578	----------	500	1,068,585	1,054,461	6,388	7,736	----------	2,042,537	973,952	48
98,804	25,187	4,859	58,208	10,550	----------	----------	167,912	163,315	1,068	1,590	1,939	327,640	159,728	49
27,647	1,514	4,727	21,406	----------	----------	----------	25,530	24,868	344	318	----------	83,809	58,279	50
773,581	66,567	133,067	503,525	49,370	18,556	2,496	2,722,542	2,427,912	219,515	75,115	----------	4,568,102	1,845,560	51
(5)	----------	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	52
1,242,887	180,427	146,114	754,107	162,239	----------	----------	1,083,299	987,179	12,792	21,568	61,760	3,183,700	2,100,401	53
225,028	55,212	28,214	36,945	104,657	----------	----------	431,825	424,627	5,208	1,990	----------	1,004,905	573,080	54
205,477	40,418	11,758	150,747	2,554	----------	----------	49,155	41,803	2,276	5,036	40	432,351	383,196	55
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	56
271,090	52,905	18,628	196,300	2,496	----------	761	209,633	197,329	4,946	6,858	500	627,309	417,676	57
18,414	----------	780	17,634	----------	----------	----------	17,573	15,731	757	1,085	----------	56,369	38,796	58
519,910	48,220	47,597	339,968	70,215	----------	13,910	1,031,063	1,013,536	6,209	11,318	----------	1,862,516	831,453	59
3,562,182	171,200	307,177	1,795,825	1,246,604	41,376	----------	26,795,481	26,513,363	131,307	110,993	39,818	32,703,534	5,908,053	60
22,100	----------	2,976	19,124	----------	----------	----------	53,044	48,985	105	644	3,310	100,754	47,710	61
2,671,134	228,196	312,199	1,750,601	369,749	8,929	1,460	6,557,506	5,700,133	12,017	32,330	813,026	10,475,516	3,918,010	62
3,604,415	47,932	47,847	3,507,506	350	----------	780	382,946	159,025	24,808	40,002	159,111	4,709,608	4,326,662	63
5,967,297	278,913	603,236	4,723,296	355,768	4,368	1,716	19,764,435	14,758,447	32,378	65,083	4,908,527	30,326,349	10,561,914	64
364,546	61,095	30,004	215,213	58,234	----------	----------	699,032	672,179	352	3,797	22,704	1,405,768	706,736	65
337,025	10,280	41,432	247,952	37,361	----------	----------	679,236	674,812	284	4,140	----------	1,311,491	632,255	66

TABLE 9.—GENERAL STATISTICS FOR BALTIMORE

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1]						
					Total [2]	Salaried officers of corporations [2]	Manufacturing		Distribution	Construction	Other
							Salaried employees [2]	Wage earners (average for year) [3]			
1	6	Mirror frames and picture frames	5	5	72	2	4	62	4		
2	13	Mirrors and other glass products made of purchased glass	11	12	129	3	17	104	5		
3	20	Miscellaneous fabricated products not elsewhere classified	7	3	245	9	36	194	6		
4	4	Miscellaneous fabricated textile products not elsewhere classified	4	5	30	2	4	24			
5	20	Models and patterns (except paper patterns)	6	8	25		1	24			
6	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	28	24	160	16	21	121	2		
7	8	Newspapers: publishing and printing	10	2	2,292	17	806	984	485		
8	1	Nonalcoholic beverages	27	26	699	20	57	297	320	1	4
9	15	Nonferrous-metal products not elsewhere classified	9	6	54	2	5	47			
10	4	Oil burners, domestic and industrial	4	2	165	4	54	82	18		7
11	9	Paints, varnishes, and lacquers [4]	22	16	502	28	91	278	103	2	
12	7	Paper and paperboard mills	5	4	437	5	33	372	11	16	
13	7	Paper bags, except those made in paper mills	3		112	4	17	87	4		
14	7	Paperboard containers and boxes not elsewhere classified	22	8	1,344	28	105	1,134	71	2	4
15	6	Partitions, shelving, cabinet work, and office and store fixtures [4]	13	12	300	11	50	230	9		
16	10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	8	1	137	8	21	80	28		
17	8	Periodicals: publishing without printing	18	3	173	15	130	3	25		
18	8	Photoengraving, not done in printing establishments (including preparation of plates)	10	2	117	15	16	67	19		
19	1	Pickled fruits and vegetables and vegetable sauces and seasonings	9	12	497	9	35	417	34	2	
20	5	Planing mills not operated in conjunction with sawmills	24	19	455	6	46	401	2		
21	1	Prepared feeds (including mineral) for animals and fowls	12	7	285	11	38	198	37		1
22	9	Printing ink	3		19	1	1	8	9		
23	17	Printing-trades machinery and equipment	3	2	21	3	2	11	3		2
24	3	Processed waste and recovered wool fibers—contract factories	5	5	37	2	3	32			
25	10	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	3	3	119	1	3	86	29		
26	1	Salad dressings	3		92	1	7	70	14		
27	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	20	24	207	11	22	154	20		
28	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	3	2	46	1	1	42	2		
29	15	Sheet-metal work not specifically classified [4]	29	17	487	40	37	383	25	2	
30	19	Shipbuilding and ship repairing	17	17	5,548	14	218	5,282	19	15	
31	15	Silverware and plated ware	7	5	283	8	22	223	18	4	8
32	12	Suitcases, brief cases, bags, trunks, and other luggage	3	5	83		6	72	5		
33	20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	3	2	15	2	1	12			
34	4	Textile bags—not made in textile mills	11	10	202	7	16	163	15	1	
35	14	Tin cans and other tinware not elsewhere classified	16	1	4,286	11	477	3,710	84	4	
36	4	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	4	3	37		2	34	1		
37	4	Trousers (semidress), wash suits, and washable service apparel	6	6	569	8	29	504	28		
38	20	Umbrellas, parasols, and canes	4	4	343	5	13	321	4		
39	6	Upholstered household furniture [5]	21	27	717	13	44	640	20		
40	6	Venetian blinds	3	4	107	1	8	94	4		
41	6	Window shades	8	8	41	3	4	29	5		
42	4	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	4	5	149	2	11	130	6		
43	4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	6	3	512	7	28	451	26		
44	6	Wooden boxes except cigar boxes	7	3	389	9	16	344	18	2	
45	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	13	20	858	7	51	766	31		3
46	4	Work shirts	3	5	78	2	8	42	26		
47		Other industries [6]	512	296	71,750	480	6,286	61,512	2,856	357	259
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]									
48	1	Food and kindred products	98	57	5,072	85	484	3,329	963	25	186
49	3	Textile-mill products and other fiber manufactures	18	6	3,264	30	261	2,893	80		
50	4	Apparel and other finished products made from fabrics and similar materials	50	47	2,477	29	157	2,185	103		3
51	6	Furniture and finished lumber products	28	18	676	26	46	583	21		
52	7	Paper and allied products	3		183	3	23	149	8		
53	8	Printing, publishing, and allied industries	18	5	2,413	21	845	1,056	491		
54	9	Chemicals and allied products	40	17	2,054	30	346	1,441	104	132	1
55	10	Products of petroleum and coal	6	3	1,527	1	209	1,285	29	3	
56	11	Rubber products	12	7	690	14	38	577	61		
57	12	Leather and leather products	7	7	187	3	15	156	13		
58	13	Stone, clay, and glass products	10	5	1,018	3	120	869	26		
59	14	Iron and steel and their products, except machinery	77	18	27,597	88	1,497	25,467	434	96	15
60	15	Nonferrous metals and their products	12	13	1,319	4	138	1,162	2	9	4
61	17	Machinery (except electrical)	33	16	2,751	59	426	2,064	196	6	
62	20	Miscellaneous industries	58	47	2,238	52	213	1,845	128		
63	5	Lumber and timber basic products	3		18,284	32	1,468	16,451	197	86	50
	16	Electrical machinery	4								
	18	Automobiles and automobile equipment	13								
	19	Transportation equipment except automobiles	22								

* As figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries" for the industrial area.

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.
[2] Figures do not include data for personnel of central-administrative offices.
[3] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.
[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.

INDUSTRIAL AREA, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total[2]	Salaries of officers of corporations[2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture[4]	
		Salaries[2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
70, 215	5, 986	4, 557	55, 907	3, 765			165, 366	159, 504	344	5, 518		299, 652	134, 286	1
156, 627	6, 370	25, 189	116, 615	8, 453			347, 040	342, 375	2, 327	2, 338		618, 337	271, 297	2
277, 506	62, 388	45, 635	159, 545	9, 938			229, 835	211, 735	7, 695	8, 489	1, 916	583, 584	353, 749	3
32, 394	6, 487	4, 090	21, 817				47, 722	42, 870	148	404	4, 300	101, 674	53, 952	4
33, 712		927	32, 785				14, 806	13, 863	68	875		72, 944	58, 138	5
209, 350	45, 162	36, 578	125, 773	1, 837			252, 461	235, 638	2, 008	14, 815		646, 560	394, 099	6
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)	(5)	(5)	(5)	7
1, 053, 351	148, 832	101, 861	260, 117	533, 171	1, 170	8, 200	1, 859, 253	1, 817, 304	17, 266	22, 346	2, 337	4, 114, 197	2, 254, 944	8
56, 008	5, 750	5, 488	44, 770				40, 966	36, 568	1, 626	1, 544	1, 228	122, 335	81, 369	9
285, 235	27, 863	74, 125	116, 807	61, 376		5, 064	697, 822	688, 404	4, 163	5, 255		1, 235, 304	537, 482	10
808, 111	221, 277	145, 866	250, 223	187, 854	2, 891		2, 204, 161	2, 167, 514	11, 904	24, 743		3, 838, 237	1, 634, 076	11
533, 049	28, 821	74, 799	397, 868	18, 854	12, 707		1, 084, 952	840, 377	167, 567	43, 829	33, 179	2, 128, 792	1, 043, 840	12
133, 617	26, 110	28, 286	72, 332	6, 889			310, 339	303, 210	740	6, 389		620, 413	310, 074	13
1, 493, 507	175, 648	156, 599	991, 823	160, 834	3, 520	5, 083	3, 490, 903	3, 430, 683	22, 536	37, 684		6, 043, 313	2, 552, 410	14
413, 464	36, 709	85, 096	273, 435	18, 224			421, 799	404, 246	5, 878	11, 425	250	970, 833	549, 034	15
213, 966	33, 786	43, 409	83, 654	53, 117			1, 578, 328	1, 465, 403	32, 034	7, 366	73, 525	2, 649, 763	1, 071, 435	16
309, 246	60, 940	197, 178	6, 000	45, 128			478, 640	7, 513	185	493	470, 449	1, 127, 346	648, 706	17
295, 651	61, 064	21, 128	176, 386	37, 073			59, 561	53, 750	425	4, 080	1, 306	423, 830	364, 269	18
380, 731	60, 411	49, 104	227, 072	40, 918	3, 226		1, 508, 670	1, 494, 876	7, 927	5, 867		2, 194, 989	686, 319	19
600, 262	28, 080	90, 606	480, 136	1, 440			1, 898, 870	1, 871, 620	2, 855	24, 395		2, 904, 467	1, 005, 597	20
362, 511	57, 215	52, 797	187, 824	63, 715		960	4, 539, 479	4, 474, 616	21, 334	43, 529		5, 683, 835	1, 144, 356	21
33, 283	819	2, 470	7, 398	22, 596			79, 691	79, 055		636		145, 056	65, 365	22
57, 340	23, 160	3, 483	16, 685	11, 352		2, 660	22, 966	21, 331	626	1, 009		115, 901	92, 935	23
26, 547	4, 048	3, 495	19, 004				68, 789	67, 978	622	189		121, 587	52, 798	24
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)	25
130, 989	19, 550	10, 388	75, 193	25, 858			805, 660	799, 123	2, 129	4, 408		1, 116, 086	310, 426	26
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)	27
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)	28
686, 646	119, 177	46, 468	480, 411	38, 058	2, 532		865, 486	813, 792	6, 369	9, 243	36, 082	2, 081, 131	1, 215, 645	29
(5)	(5)	(5)	(5)	(5)	(5)		(5)	(5)	(5)	(5)	(5)	(5)	(5)	30
436, 583	83, 694	30, 543	281, 731	27, 683	6, 447	6, 485	543, 486	529, 210	3, 806	10, 470		1, 305, 254	761, 768	31
(5)		(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)	32
21, 524	5, 720	156	15, 648				11, 603	10, 959	304	340		45, 233	33, 630	33
194, 640	29, 386	24, 197	105, 725	34, 332	1, 000		1, 617, 788	1, 609, 469	1, 565	6, 754		2, 025, 894	408, 106	34
(5)	(5)	(5)	(5)	(5)	(5)		(5)	(5)	(5)	(5)	(5)	(5)	(5)	35
(5)		(5)	(5)	(5)			(5)	(5)		(5)		(5)	(5)	36
453, 896	38, 236	42, 299	333, 839	39, 522			942, 989	828, 968	3, 273	7, 060	103, 688	1, 583, 849	640, 860	37
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)	38
758, 624	29, 942	56, 093	629, 842	42, 747			1, 332, 741	1, 313, 858	7, 802	10, 507	574	2, 445, 356	1, 112, 615	39
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)	40
44, 305	9, 400	4, 884	23, 456	6, 565			191, 671	190, 564	226	881		292, 070	100, 399	41
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)	(5)	(5)	(5)	42
471, 601	53, 500	46, 311	328, 188	43, 602			1, 609, 555	1, 248, 751	250	5, 599	354, 955	2, 609, 126	999, 571	43
416, 885	28, 458	27, 840	339, 698	18, 155	2, 734		773, 461	765, 041	10	8, 410		1, 539, 628	766, 167	44
672, 000	63, 000	72, 398	507, 392	26, 170		3, 040	1, 517, 102	1, 452, 869	3, 580	9, 243	51, 410	2, 508, 956	991, 854	45
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)	(5)	(5)	(5)	46
107, 592, 692	3, 258, 938	13, 609, 321	84, 281, 421	5, 684, 891	435, 382	322, 739	355, 113, 514	334, 096, 679	15, 170, 865	4, 144, 667	1, 701, 303	574, 343, 948	219, 230, 434	47
7, 254, 616	558, 849	913, 563	3, 899, 468	1, 649, 788	43, 466	189, 482	45, 431, 662	44, 643, 965	552, 680	235, 017		70, 029, 264	24, 597, 602	48
3, 148, 749	242, 082	426, 640	2, 317, 662	162, 365			7, 980, 528	7, 388, 415	110, 805	105, 980	375, 328	13, 388, 128	5, 407, 600	49
2, 310, 808	290, 846	253, 502	1, 517, 091	247, 291		2, 078	4, 115, 920	3, 831, 210	11, 308	29, 536	243, 866	7, 455, 990	3, 340, 070	50
646, 258	69, 150	50, 996	482, 001	44, 111			1, 020, 166	994, 021	8, 462	17, 683		2, 047, 833	1, 027, 667	51
184, 513	10, 879	32, 880	118, 810	21, 944			358, 467	345, 874	5, 092	7, 501		732, 548	374, 081	52
4, 824, 967	246, 330	1, 815, 089	2, 084, 336	679, 212			3, 906, 637	3, 441, 496	25, 295	82, 785	357, 061	11, 455, 586	7, 548, 949	53
2, 999, 606	100, 125	683, 095	1, 841, 702	247, 678	126, 743	263	13, 033, 799	12, 208, 727	493, 105	330, 967	1, 000	24, 877, 638	11, 843, 839	54
2, 978, 810	19, 300	531, 481	2, 340, 425	84, 518	3, 086		26, 651, 312	25, 930, 567	630, 064	90, 681		32, 564, 395	5, 913, 083	55
652, 106	72, 851	48, 943	442, 510	87, 802			1, 237, 382	1, 168, 552	17, 731	51, 099		2, 411, 294	1, 173, 912	56
202, 234	11, 830	22, 333	143, 650	24, 421			366, 932	361, 900	844	2, 165	2, 023	681, 730	314, 798	57
1, 197, 472	6, 697	164, 509	960, 690	65, 576			2, 303, 845	2, 130, 086	118, 388	53, 815	1, 556	5, 736, 615	3, 432, 770	58
42, 335, 644	848, 348	3, 209, 752	36, 864, 786	1, 255, 242	92, 240	65, 276	113, 588, 446	98, 966, 402	12, 389, 422	2, 105, 554	127, 068	202, 803, 582	89, 215, 136	59
2, 084, 244	5, 760	314, 941	1, 739, 243	3, 432	13, 334	7, 534	59, 509, 678	58, 727, 195	391, 683	390, 450	350	63, 252, 132	3, 742, 454	60
4, 343, 569	305, 933	832, 515	2, 708, 988	486, 224	9, 909		4, 141, 870	3, 907, 850	97, 433	113, 355	23, 232	10, 710, 463	6, 568, 593	61
2, 401, 111	212, 671	332, 921	1, 604, 638	250, 881			4, 086, 945	3, 977, 833	66, 023	30, 231	12, 858	8, 372, 293	4, 285, 348	62
30, 027, 985	257, 287	3, 976, 161	25, 215, 421	374, 406	146, 604	58, 106	67, 379, 925	66, 072, 586	252, 530	497, 848	556, 961	117, 824, 457	50, 444, 532	63

[6] For numbers of establishments and of wage earners in individual industries, see table 12.

[a] and [b] To avoid disclosing exact or approximate data for individual establishments, the data for certain establishments located outside the Baltimore industrial area have been included in the figures for the industries to which these footnotes are indexed. Data for these establishments are not, however, included in the total for the area.

[a] 1 establishment. [b] 2 establishments.

TABLE 10.—GENERAL STATISTICS FOR BALTIMORE CITY, BY INDUSTRIES: 1939

[The independent city of Baltimore is not included in any county. This table presents separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures are given, however, reported larger numbers of wage earners or larger values of products than some of those shown separately. No data for nonmanufacturing personnel, except salaried officers of corporations, are included in this table]

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
	All industries, total	1,935	1,531	1,468	9,611	76,556	$8,572,739	$18,299,909	$81,064,725	$396,696,762	$646,072,839	$249,376,077
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	7		9	187	1,016	46,647	292,273	1,297,916	7,428,497	11,176,598	3,748,101
4	Belts (apparel), regardless of material	3	3	3	3	26	7,540	2,989	18,298	56,555	112,305	55,750
8	Bookbinding and related industries	15	12	18	114	555	117,304	160,660	568,085	983,482	2,581,088	1,597,606
8	Books: printing without publishing	12	5	19	74	478	129,145	166,361	625,317	976,295	2,532,347	1,556,052
8	Books: publishing without printing [a]	5	2	5	24		17,211	29,574		114,645	307,942	193,297
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	246	251	26	222	3,407	263,863	390,174	4,152,147	8,895,398	19,230,252	10,334,854
13	Brick and hollow structural tile	4	1	3	6	186	8,600	7,398	148,556	173,902	447,391	273,489
20	Brooms	6	8	6	10	270	(4)	(4)	(4)	(4)	(4)	(4)
1	Candy and other confectionery products [a]	34	29	24	64	642	87,391	90,500	408,426	1,784,796	3,199,601	1,414,805
1	Canned and dried fruits and vegetables (including canned soups)	21	10	29	102	2,176	128,807	192,813	1,066,320	7,134,930	10,809,561	3,674,631
4	Canvas products (except bags)	5	7	4	2	23	4,601	2,452	21,752	87,009	173,931	86,922
6	Caskets, coffins, burial cases, and other morticians' goods	6	3	2	12	97	4,999	22,695	142,815	377,531	743,236	365,705
9	Chemicals not elsewhere classified [a]	10	1	12	189	1,016	90,647	416,855	1,331,387	6,198,986	12,545,574	6,346,588
2	Cigars	7	9	4	9	181	14,100	12,493	107,848	204,983	459,855	254,872
3	Cloth sponging and miscellaneous special finishing	3	6		4	55		4,803	89,685	21,212	235,359	214,147
4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	19	14	19	68	759	107,483	114,723	872,404	2,684,228	4,650,403	1,966,175
13	Concrete products	14	4	18	25	237	121,572	48,241	229,773	1,202,632	2,179,385	976,753
6	Cooperage	7	7	3	24	209	15,676	37,915	192,694	645,301	1,377,886	732,585
9	Drugs and medicines (including drug grinding) [b]	27	9	43	132	387	324,264	234,138	322,803	2,405,297	8,863,295	6,457,998
15	Electroplating, plating, and polishing	8	8	4	3	36	5,335	3,016	43,001	16,272	100,999	84,727
8	Electrotyping and stereotyping, not done in printing establishments	4		10	5	47	53,215	8,505	70,079	39,215	216,425	177,210
17	Elevators, escalators, and conveyors	4	2	7	11	54	39,381	31,230	59,239	221,341	535,200	313,859
14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	4	2	1	61	638	(4)	(4)	(4)	(4)	(4)	(4)
15	Engraving on metal (except for printing purposes)	3	3	1	...	6	3,100	.	7,047	4,504	32,541	28,037
8	Engraving (steel, copperplate, and wood); plate printing	5	8	1	4	19	1,809	4,985	17,285	27,074	89,094	62,020
7	Envelopes	4		11	13	165	80,299	20,825	154,258	724,058	1,196,691	472,633
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	13	7	10	131	426	64,403	297,287	501,908	2,519,111	4,299,300	1,780,189
9	Fertilizers [a]	11	.	7	191	1,651	27,420	356,320	1,873,463	9,493,562	14,537,468	5,043,906
3	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	3	1	10	110	997	(4)	(4)	(4)	(4)	(4)	(4)
1	Flavoring extracts and flavoring sirups, not elsewhere classified	8	2	9	38	156	(4)	(4)	(4)	(4)	(4)	(4)
12	Footwear (except rubber)	7	1	14	72	818	77,180	89,684	713,053	1,174,231	2,427,200	1,252,969
4	Fur coats and other fur garments, accessories, and trimmings	5	4	5	2	72	8,840	3,670	78,672	231,873	501,157	269,284
14	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	4	5	3	8	65	9,075	5,737	51,101	201,100	334,967	133,867
8	General commercial (job) printing [a]	135	118	91	245	1,845	357,179	424,247	2,397,172	3,582,559	8,773,586	5,191,027
16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	3	.....	9	62	182	87,727	104,099	242,315	409,835	1,111,002	701,167
13	Glass containers	4	...	15	180	1,260	190,318	381,356	1,466,096	1,764,141	5,918,568	4,154,427
14	Gray-iron and semisteel castings	6	..	9	37	349	(4)	(4)	(4)	(4)	(4)	(4)
20	Hand stamps, stencils, and brands	4	4	3	8	47	(4)	(4)	(4)	(4)	(4)	(4)
4	Housefurnishings (except curtains, draperies, and bedspreads)	7	4	4	25	280	(4)	(4)	(4)	(4)	(4)	(4)
6	Household furniture, except upholstered	15	9	15	17	262	(4)	(4)	(4)	(4)	(4)	(4)
1	Ice cream and ices [c]	26	21	25	54	190	227,036	93,108	178,340	2,328,242	4,414,123	2,085,881
1	Ice, manufactured	19	7	15	32	130	71,255	57,639	156,382	276,738	1,904,718	1,627,980
9	Insecticides, fungicides, and related industrial and household chemical compounds [b]	12	5	.....	12	104	32,803	31,545	108,249	1,068,585	2,042,537	973,952
15	Jewelry (precious metals)	7	9	9	5	51	25,187	4,859	58,208	167,912	327,640	159,728
1	Liquors, distilled	5	.....	2	22	234	6,500	36,645	282,558	949,434	1,745,829	796,395
8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	17	6	33	86	616	180,427	146,114	754,107	1,083,299	3,183,700	2,100,401
9	Lubricating oils and greases—not made in petroleum refineries	6	2	15	20	30	55,212	28,214	36,945	431,825	1,004,905	573,080
8	Machine and hand typesetting (including advertisement typesetting)	14	15	6	9	107	40,418	11,758	150,747	49,155	432,351	383,196
17	Machine-shop repairs [a]	26	23	23	14	152	52,905	18,628	196,300	209,633	627,309	417,676
17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	3	3	.....	1	14	.....	780	17,634	17,573	56,369	38,796

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR BALTIMORE CITY, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
6	Mattresses and bedsprings [a]	12	10	7	30	405	$48,220	$47,597	$339,968	$1,031,063	$1,862,516	$831,453
1	Meat packing, wholesale	29	20	30	169	1,812	171,200	307,177	1,795,825	26,795,481	32,703,534	5,908,053
4	Men's and boys' hats and caps (except felt and straw)	6	7	-------	5	23	-------	2,976	19,124	53,044	100,754	47,710
4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	20	7	16	212	3,112	228,196	312,199	1,750,601	6,557,506	10,475,516	3,918,010
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	133	182	16	42	4,568	47,932	47,847	3,507,506	382,946	4,709,608	4,326,662
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	103	136	64	399	4,844	278,913	603,236	4,723,296	19,764,435	30,326,349	10,561,914
4	Men's neckwear—made in inside factories or by jobbers engaging contractors	8	7	12	24	332	61,095	30,004	215,213	699,032	1,405,768	706,736
4	Millinery	5	5	4	22	336	10,280	41,432	247,952	679,236	1,311,491	632,255
6	Mirror frames and picture frames	5	5	2	4	62	5,986	4,557	55,907	165,366	299,652	134,286
13	Mirrors and other glass products made of purchased glass	11	12	3	17	104	6,370	25,189	116,615	347,040	618,337	271,297
4	Miscellaneous fabricated textile products not elsewhere classified	4	5	2	4	24	6,487	4,090	21,817	47,722	101,674	53,952
20	Models and patterns (except paper patterns)	6	8	-------	1	24	-------	927	32,785	14,806	72,944	58,138
13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	25	21	16	21	117	45,162	36,578	119,288	243,398	618,768	375,370
8	Newspapers: publishing and printing	7	2	10	802	975	(4)	(4)	(4)	(4)	(4)	(4)
1	Nonalcoholic beverages	23	21	17	51	279	(4)	(4)	(4)	(4)	(4)	(4)
14	Oil burners, domestic and industrial [a]	4	2	4	54	82	27,863	74,125	116,807	697,822	1,235,304	537,482
9	Paints, varnishes, and lacquers [a]	22	16	28	91	278	221,277	145,866	250,223	2,204,161	3,838,237	1,634,076
7	Paper bags, except those made in paper mills	3	-------	4	17	87	26,110	28,286	72,332	310,339	620,413	310,074
7	Paperboard containers and boxes not elsewhere classified	22	8	28	105	1,134	175,648	156,599	991,823	3,490,903	6,043,313	2,552,410
6	Partitions, shelving, cabinet work, and office and store fixtures [a]	13	12	11	50	230	36,709	85,096	273,435	421,799	970,833	549,034
10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition [a]	8	1	8	21	80	33,786	43,409	83,654	1,578,328	2,649,763	1,071,435
8	Periodicals: publishing without printing	18	3	15	130	3	60,940	197,178	6,000	478,640	1,127,346	648,706
8	Photoengraving, not done in printing establishments (including preparation of plates)	10	2	15	16	67	61,064	21,128	176,386	59,561	423,830	364,269
1	Pickled fruits and vegetables and vegetable sauces and seasonings	9	12	9	35	417	60,411	49,104	227,072	1,508,670	2,194,989	686,319
5	Planing mills not operated in conjunction with sawmills [a]	24	19	6	46	401	28,080	90,606	480,136	1,898,870	2,904,467	1,005,597
1	Prepared feeds (including mineral) for animals and fowls [a]	12	7	11	38	198	57,215	52,797	187,824	4,539,479	5,683,835	1,144,356
9	Printing ink	3	-------	1	1	8	819	2,470	7,398	79,691	145,056	65,365
17	Printing-trades machinery and equipment	3	2	3	2	11	23,160	3,483	16,685	22,966	115,901	92,935
3	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	5	5	2	3	32	4,048	3,495	19,004	68,789	121,587	52,798
10	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	3	3	1	3	86	(4)	(4)	(4)	(4)	(4)	(4)
1	Salad dressings	3	-------	1	7	70	19,550	10,388	75,193	805,660	1,116,086	310,426
15	Sheet-metal work not specifically classified	26	17	35	33	350	101,526	42,434	456,092	694,192	1,791,795	1,097,603
19	Shipbuilding and ship repairing	14	13	13	187	3,014	64,711	425,811	4,105,533	3,059,078	9,897,039	6,837,961
15	Silverware and plated ware	7	5	8	22	223	83,694	30,543	281,731	543,486	1,305,254	761,768
12	Suitcases, brief cases, bags, trunks, and other luggage	3	5	-------	6	72	-------	(4)	(4)	(4)	(4)	(4)
20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	3	2	2	1	12	5,720	156	15,648	11,603	45,233	33,630
4	Textile bags—not made in textile mills	11	10	7	16	164	29,386	24,197	105,725	1,617,788	2,025,894	408,106
14	Tin cans and other tinware not elsewhere classified	16	1	11	477	3,710	(4)	(4)	(4)	(4)	(4)	(4)
4	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contraetors	4	3	-------	2	34	-------	(4)	(4)	(4)	(4)	(4)
4	Trousers (semidress), wash suits, and washable service apparel	6	6	8	29	504	38,236	42,299	333,839	942,989	1,583,849	640,860
20	Umbrellas, parasols, and canes	4	4	5	13	321	(4)	(4)	(4)	(4)	(4)	(4)
6	Upholstered household furniture [b]	21	27	13	44	640	29,942	56,093	629,842	1,332,741	2,445,356	1,112,615
6	Venetian blinds	3	4	1	8	94	(4)	(4)	(4)	(4)	(4)	(4)
6	Window shades	8	8	3	4	29	9,400	4,884	23,456	191,671	292,070	100,399
4	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	4	5	2	11	130	(4)	(4)	(4)	(4)	(4)	(4)

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR BALTIMORE CITY, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	6	3	7	28	451	$53,500	$46,311	$328,188	$1,609,555	$2,609,126	$999,571
4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	13	20	7	51	766	63,000	72,398	507,392	1,517,102	2,508,956	991,854
4	Work shirts	3	5	2	8	42	(4)	(4)	(4)	(4)	(4)	(4)
	Other industries [5]	526	301	495	5,230	32,087	3,185,349	10,797,269	37,419,305	242,853,971	372,420,276	129,566,305
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	116	74	101	483	3,507	647,327	944,247	4,021,772	42,706,680	68,246,101	25,539,421
3	Textile-mill products and other fiber manufactures	15	4	24	234	2,476	201,482	338,538	1,850,813	6,520,615	10,719,076	4,198,461
4	Apparel and other finished products made from fabrics and similar materials	50	46	32	157	2,220	294,536	253,287	1,558,778	4,073,968	7,430,535	3,356,567
6	Furniture and finished lumber products	34	21	35	60	836	97,608	69,881	711,773	1,490,190	2,956,546	1,466,356
7	Paper and allied products	4	------	6	34	277	26,700	59,978	232,963	820,554	1,588,273	767,719
8	Printing, publishing, and allied industries	15	5	14	841	1,047	234,579	1,807,937	2,068,029	3,887,020	11,369,424	7,482,404
9	Chemicals and allied products	39	16	30	346	1,438	100,125	683,095	1,839,765	13,028,917	24,866,909	11,837,992
12	Leather and leather products	10	9	5	16	167	13,344	22,560	155,400	377,574	710,547	332,973
13	Stone, clay, and glass products	7	3	2	114	846	4,097	157,691	940,320	2,238,813	5,568,963	3,330,150
14	Iron and steel and their products, except machinery	74	18	84	983	9,026	820,478	1,895,307	10,051,489	38,512,097	68,727,466	30,215,369
16	Electrical machinery	9	5	7	721	1,720	36,191	2,017,763	2,687,280	7,062,038	17,883,435	10,821,397
17	Machinery (except electrical)	38	13	69	360	2,137	333,633	733,035	3,087,604	4,791,365	10,810,556	6,019,191
20	Miscellaneous industries	62	49	57	233	1,973	238,219	356,414	1,700,219	4,179,594	8,642,057	4,462,463
10	Products of petroleum and coal	5	3	1	205	778						
11	Rubber products	12	7	14	38	577						
15	Nonferrous metals and their products	20	18	6	142	1,199	137,030	1,457,536	6,513,100	113,164,546	132,900,388	19,735,842
18	Automobiles and automobile equipment	13	10	4	181	1,730						
19	Transportation equipment except automobiles	3	------	4	82	133						

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries" for Baltimore.

[1] Figures do not include data for personnel of central-administrative offices.
[2] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.
[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[4] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[5] For numbers of establishments and of wage earners in individual industries, see table 12.

[a], [b], [c] To avoid disclosing exact or approximate data for individual establishments, the data for certain establishments located outside Baltimore city have been included in the figures for the industries to which these footnotes are indexed. Data for these establishments are not, however, included in the total for the city.
[a] 1 establishment. [b] 2 establishments. [c] 3 establishments.

TABLE 11.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939

COUNTY	Total	INDUSTRY GROUP 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
The State	2,893	964	7	49	461	97	133	45	333	167	15	17	27	138	117	83	14	87	14	36	89
Allegany	72	27	----	3	1	8	2	2	4	2	----	1	----	13	5	----	----	4	----	----	----
Anne Arundel	22	7	----	----	----	2	----	----	4	2	1	----	1	2	----	----	----	----	----	3	----
Baltimore	97	39	----	3	2	4	1	4	4	2	2	----	1	15	4	3	1	4	----	5	3
Baltimore city	1,935	515	7	20	400	23	102	33	248	123	12	12	17	65	94	78	12	73	13	17	71
Calvert	6	2	----	----	----	3	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----
Caroline	50	35	----	----	1	2	2	----	5	1	----	----	1	----	----	----	----	----	----	----	3
Carroll	80	41	----	1	10	2	1	1	6	10	----	1	1	4	----	----	----	1	1	----	----
Cecil	26	10	----	3	----	1	1	2	2	2	----	----	----	2	2	----	----	----	----	1	----
Charles	10	3	----	----	----	5	----	----	2	----	----	----	----	----	----	----	----	----	----	----	----
Dorchester	69	40	----	1	7	8	1	----	3	1	----	----	----	1	3	----	----	----	----	4	----
Frederick	68	34	----	1	6	3	----	1	6	3	----	----	----	8	3	----	1	----	----	----	2
Garrett	13	5	----	----	----	6	----	----	2	----	----	----	----	----	----	----	----	----	----	----	----
Harford	56	39	----	----	2	1	----	----	5	3	----	1	1	3	----	1	----	----	----	----	----
Howard	11	5	----	2	1	----	----	----	1	1	----	----	----	----	1	----	----	----	----	----	----
Kent	14	6	----	1	1	----	----	----	3	2	----	----	----	1	----	----	----	----	----	----	----
Montgomery	22	9	----	----	----	1	2	----	7	1	----	----	----	1	----	----	----	----	----	----	1
Prince Georges	31	10	----	----	----	3	----	----	6	2	----	----	----	7	----	----	----	1	----	----	2
Queen Annes	16	11	----	----	1	----	----	----	1	2	----	----	----	1	----	----	----	----	----	----	----
St. Marys	4	2	----	----	----	2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Somerset	42	23	----	----	4	3	5	----	4	1	----	----	----	----	1	----	----	----	----	----	1
Talbot	37	26	----	2	1	----	----	----	3	----	----	----	----	3	----	----	----	----	----	2	----
Washington	95	30	----	9	2	8	5	1	8	4	----	2	5	6	3	1	----	3	----	2	6
Wicomico	72	19	----	1	20	7	7	1	6	3	----	----	----	5	1	----	----	1	----	1	----
Worcester	45	26	----	2	2	5	4	----	3	2	----	----	----	1	----	----	----	----	----	----	----

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, THE BALTIMORE INDUSTRIAL AREA, AND BALTIMORE CITY: 1939

[In order to avoid disclosing data for individual establishments, wage-earner figures for industries represented by fewer than three establishments are withheld]

Group No.[1]	TITLE	Number of establishments	Wage earners
	STATE OF MARYLAND		
1	Baking powder, yeast, and other leavening compounds	2	
	Blended and prepared flour made from purchased flour	2	
	Cane-sugar refining	1	
	Cereal preparations	1	
	Cheese	5	23
	Condensed and evaporated milk	6	103
	Creamery butter	2	
	Cured fish	2	
	Flavoring extracts and flavoring sirups, not elsewhere classified	8	155
	Liquors, rectified or blended	9	299
	Oleomargarine—not made in meat-packing establishments	1	
	Preserves, jams, jellies, and fruit butters	2	
	Quick-frozen foods	1	
	Sausage casings—not made in meat-packing establishments	1	
	Special dairy products	2	
	Vinegar and cider	2	
3	Batting, padding, and wadding; upholstery filling	2	
	Cordage and twine	2	
	Cotton narrow fabrics	1	
	Cotton thread	1	
	Cotton yarn	1	
	Dyeing and finishing cotton, rayon, silk, and linen textiles	4	579
	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	3	997
	Hosiery—seamless	4	407
	Knitted underwear	1	
	Rayon throwing and spinning—contract factories	2	
	Silk narrow fabrics	1	
4	Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors	1	
	Children's dresses—made in contract factories	1	
	Children's dresses—made in inside factories or by jobbers engaging contractors	2	
	Corsets and allied garments	1	
	Curtains, draperies, and bedspreads—contract factories	1	
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	1	
	Embroideries, other than Schiffli-machine products—made in regular factories or by jobbers engaging contractors	1	
	Embroideries: Schiffli-machine products	3	176
	House dresses, uniforms, and aprons—made in contract factories	2	
	Housefurnishings (except curtains, draperies, and bedspreads)	7	280
	Men's and boys' underwear—made in contract factories	1	
	Men's and boys' underwear—made in inside factories or by jobbers engaging contractors	2	
	Men's neckwear—made in contract factories	1	
	Raincoats and other waterproof garments (except oiled cotton)	1	
	Robes, lounging garments, and dressing gowns	1	
	Trimmings (not made in textile mills), stamped art goods, and art needle work—contract factories	2	
	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	4	34
	Women's and misses' blouses and waists—made in contract factories	1	
	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors	1	
	Women's and misses' clothing, not elsewhere classified—made in contract factories	2	
	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	4	130
	Women's and misses' dresses (except house dresses)—made in contract factories	2	
6	Cigar boxes: wooden, part wooden	1	
	Cork products	1	
	Matches	1	
	Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets	2	
	Venetian blinds	3	94
	Wood preserving	2	
	Wood products not elsewhere classified	3	53
7	Converted paper products not elsewhere classified	2	
	Fiber cans, tubes, and similar products	1	
	Pulp mills	1	
8	Books: publishing and printing	2	
	Gravure, rotogravure, and rotary photogravure (including preparation of plates)	1	
	Periodicals: publishing and printing	5	66
9	Candles	2	
	Colors and pigments	4	628
	Fireworks	2	
	Fish and other marine oils, cake, and meal	2	
	STATE OF MARYLAND—Continued		
9	Glue and gelatin	2	
	Mucilage, paste, and other adhesives, except glue and rubber cement	2	
	Perfumes, cosmetics, and other toilet preparations	3	11
	Rayon and allied products	1	
	Soap and glycerin	2	
	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	1	
	Vegetable and animal oils, not elsewhere classified	1	
10	Oven coke and coke-oven byproducts	1	
	Petroleum refining	3	
	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	3	86
11	Reclaimed rubber	1	
	Rubber boots and shoes (including rubber-soled footwear with fabric uppers)	2	
	Tires and inner tubes	2	
12	Boot and shoe cut stock and findings	1	
	Industrial leather belting and packing leather	2	
	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	2	
	Saddlery, harness, and whips	1	
	Suitcases, brief cases, bags, trunks, and other luggage	3	72
	Women's pocketbooks, handbags, and purses	2	
13	Asbestos products (except steam packing and pipe and boiler covering)	1	
	Cement	2	
	China firing and decorating (for the trade)	1	
	Clay products (except pottery) not elsewhere classified	1	
	Clay refractories, including refractory cement (clay)	3	384
	Nonclay refractories	1	
	Porcelain electrical supplies	1	
	Pottery products not elsewhere classified	1	
	Steam and other packing; pipe and boiler covering	1	
	Tableware, pressed or blown glass, and glassware not elsewhere classified	1	
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	1	
14	Blast-furnace products	1	
	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	1	
	Cast-iron pipe and fittings	2	
	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	1	
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	4	638
	Forgings, iron and steel—made in plants not operated in connection with rolling mills	3	142
	Hardware not elsewhere classified	2	
	Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills	2	
	Saws	1	
	Screw-machine products and wood screws	1	
	Stamped and pressed metal products (except automobile stampings)	10	2,586
	Steam fittings, regardless of material	1	
	Steel barrels, kegs, and drums	2	
	Steel works and rolling mills	4	16,587
	Tools (except edge tools, machine tools, files, and saws)	1	
	Wire drawn from purchased rods	1	
15	Nonferrous-metal foundries (except aluminum)	7	
	Primary smelting and refining of nonferrous metals	1	
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	1	
16	Batteries, storage and primary (dry and wet)	1	
	Insulated wire and cable	1	
	Radios, radio tubes, and phonographs	2	
	Wiring devices and supplies	1	
17	Cars and trucks, industrial	1	
	Commercial laundry, dry-cleaning, and pressing machinery	1	
	Construction and similar machinery (except mining and oil-field machinery and tools)	1	
	Industrial machinery, not elsewhere classified	7	420
	Machine tools	1	
	Measuring and dispensing pumps	2	
	Mechanical power-transmission equipment	1	
	Metalworking machinery and equipment, not elsewhere classified	2	
	Office and store machines not elsewhere classified	1	
	Paper-mill, pulp-mill, and paper-products machinery	1	
	Stokers, mechanical, domestic and industrial	1	
	Textile machinery	1	
18	Automobile trailers (for attachment to passenger cars)	1	
	Motor vehicles, motor-vehicle bodies, parts and accessories	13	

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, THE BALTIMORE INDUSTRIAL AREA, AND BALTIMORE CITY: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	STATE OF MARYLAND—Continued		
19	Aircraft and parts, including aircraft engines	3	7,772
	Boat building and boat repairing	2	
	Cars and car equipment—railroad, street, and rapid-transit	3	113
	Locomotives (including frames) and parts: railroad, mining, and industrial	1	
	Shipbuilding and ship repairing	27	5,435
20	Beauty-shop and barber-shop equipment	1	
	Buttons	2	
	Fabricated plastic products, not elsewhere classified	2	
	Feathers, plumes, and artificial flowers	1	
	Hand stamps, stencils, and brands	4	47
	Jewelry cases and instrument cases	1	
	Musical instruments, parts, and materials not elsewhere classified	1	
	Ophthalmic goods: lenses and fittings	2	
	Organs	1	
	Piano and organ parts and materials	1	
	Pianos	1	
	Professional and scientific instruments (except surgical and dental)	4	238
	Sporting and athletic goods not elsewhere classified	3	36
	Surgical and medical instruments	1	
	Umbrellas, parasols, and canes	4	321
	BALTIMORE INDUSTRIAL AREA		
1	Baking powder, yeast, and other leavening compounds	2	
	Biscuit, crackers, and pretzels	5	
	Blended and prepared flour made from purchased flour	1	
	Cane-sugar refining	1	
	Cereal preparations	1	
	Cheese	3	
	Creamery butter	1	
	Cured fish	1	
	Flavoring extracts and flavoring sirups, not elsewhere classified	8	155
	Flour and other grain-mill products	2	
	Food preparations, not elsewhere classified	13	
	Malt liquors	7	
	Liquors, rectified or blended	9	299
	Macaroni, spaghetti, vermicelli, and noodles	4	
	Oleomargarine—not made in meat-packing establishments	1	
	Poultry dressing and packing, wholesale	12	
	Preserves, jams, jellies, and fruit butters	1	
	Quick-frozen foods	1	
	Sausage casings—not made in meat-packing establishments	1	
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	20	154
	Special dairy products	2	
	Vinegar and cider	2	
3	Batting, padding, and wadding; upholstery filling	2	
	Cordage and twine	2	
	Cotton broad woven goods	2	
	Cotton narrow fabrics	1	
	Cotton thread	1	
	Cotton yarn	1	
	Dyeing and finishing cotton, rayon, silk, and linen textiles	3	
	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	3	997
	Hosiery—seamless	1	
	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	2	
4	Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors	1	
	Corsets and allied garments	1	
	Curtains, draperies, and bedspreads—contract factories	1	
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	1	
	Embroideries, other than Schiffli-machine products—made in regular factories or by jobbers engaging contractors	1	
	Embroideries: Schiffli-machine products	3	176
	House dresses, uniforms, and aprons—made in contract factories	1	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	13	
	Housefurnishings (except curtains, draperies, and bedspreads)	7	280
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in contract factories	1	
	Men's and boys' underwear—made in inside factories or by jobbers engaging contractors	1	
	Men's neckwear—made in contract factories	1	
	Raincoats and other waterproof garments (except oiled cotton)	1	
	Robes, lounging garments, and dressing gowns	1	
	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories	2	
	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	4	34
	BALTIMORE INDUSTRIAL AREA—Continued		
4	Women's and misses' blouses and waists—made in contract factories	1	
	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors	1	
	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	4	130
	Women's and misses' dresses (except house dresses)—made in contract factories	1	
	Work shirts	3	42
5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planning mills	3	42
6	Baskets for fruits and vegetables	1	
	Cigar boxes: wooden, part wooden	1	
	Cork products	1	
	Household furniture, except upholstered	15	262
	Matches	1	
	Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets	1	
	Venetian blinds	3	94
	Window and door screens and weather strip	3	
	Wood preserving	1	
	Wood products not elsewhere classified	1	
7	Converted paper products not elsewhere classified	2	
	Fiber cans, tubes, and similar products	1	
8	Books: publishing and printing	1	
	Gravure, rotogravure, and rotary photogravure (including preparation of plates)	1	
	Newspapers: publishing and printing	10	984
	Newspapers: publishing without printing	2	
	Periodicals: publishing and printing	4	
9	Candles	2	
	Cleaning and polishing preparations, blackings, and dressings	16	
	Colors and pigments	3	
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	5	
	Fish and other marine oils, cake, and meal	2	
	Glue and gelatin	2	
	Grease and tallow (except lubricating greases)	2	
	Mucilage, paste, and other adhesives, except glue and rubber cement	2	
	Perfumes, cosmetics, and other toilet preparations	2	
	Soap and glycerin	2	
	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	1	
	Vegetable and animal oils, not elsewhere classified	1	
10	Oven coke and coke-oven byproducts	1	
	Petroleum refining	2	
	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	3	86
11	Rubber products not elsewhere classified	11	
	Tires and inner tubes	1	
12	Industrial leather belting and packing leather	2	
	Suitcases, brief cases, bags, trunks, and other luggage	3	72
	Women's pocketbooks, handbags, and purses	2	
13	Asbestos products (except steam packing and pipe and boiler covering)	1	
	China firing and decorating (for the trade)	1	
	Lime	1	
	Minerals and earths, ground or otherwise treated	2	
	Nonclay refractories	1	
	Porcelain electrical supplies	1	
	Pottery products not elsewhere classified	1	
	Steam and other packing; pipe and boiler covering	1	
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	1	
14	Blast-furnace products	1	
	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	1	
	Cast-iron pipe and fittings	2	
	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	1	
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semi-vitreous china sanitary ware)	4	638
	Forgings, iron and steel—made in plants not operated in connection with rolling mills	2	
	Gray-iron and semisteel castings	6	349
	Hardware not elsewhere classified	1	
	Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills	2	
	Power boilers and associated products	4	
	Saws	1	
	Stamped and pressed metal products (except automobile stampings)	9	
	Steam fittings, regardless of material	1	

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, THE BALTIMORE INDUSTRIAL AREA, AND BALTIMORE CITY: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	BALTIMORE INDUSTRIAL AREA—Continued		
14	Steel barrels, kegs, and drums	2	
	Steel works and rolling mills	3	
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	4	
	Tin cans and other tinware not elsewhere classified	16	3,710
	Tools (except edge tools, machine tools, files, and saws)	1	
	Wire drawn from purchased rods	1	
	Wirework not elsewhere classified	15	
15	Lighting fixtures	3	
	Nonferrous-metal foundries (except aluminum)	7	
	Primary smelting and refining of nonferrous metals	1	
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	1	
16	Batteries, storage and primary (dry and wet)	1	
	Insulated wire and cable	1	
	Radios, radio tubes, and phonographs	2	
17	Cars and trucks, industrial	1	
	Commercial laundry, dry-cleaning, and pressing machinery	1	
	Construction and similar machinery (except mining and oil-field machinery and tools)	1	
	Industrial machinery, not elsewhere classified	6	
	Machine-shop products, not elsewhere classified	14	1,185
	Measuring and dispensing pumps	1	
	Mechanical power-transmission equipment	1	
	Metalworking machinery and equipment, not elsewhere classified	2	
	Paper-mill, pulp-mill, and paper-products machinery	1	
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	3	
	Stokers, mechanical, domestic and industrial	1	
	Textile machinery	1	
18	Automobile trailers (for attachment to passenger cars)	1	
	Motor vehicles, motor-vehicle bodies, parts and accessories	12	
19	Aircraft and parts, including aircraft engines	1	
	Cars and car equipment—railroad, street, and rapid-transit	3	
	Locomotives (including frames) and parts: railroad, mining, and industrial	1	
	Shipbuilding and ship repairing	17	5,282
20	Beauty-shop and barber-shop equipment	1	
	Brooms	6	270
	Brushes	6	
	Fabricated plastic products, not elsewhere classified	2	
	Feathers, plumes, and artificial flowers	1	
	Games and toys (except dolls and children's vehicles)	4	
	Hand stamps, stencils, and brands	4	47
	Jewelry cases and instrument cases	1	
	Musical instruments, parts, and materials not elsewhere classified	1	
	Ophthalmic goods: lenses and fittings	2	
	Pianos	1	
	Professional and scientific instruments (except surgical and dental)	3	
	Signs, advertising displays, and advertising novelties	19	
	Sporting and athletic goods not elsewhere classified	2	
	Surgical and medical instruments	1	
	Umbrellas, parasols, and canes	4	321
	BALTIMORE CITY		
1	Baking powder, yeast, and other leavening compounds	2	
	Biscuit, crackers, and pretzels	5	
	Cane-sugar refining	1	
	Cereal preparations	1	
	Cheese	3	
	Creamery butter	1	
	Cured fish	1	
	Flavoring extracts and flavoring sirups, not elsewhere classified	8	156
	Flour and other grain-mill products	1	
	Food preparations, not elsewhere classified	13	
	Malt liquors	7	
	Liquors, rectified or blended	7	
	Macaroni, spaghetti, vermicelli, and noodles	4	
	Nonalcoholic beverages	23	279
	Oleomargarine—not made in meat-packing establishments	1	
	Poultry dressing and packing, wholesale	12	
	Preserves, jams, jellies, and fruit butters	1	
	Quick-frozen foods	1	
	Sausage casings—not made in meat-packing establishments	1	
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	19	
	Special dairy products	2	
	Vinegar and cider	2	
3	Batting, padding, and wadding; upholstery filling	2	
	Cordage and twine	2	
	Cotton broad woven goods	2	
	Cotton narrow fabrics	1	
	BALTIMORE CITY—Continued		
3	Cotton thread	1	
	Dyeing and finishing cotton, rayon, silk, and linen textiles	2	
	Finishing of men's and boys' hats of fur-felt, wool-felt and straw	3	997
	Hosiery—seamless	1	
	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	1	
4	Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors	1	
	Coats, suits, and skirts (except fur coats)—made in contract factories	2	
	Corsets and allied garments	1	
	Curtains, draperies, and bedspreads—contract factories	1	
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	1	
	Embroideries, other than Schiffli-machine products—made in regular factories or by jobbers engaging contractors	1	
	Embroideries: Schiffli-machine products	1	
	House dresses, uniforms, and aprons—made in contract factories	1	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	13	
	Housefurnishings (except curtains, draperies, and bedspreads)	7	280
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in contract factories	1	
	Men's and boys' underwear—made in inside factories or by jobbers engaging contractors	1	
	Men's neckwear—made in contract factories	1	
	Raincoats and other waterproof garments (except oiled cotton)	1	
	Robes, lounging garments, and dressing gowns	1	
	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories	2	
	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	4	34
	Women's and misses' blouses and waists—made in contract factories	1	
	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors	1	
	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	4	130
	Women's and misses' dresses (except house dresses)—made in contract factories	1	
	Work shirts	3	42
6	Baskets for fruits and vegetables	1	
	Cigar boxes: wooden, part wooden	1	
	Cork products	1	
	Household furniture, except upholstered	15	262
	Matches	1	
	Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets	1	
	Venetian blinds	3	94
	Window and door screens and weather strip	3	
	Wooden boxes except cigar boxes	6	
	Wood preserving	1	
	Wood products not elsewhere classified	1	
7	Converted paper products not elsewhere classified	2	
	Fiber cans, tubes, and similar products	1	
	Paper and paperboard mills	1	
8	Books: publishing and printing	1	
	Gravure, rotogravure, and rotary photogravure (including preparation of plates)	1	
	Newspapers: publishing and printing	7	975
	Newspapers: publishing without printing	2	
	Periodicals: publishing and printing	4	
9	Candles	1	
	Cleaning and polishing preparations, blackings, and dressings	16	
	Colors and pigments	3	
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	5	
	Fish and other marine oils, cake, and meal	2	
	Glue and gelatin	2	
	Grease and tallow (except lubricating greases)	2	
	Mucilage, paste, and other adhesives, except glue and rubber cement	2	
	Perfumes, cosmetics, and other toilet preparations	2	
	Soap and glycerin	2	
	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	1	
	Vegetable and animal oils, not elsewhere classified	1	
10	Petroleum refining	2	
	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	3	86
11	Rubber products not elsewhere classified	11	
	Tires and inner tubes	1	

See footnote at end of table.

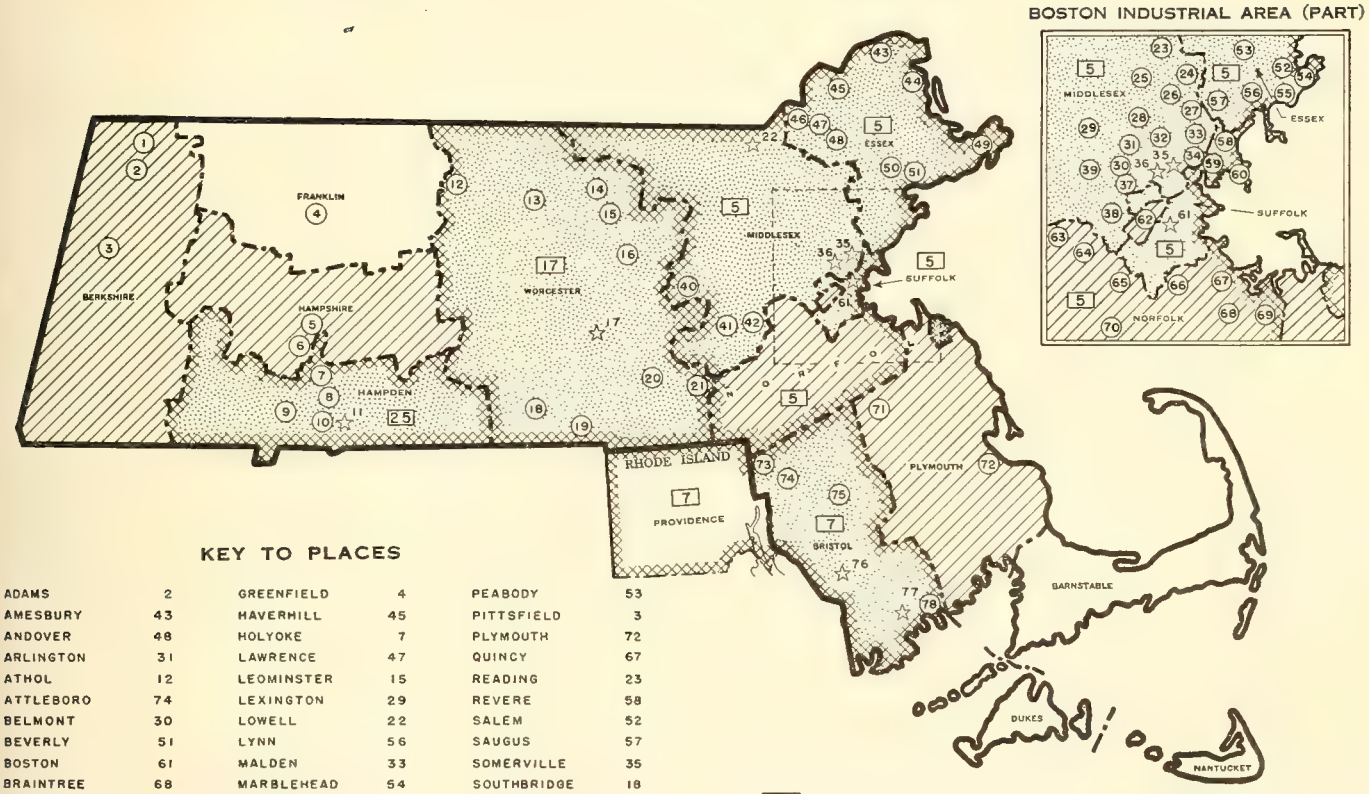
TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, THE BALTIMORE INDUSTRIAL AREA, AND BALTIMORE CITY: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	BALTIMORE CITY—Continued		
12	Industrial leather belting and packing leather	2	
	Leather goods not elsewhere classified	3	
	Suitcases, brief cases, bags, trunks, and other luggage	3	72
	Women's pocketbooks, handbags, and purses	2	
13	China firing and decorating (for the trade)	1	
	Minerals and earths, ground or otherwise treated	2	
	Nonclay refractories	1	
	Porcelain electrical supplies	1	
	Steam and other packing; pipe and boiler covering	1	
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	1	
14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	1	
	Cast-iron pipe and fittings	2	
	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	1	
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semi-vitreous china sanitary ware)	4	638
	Forgings, iron and steel—made in plants not operated in connection with rolling mills	2	
	Gray-iron and semisteel castings	6	349
	Hardware not elsewhere classified	1	
	Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills	2	
	Power boilers and associated products	4	
	Saws	1	
	Stamped and pressed metal products (except automobile stampings)	9	
	Steam fittings, regardless of material	1	
	Steel barrels, kegs, and drums	2	
	Steel works and rolling mills	1	
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	4	
	Tin cans and other tinware not elsewhere classified	16	3,710
	Tools (except edge tools, machine tools, files, and saws)	1	
	Wire drawn from purchased rods	1	
	Wirework not elsewhere classified	15	
15	Lighting fixtures	3	
	Nonferrous-metal foundries (except aluminum)	7	
	Nonferrous-metal products not elsewhere classified	8	
	Primary smelting and refining of nonferrous metals	1	
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	1	
	BALTIMORE CITY—Continued		
16	Batteries, storage and primary (dry and wet)	1	
	Electrical products not elsewhere classified	5	
	Insulated wire and cable	1	
	Radios, radio tubes, and phonographs	2	
17	Cars and trucks, industrial	1	
	Commercial laundry, dry-cleaning, and pressing machinery	1	
	Construction and similar machinery (except mining and oil-field machinery and tools)	1	
	Food-products machinery	8	
	Industrial machinery, not elsewhere classified	6	
	Machine-shop products, not elsewhere classified	13	
	Measuring and dispensing pumps	1	
	Mechanical power-transmission equipment	1	
	Metalworking machinery and equipment, not elsewhere classified	1	
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	3	
	Stokers, mechanical, domestic and industrial	1	
	Textile machinery	1	
18	Automobile trailers (for attachment to passenger cars)	1	
	Motor vehicles, motor-vehicle bodies, parts and accessories	12	
19	Cars and car equipment—railroad, street, and rapid-transit	2	
	Locomotives (including frames) and parts: railroad, mining, and industrial	1	
20	Beauty-shop and barber-shop equipment	1	
	Brooms	6	270
	Brushes	5	
	Fabricated plastic products, not elsewhere classified	2	
	Feathers, plumes, and artificial flowers	1	
	Games and toys (except dolls and children's vehicles)	4	
	Hand stamps, stencils, and brands	4	47
	Jewelry cases and instrument cases	1	
	Miscellaneous fabricated products not elsewhere classified	5	
	Musical instruments, parts, and materials not elsewhere classified	1	
	Ophthalmic goods: lenses and fittings	2	
	Pianos	1	
	Professional and scientific instruments (except surgical and dental)	3	
	Signs, advertising displays, and advertising novelties	19	
	Sporting and athletic goods not elsewhere classified	2	
	Surgical and medical instruments	1	
	Umbrellas, parasols, and canes	4	321

[1] For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and of industry groups, sec. 27.

MASSACHUSETTS

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939



KEY TO PLACES

ADAMS	2	GREENFIELD	4	PEABODY	53
AMESBURY	43	HAVERHILL	45	PITTSFIELD	3
ANDOVER	48	HOLYOKE	7	PLYMOUTH	72
ARLINGTON	31	LAWRENCE	47	QUINCY	67
ATHOL	12	LEOMINSTER	15	READING	23
ATTLEBORO	74	LEXINGTON	29	REVERE	58
BELMONT	30	LOWELL	22	SALEM	52
BEVERLY	51	LYNN	56	SAUGUS	57
BOSTON	61	MALDEN	33	SOMERVILLE	35
BRAINTREE	68	MARBLEHEAD	54	SOUTHBRIDGE	18
BROCKTON	71	MARLBOROUGH	40	SPRINGFIELD	11
BROOKLINE	62	MEDFORD	32	STONEHAM	26
CAMBRIDGE	36	MELROSE	27	SWAMPSCOTT	55
CHELSEA	59	METHUEN	46	TAUNTON	75
CHICOPEE	8	MILFORD	21	WAKEFIELD	24
CLINTON	16	MILTON	66	WALTHAM	39
DANVERS	50	NATICK	42	WATERTOWN	37
DEDHAM	65	NEEDHAM	64	WEBSTER	19
EASTHAMPTON	6	NEW BEDFORD	77	WELLESLEY	63
EVERETT	34	NEWBURYPORT	44	WESTFIELD	9
FAIRHAVEN	78	NEWTON	38	WEST SPRINGFIELD	10
FALL RIVER	76	NORTH ADAMS	1	WEYMOUTH	69
FITCHBURG	14	NORTHAMPTON	5	WINCHESTER	28
FRAMINGHAM	41	NORTH ATTLEBORO	73	WINTHROP	60
GARDNER	13	NORTHBRIDGE	20	WOBURN	25
GLOUCESTER	49	NORWOOD	70	WORCESTER	17

UNDER 5000 WAGE EARNERS

5,000 TO 24,999 WAGE EARNERS

25,000 OR MORE WAGE EARNERS

PLACES OF 10,000 TO 99,999 POPULATION

PLACES OF 100,000 OR MORE POPULATION

INDUSTRIAL AREAS:

- 5 BOSTON AREA
- 17 WORCESTER AREA
- 25 SPRINGFIELD-HOLYOKE AREA
- 7 PROVIDENCE-FALL RIVER-NEW BEDFORD AREA

Prepared by the Bureau of the Census, Department of Commerce

MASSACHUSETTS

Table 1.—SUMMARY FOR THE STATE: 1939, 1937, AND 1929

CENSUS YEAR	Number of establishments	Proprietors and firm members	Number of persons employed in manufacturing [1]	Salaries and wages [1]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2]	Value of products [2]	Value added by manufacture [3]
1939	9,007	4,957	522,522	$649,524,785	$1,271,451,635	$2,459,771,043	$1,188,319,408
1937	8,619	4,584	564,240	710,119,551	1,364,299,029	2,620,788,793	1,256,489,764
1929	9,771	5,852	626,185	887,458,358	1,640,463,364	3,310,001,317	1,669,537,953

[1] Figure for 1939 does not include data for employees of manufacturing establishments (except salaried officers of corporations) who were engaged in distribution, construction, and other nonmanufacturing work. For detail, see table 8. It is not known to what extent data for such nonmanufacturing employees were included in figures reported for earlier years. See General Explanations—Persons engaged—general classification.

[2] The aggregates for cost of materials, etc., and value of products include large amounts of duplication due to the use of the products of some industries as materials by others. See General Explanations—Duplication in cost of materials and value of products.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See General Explanations—Value added by manufacture.

Table 2.—SUMMARY FOR INDUSTRIAL AREAS, COUNTIES, AND PLACES: 1939

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
The State	4,316,721	[5] 9,007	460,674	$500,923,284	$1,271,451,635	$2,459,771,043	$1,188,319,408
INDUSTRIAL AREAS							
Boston area [6]	2,656,131	5,673	237,496	264,495,570	764,643,460	1,425,482,462	660,839,002
Providence-Fall River-New Bedford area, total [7]	914,935	2,036	153,013	146,084,673	348,806,053	663,917,458	315,111,405
Portion in Massachusetts	364,637	780	64,130	56,495,000	116,028,974	225,950,978	109,922,004
Portion in Rhode Island	550,298	1,256	88,883	89,589,673	232,777,079	437,966,480	205,189,401
Worcester area [8]	504,470	1,119	78,373	88,890,263	178,359,338	376,837,735	198,478,397
Springfield-Holyoke area [9]	332,107	650	36,446	44,297,532	101,600,175	211,697,017	110,096,842
COUNTIES IN MASSACHUSETTS [6]							
Barnstable	37,295	36	222	206,500	757,655	1,509,949	752,294
Berkshire	122,273	176	18,136	20,658,674	41,428,423	90,377,798	48,949,375
Bristol	364,637	780	64,130	56,495,000	116,028,974	225,950,978	109,922,004
Dukes [10]	5,669	7	24				
Essex	496,313	1,081	73,489	78,265,087	180,990,795	341,639,845	160,649,050
Franklin	49,453	83	4,328	4,756,337	8,664,702	20,600,447	11,935,745
Hampden (coextensive with Springfield-Holyoke area)	332,107	650	36,446	44,297,532	101,600,175	211,697,017	110,096,842
Hampshire	72,461	117	6,371	5,949,743	18,352,594	32,854,847	14,502,253
Middlesex	971,390	1,585	78,394	84,562,423	276,659,706	506,906,838	230,247,132
Nantucket [10]	3,401	2					
Norfolk	325,180	421	23,145	30,263,528	74,501,039	141,230,322	66,729,283
Plymouth	168,824	364	15,139	15,131,652	41,556,750	74,273,222	32,716,472
Suffolk	863,248	2,586	62,467	71,404,532	232,491,920	435,705,457	203,213,537
Worcester (coextensive with Worcester area)	504,470	1,119	78,373	88,890,263	178,359,338	376,837,735	198,478,397
Undistributed [11]		9	33	42,013	59,564	186,588	127,024
PLACES HAVING 10,000 OR MORE INHABITANTS							
Adams	12,008	21	3,183	2,708,591	4,644,131	9,610,124	4,965,993
Amesbury	10,862	25	2,530	2,483,054	4,940,653	9,958,948	5,018,295
Andover	11,122	14	3,449	3,741,212	9,040,759	16,032,627	6,991,868
Arlington	40,013	24	151	217,517	406,189	940,600	534,411
Athol	11,180	23	2,184	1,982,152	2,853,948	8,312,904	5,458,956
Attleboro	22,071	123	6,570	6,951,600	19,077,985	34,627,071	15,549,086
Belmont	26,867	8	25	26,162	54,267	153,054	98,787
Beverly	25,537	36	2,992	4,203,218	2,748,200	9,591,169	6,842,969
Boston	770,816	2,450	57,764	66,784,787	221,230,040	413,424,844	192,194,804
Braintree	16,378	10	155	178,113	340,158	855,948	515,790
Brockton	62,343	212	7,918	7,904,240	19,067,132	35,436,028	16,368,896
Brookline	49,786	25	458	466,409	913,421	2,247,635	1,334,214
Cambridge	110,879	362	16,662	19,097,775	56,214,541	127,319,568	71,105,027
Chelsea	41,259	104	4,372	4,324,117	10,480,209	20,712,977	10,232,768
Chicopee	41,664	59	6,941	8,988,205	25,080,472	45,033,124	19,952,652
Clinton	12,440	27	2,179	2,294,542	6,759,437	11,907,235	5,147,798
Danvers	14,179	18	606	510,546	848,950	1,841,858	992,908
Dedham	15,508	10	151	174,634	335,843	801,562	465,719
Easthampton	10,316	23	2,371	2,003,480	8,638,875	14,113,952	5,475,077
Everett	46,784	113	4,194	5,523,313	35,244,870	50,862,391	15,617,521
Fairhaven [12]	10,938	13	794				
Fall River	115,428	244	24,669	19,393,076	39,464,422	72,881,639	33,417,217
Fitchburg	41,824	102	6,884	7,608,387	21,507,054	36,847,350	15,340,296
Framingham	23,214	42	3,147	3,521,283	9,298,552	17,339,101	8,040,549
Gardner	20,206	67	4,826	5,402,658	8,745,840	21,800,560	13,054,720

See footnotes at end of table.

TABLE 2.—SUMMARY FOR INDUSTRIAL AREAS, COUNTIES, AND PLACES: 1939—Continued

	Population, 1940	Number of establishments	Wage earners (average for year)[1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
PLACES HAVING 10,000 OR MORE INHABITANTS—continued							
Gloucester	24,046	46	1,687	$1,832,991	$4,981,401	$8,277,787	$3,296,386
Greenfield	15,672	32	1,289	1,622,668	1,488,462	5,362,895	3,874,433
Haverhill	46,752	180	7,522	6,520,288	14,311,650	26,824,693	12,513,043
Holyoke	53,750	153	8,539	9,214,599	21,915,593	43,054,742	21,139,149
Lawrence	84,323	163	24,498	23,530,266	68,991,216	107,158,257	38,167,041
Leominster	22,226	63	4,354	3,963,908	8,554,182	16,811,021	8,256,839
Lexington [12]	13,187	3	27				
Lowell	101,389	204	13,828	12,035,687	35,556,252	61,949,591	26,393,339
Lynn	98,123	272	12,656	17,086,325	25,161,409	70,495,275	45,333,866
Malden	58,010	108	3,592	3,705,306	13,408,691	23,157,762	9,749,071
Marblehead	10,856	15	164	169,632	246,255	552,851	306,596
Marlborough	15,154	27	2,109	1,694,451	3,769,085	7,318,326	3,549,241
Medford	63,083	49	1,036	1,200,782	4,076,399	7,270,807	3,194,408
Melrose	25,333	22	428	386,273	1,463,965	2,505,564	1,041,599
Methuen	21,880	26	1,568	1,215,416	4,776,103	6,860,331	2,084,228
Milford	15,388	26	1,645	1,364,006	3,744,893	6,197,142	2,452,249
Milton	18,708	6	43	44,300	186,900	374,273	187,373
Natick	13,851	25	1,218	1,265,198	3,638,887	8,470,040	4,831,153
Needham	12,445	16	186	199,726	849,753	1,534,446	684,693
New Bedford	110,341	197	22,115	19,081,947	36,253,580	72,807,267	36,553,687
Newburyport	13,916	27	2,021	1,931,352	3,379,957	7,670,104	4,290,147
Newton	69,873	50	3,057	2,930,779	6,838,960	14,132,394	7,293,434
North Adams	22,213	38	5,123	5,141,177	10,988,333	20,715,843	9,727,510
Northampton	24,794	38	1,227	1,289,182	2,788,381	6,036,923	3,248,542
North Attleboro	10,359	48	1,840	1,850,151	2,365,893	6,497,752	4,131,859
Northbridge	10,242	5	762	769,442	1,688,636	3,194,159	1,505,523
Norwood	15,383	26	2,787	3,937,473	9,271,852	20,363,401	11,091,549
Peabody	21,711	89	5,792	7,224,076	22,987,331	38,023,891	15,036,560
Pittsfield	49,684	69	6,961	9,721,729	20,408,966	46,823,605	26,414,639
Plymouth	13,100	23	1,436	1,579,637	5,593,275	9,141,150	3,547,875
Quincy	75,810	126	7,772	12,743,040	19,178,613	40,051,987	20,873,374
Reading	10,866	12	331	360,649	1,053,680	2,030,548	976,868
Revere	34,405	21	291	251,700	692,952	1,382,875	689,923
Salem	41,213	100	5,076	4,929,550	11,847,002	25,366,282	13,519,280
Saugus	14,825	17	131	130,504	445,615	967,425	521,810
Somerville	102,177	132	5,220	7,163,363	50,557,584	70,512,408	19,954,824
Southbridge	16,825	34	4,971	5,729,653	8,299,313	20,376,368	12,077,055
Springfield	149,554	310	13,846	17,647,797	34,586,173	81,795,639	47,209,466
Stoneham	10,765	18	519	444,608	1,075,186	2,170,094	1,094,908
Swampscott	10,761	9	57	77,074	247,682	526,472	278,790
Taunton	37,395	82	4,234	4,151,961	9,542,236	19,162,337	9,620,101
Wakefield	16,223	35	1,099	963,113	1,875,508	3,943,095	2,067,587
Waltham	40,020	91	4,433	4,881,898	8,611,749	19,994,866	11,383,117
Watertown	35,427	64	5,147	6,419,181	10,767,326	25,762,409	14,995,083
Webster	13,186	18	3,081	2,760,570	5,020,083	9,614,844	4,594,761
Wellesley	15,127	11	136	226,371	595,538	1,629,213	1,033,675
Westfield	18,793	43	1,867	2,126,501	4,624,071	9,901,365	5,277,294
West Springfield	17,135	29	1,892	2,729,835	7,203,556	14,254,237	7,050,681
Weymouth	23,868	10	58	54,239	229,394	469,602	240,208
Winchester	15,081	13	979	1,157,807	4,183,856	6,539,685	2,355,829
Winthrop	16,768	11	40	43,928	88,719	184,761	96,042
Woburn	19,751	35	913	1,108,154	4,161,986	7,512,200	3,350,214
Worcester	193,694	523	26,588	34,689,280	68,651,776	155,420,438	86,768,662

[1] Not including salaried officers and employees nor nonmanufacturing wage earners. The figure for each county or place is an average of the numbers reported for the several months of the year. In calculating it, equal weight must be given to full-time and to part-time wage earners (not reported separately by the manufacturers), and for this reason it exceeds the number that would have been required to perform the work done in the industries if all wage earners had been continuously employed throughout the year. The quotient obtained by dividing the amount of wages by the average number of wage earners cannot, therefore, be accepted as representing the average wage received by full-time wage earners. Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several counties do not add exactly to the average for the State. In making comparisons between the figures for 1939 and those for earlier years, the possibility that the proportion of part-time employment varied from year to year should be taken into account.

[2] Profits and losses cannot be calculated from the census figures because no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, and advertising.

[3] See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

[5] For numbers of establishments by "Industry groups," see table 11.

[6] The Boston Industrial Area comprises Essex, Middlesex, Norfolk, and Suffolk Counties. For statistics by industries, see table 9.

[7] The Providence-Fall River-New Bedford Industrial Area comprises Bristol County, Mass., and Providence County, R. I. For statistics by industries, see table 9.

[8] The Worcester Industrial Area is coextensive with Worcester County. For statistics by industries, see table 9.

[9] The Springfield-Holyoke Industrial Area is coextensive with Hampden County. For statistics by industries, see table 9.

[10] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Undistributed" figures.

[11] The "Undistributed" figure for number of establishments and a part of the "Undistributed" figure for number of wage earners are included above in the items for the respective counties. The sums of the figures in these 2 columns are, therefore, larger than the corresponding State totals.

[12] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments.

TABLE 3.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, BY SEX: 1939 AND 1929

The 1939 questionnaire, for the first time, called for data on the *total* number of employees in manufacturing establishments, including those engaged wholly or chiefly in distribution, construction, and other nonmanufacturing activities. It is not known to what extent data for such employees were included in the figures reported for earlier years. This table presents detailed figures for employees receiving pay at any time within the *normal* pay-roll period ended nearest Oct. 14, 1939, and for such employees on the pay roll on Dec. 14, 1929, or on the nearest *representative* date. The total for "Wage earners engaged in manufacturing" is not identical with the average for the year (given in other tables), and differs from the number reported for October 1939 or for December 1929, because for both years some manufacturers gave wage-earner figures for months other than those specified. See GENERAL EXPLANATIONS—Persons engaged—general classification]

CLASS AND SEX	1939 (Oct. 14)[1]	1929 (Dec. 14)[1]
All classes, aggregate [2]	587,224	626,082
Male	396,390	427,857
Female	190,834	198,225
Salaried officers and employees, total	91,636	78,676
Male	63,337	51,208
Female	28,299	27,468
Salaried officers of corporations, total	8,040	8,632
Male	7,429	8,163
Female	611	469
All other employees (except wage earners in manufacturing), total	83,596	70,044
Male	55,908	43,045
Female	27,688	26,999
Salaried officers and employees—Continued.		
All other employees, etc.—Continued.		
Engaged in manufacturing:		
Male	34,436	
Female	19,372	
Engaged in distribution:		
Male	17,645	
Female	7,975	(3)
Engaged in construction:		
Male	2,586	
Engaged in other work:		
Male	1,241	
Female	341	
Wage earners engaged in manufacturing, total	495,588	547,406
Male	333,053	376,649
Female	162,535	170,757

[1] See headnote.
[2] Figures do not include data for 4,957 proprietors and firm members for 1939, which were not reported by sex, and 5,852 for 1929.
[3] No data.

TABLE 4.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS: 1939, 1937, AND 1929

[The figures for 1939 relate to wage earners engaged in manufacturing only. It is not known to what extent the figures for earlier years include data for nonmanufacturing wage earners. See headnote to table 3]

CENSUS YEAR	Average number employed during year [1]	NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH—											
		January	February	March	April	May	June	July	August	September	October	November	December
1939	460,674	439,217	451,609	455,906	446,569	439,930	440,603	448,538	460,220	470,414	492,624	496,161	486,294
1937	496,036	499,254	510,811	522,122	525,956	519,341	504,380	504,658	504,346	497,441	485,065	449,154	429,907
1929	547,509	533,223	548,247	554,674	549,879	549,652	545,452	545,328	553,688	563,351	563,385	542,274	520,959

[1] See GENERAL EXPLANATIONS—Wage earners and wages.

TABLE 5.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY NUMBER OF WAGE EARNERS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS	VALUE ADDED BY MANUFACTURE [2]
	1939	1929	1939	1929	1939	1939
All establishments	9,007	9,771	460,674	547,509	$2,459,771,043	$1,188,319,408
No wage earners	435	350			32,075,575	12,113,076
1 to 5	3,421	3,574	9,222	9,920	72,390,908	35,561,948
6 to 20	2,379	2,666	26,319	29,822	170,061,680	82,869,591
21 to 50	1,173	1,382	38,451	45,638	221,548,001	106,815,906
51 to 100	635	752	45,191	54,499	261,365,166	127,071,753
101 to 250	571	592	88,516	92,275	431,368,305	212,247,993
251 to 500	229	245	81,096	85,686	437,885,012	197,509,787
501 to 1,000	120	134	83,008	90,485	422,292,934	197,003,010
1,001 to 2,500	35	67	56,006	102,047	258,976,876	135,861,909
2,501 or more	9	9	32,865	37,137	151,806,586	81,264,435

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 6.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY VALUE OF PRODUCTS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
All establishments	9,007	9,771	460,674	547,509	$2,459,771,043	$3,310,001,317	$1,188,319,408	$1,669,537,953
$5,000 to $19,999	3,012	2,746	8,413	6,996	33,699,968	32,021,695	19,838,639	20,280,173
$20,000 to $49,999	1,882	2,120	14,552	14,368	60,284,246	68,172,546	34,818,556	41,484,334
$50,000 to $99,999	1,215	1,363	20,235	19,261	86,645,386	98,218,625	47,442,611	57,445,361
$100,000 to $249,999	1,198	1,499	40,206	45,393	191,300,674	239,243,795	96,654,235	131,773,463
$250,000 to $499,999	694	806	49,702	52,427	249,197,568	288,713,706	121,933,364	149,467,915
$500,000 to $999,999	498	570	68,940	68,909	351,485,453	402,311,190	167,622,019	201,149,676
$1,000,000 to $2,499,999	351	433	109,368	116,021	537,722,390	658,447,201	261,774,015	318,306,646
$2,500,000 to $4,999,999	94	136	59,437	83,603	318,901,067	460,389,515	150,873,478	241,246,251
$5,000,000 and over	63	98	89,821	140,531	630,534,291	1,062,483,044	287,362,491	508,384,134

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 7.—ESTABLISHMENTS CLASSIFIED AS UNDER CORPORATE OR OTHER FORM OF OWNERSHIP (OR CONTROL) AND AS UNDER CENTRAL-ADMINISTRATIVE-OFFICE OR INDEPENDENT OPERATION: 1939 AND 1929

TYPE OF OWNERSHIP OR CONTROL, AND OF OPERATION	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
Total	9,007	9,771	460,674	547,509	$2,459,771,043	$3,310,001,317	$1,188,319,408	$1,669,537,953
TYPE OF OPERATION								
1939 [3]								
Corporate ownership or control:								
Central-administrative-office (plural-unit)	1,300	(3)	218,257	(3)	1,298,849,129	(3)	605,785,547	(3)
Independent (single-unit)	3,903	(3)	204,770	(3)	974,174,093	(3)	494,286,582	(3)
Noncorporate ownership:								
Central-administrative-office (plural-unit)	138	(3)	6,014	(3)	35,887,459	(3)	12,365,461	(3)
Independent (single-unit)	3,666	(3)	31,633	(3)	150,860,362	(3)	75,881,818	(3)
1939 AND 1929 [3]								
Central-administrative-office (plural-unit), corporate and noncorporate	1,438	1,056	224,271	234,482	1,334,736,588	1,520,795,624	618,151,008	734,810,843
Independent (single-unit), corporate and noncorporate	7,569	8,715	236,403	313,027	1,125,034,455	1,789,205,693	570,168,400	934,727,110
TYPE OF OWNERSHIP OR CONTROL								
Corporate	5,203	5,231	423,027	500,771	2,273,023,222	3,040,386,979	1,100,072,129	1,528,206,280
Noncorporate, total	3,804	4,540	37,647	46,738	186,747,821	269,614,338	88,247,279	141,331,673
Individual	2,792	(4)	20,362	(4)	89,645,366	(4)	44,005,798	(4)
Partnership	954	(4)	14,320	(4)	69,638,723	(4)	31,760,782	(4)
Cooperative	14	(4)	252	(4)	1,023,763	(4)	489,964	(4)
Other	44	(4)	2,713	(4)	26,439,969	(4)	11,990,735	(4)

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Because of changes in the questionnaire, no comparable figures for 1929 can be given for the first section of this table. For this reason, the items have been regrouped under "1939 and 1929" to present comparable figures so far as this can be done.
[4] No data.

TABLE 8.—GENERAL STATISTICS FOR

[This table presents separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments, are given, however, reported larger numbers of wage earners or

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1]					
					Total [2]	Salaried officers of corporations [2]	Manufacturing		Distribution	Construction	Other
							Salaried employees [2]	Wage earners (average for year) [3]			
1		All industries, total	9,007	4,957	552,310	8,040	53,808	460,674	25,620	2,586	1,582
2	13	Abrasive wheels, stones, paper, cloth, and related products	18	2	2,893	43	506	2,019	234	58	33
3	17	Agricultural machinery (except tractors)	5	4	140	5	9	122	4	..	...
4	15	Alloying, and rolling and drawing of nonferrous metals, except aluminum	9	1	898	16	130	681	71	....	..
5	15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	4	4	44	6	6	32	.....	...	.....
6	3	Artificial leather and oilcloth	10	.....	913	23	150	680	53	7	
7	13	Asbestos products (except steam packing and pipe and boiler covering)	6	2	185	1	16	162	1	5	..
8	14	Automobile stampings	4	...	1,248	11	132	1,059	46	.....	...
9	16	Batteries, storage and primary (dry and wet)	5	7	97	4	9	75	9	.....	..
10	3	Batting, padding, and wadding, upholstery filling	12	13	127	12	12	101	2	.....	... ...
11	4	Belts (apparel), regardless of material	3	2	34	1	1	32	.....	.....	.....
12	1	Biscuit, crackers, and pretzels	14	5	2,022	9	87	1,640	279	.....	7
13	17	Blowers, exhaust and ventilating fans	6	1	1,396	12	81	1,034	269	.....	... ...
14	19	Boat building and boat repairing	19	14	164	6	10	142	6	.....	.. .
15	14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	14	2	1,342	23	112	1,113	92	2	.
16	8	Bookbinding and related industries	81	56	3,317	59	349	2,761	147	.....	1
17	8	Books: printing without publishing	52	26	1,182	63	153	862	104	.. ...	..
18	8	Books: publishing and printing	11	6	1,592	13	158	1,356	65	.... .	
19	8	Books: publishing without printing	39	12	1,013	51	631	1	330	..	.
20	12	Boot and shoe cut stock and findings	294	181	8,526	277	654	7,345	243	7	
21	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	1,101	1,035	13,814	178	823	11,540	1,085	23	165
22	13	Brick and hollow structural tile	8	...	286	9	18	259	...	.....	. ..
23	20	Brooms	7	10	74	2	2	67	3	. ..	.. .
24	20	Brushes	25	14	2,293	32	282	1,746	203	30	.....
25	20	Buttons	13	8	607	8	36	547	16	.. .	.
26	1	Candy and other confectionery products	107	63	6,837	73	503	5,796	392	8	65
27	1	Canned and dried fruits and vegetables (including canned soups)	7	1	267	2	29	209	8	16	3
28	1	Canned fish, crustacea, and mollusks	3	3	32	2	3	27	....	.....	..
29	4	Canvas products (except bags)	28	11	262	28	21	172	41	.....	..
30	3	Carpets and rugs, wool	5	..	1,375	10	155	1,175	35	.....	. .
31	3	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	9	7	199	4	9	179	7	....	.....
32	6	Caskets, coffins, burial cases, and other morticians' goods	21	10	515	22	74	364	55	.... ..	.....
33	1	Cheese	7	3	88	3	5	42	38	..	..
34	9	Chemicals not elsewhere classified	12	3	843	5	63	526	15	221	13
35	4	Children's dresses—made in inside factories or by jobbers engaging contractors	4	4	385	1	7	375	2	.. .	.
36	20	Children's vehicles	10	... ..	1,429	26	117	1,218	68	.	.
37	1	Chocolate and cocoa products	5	1	1,035	.	128	663	91	153	.. ....
38	2	Cigars	21	14	319	10	23	264	22	.. ...	. . ..
39	9	Cleaning and polishing preparations, blackings, and dressings	75	32	877	76	131	466	201	3	.. . .
40	15	Clocks, watches, and materials and parts (except watchcases)	8	4	3,405	20	241	2,758	309	.....	77
41	4	Clothing, leather and sheep-lined	21	12	1,115	29	69	999	18	.....	....
42	3	Cloth sponging and miscellaneous special finishing	8	3	161	5	19	128	9	..	... ..
43	7	Coated and glazed paper	23	2	1,486	42	224	1,107	93	15	5
44	4	Coats, suits, and skirts (except fur coats)—made in contract factories	49	60	942	9	20	910	3	.....	.....
45	4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	61	54	1,201	38	68	1,047	46	.....	2
46	14	Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills	4	..	196	5	32	146	13	..	... .
47	17	Commercial laundry, dry cleaning, and pressing machinery	4	.....	71	7	13	47	4	.. ....	... . .
48	16	Communication equipment	14	1	3,195	30	471	2,580	89	22	3
49	9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	9	.	184	.....	20	124	40	... .	..... .
50	13	Concrete products	65	31	1,030	37	74	799	94	22	4
51	1	Condensed and evaporated milk	6	4	56	2	9	37	6	.....	2
52	7	Converted paper products not elsewhere classified	54	13	5,094	99	500	3,568	882	27	18
53	6	Cooperage	16	7	543	6	32	489	15	1	.. .. ..
54	3	Cordage and twine	16	3	1,807	23	102	1,516	110	13	43
55	4	Corsets and allied garments	12	3	753	16	55	622	59	. .....	1
56	20	Costume jewelry and costume novelties (jewelry other than fine jewelry)	30	19	2,564	41	283	2,167	35	38	..... .
57	3	Cotton broad woven goods	56	2	28,783	63	945	27,646	71	5	53
58	3	Cotton narrow fabrics	34	11	2,988	43	189	2,613	118	6	19
59	3	Cotton thread	15	1	3,131	24	178	2,841	88	.....	.. ..
60	3	Cotton yarn	16	.... . .	5,041	36	174	4,823	8	.....	.....
61	1	Creamery butter	3	....	15	.. ..	1	13	1	.....	.....
62	1	Cured fish	15	2	1,047	14	109	872	43	8	1
63	4	Curtains, draperies, and bedspreads—contract factories	7	3	196	4	9	180	[illegible]	... ..	.....
64	4	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	52	27	2,318	55	143	2,005	114	1	.....
65	14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	43	32	2,897	47	221	2,349	190	.....	90
66	20	Dental equipment and supplies	5	2	195	5	6	171	13	.....	.....

See footnotes at end of table.

STATE, BY INDUSTRIES: 1939

and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures larger values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
706,360,010	47,549,070	101,052,431	500,923,284	50,550,266	4,095,866	2,189,093	1,271,451,635	1,197,485,016	27,825,411	22,163,446	23,977,762	2,459,771,043	1,188,319,408	1
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	2
197,171	35,964	19,740	134,120	7,347	----------	----------	368,877	358,998	2,477	5,460	1,942	685,058	316,181	3
1,375,343	90,935	210,839	941,218	132,351	----------	----------	3,418,026	3,234,784	88,750	78,061	16,431	6,236,745	2,818,719	4
(5)	(5)	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	5
1,323,331	203,683	270,537	702,478	133,310	13,323	----------	3,903,816	3,584,910	94,203	49,722	174,981	6,360,429	2,456,613	6
182,453	2,665	28,731	143,632	3,151	4,274	----------	416,725	388,770	11,932	16,023	----------	869,770	453,045	7
1,898,478	133,528	279,547	1,348,418	136,985	----------	----------	2,640,262	2,564,985	22,347	48,741	4,189	6,979,755	4,339,493	8
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	9
165,495	49,603	18,723	93,238	3,931	----------	----------	662,117	631,725	8,566	21,789	37	986,804	324,687	10
31,254	2,695	628	27,931	----------	----------	----------	36,401	35,955	----------	446	----------	84,591	48,190	11
2,251,523	35,265	162,996	1,563,593	480,322	125	9,222	4,911,092	4,748,334	118,340	44,418	----------	12,737,718	7,826,626	12
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	13
186,487	15,805	8,931	153,549	8,202	----------	----------	223,672	214,326	1,672	5,073	2,601	478,152	254,480	14
1,709,060	146,740	202,087	1,162,396	194,493	3,344	----------	1,425,402	1,315,014	46,449	63,371	568	3,997,049	2,571,647	15
4,414,729	306,219	613,023	3,192,875	301,429	----------	1,183	2,837,219	2,649,680	42,459	66,559	78,521	9,911,387	7,074,168	16
2,081,749	279,865	291,505	1,283,622	226,757	----------	----------	1,440,463	1,169,029	13,520	43,906	214,008	4,310,949	2,870,486	17
2,167,672	64,227	295,776	1,712,848	94,821	----------	----------	1,619,927	1,357,771	29,647	30,906	201,6 3	5,961,923	4,341,996	18
2,272,597	332,690	1,020,117	1,140	918,650	----------	----------	2,427,724	307,842	1,164	5,403	2,113,315	7,811,215	5,383,491	19
9,461,961	1,345,923	996,298	6,577,448	530,166	12,126	----------	35,859,402	35,457,485	124,043	243,757	34,117	52,753,340	16,893,938	20
19,011,241	706,038	1,389,790	15,550,261	1,116,792	40,013	208,347	31,845,003	30,307,914	957,900	579,189	----------	66,622,476	34,777,473	21
345,904	17,902	33,095	294,907	----------	----------	----------	189,344	45,351	124,286	19,707	----------	742,388	553,044	22
64,572	2,080	1,974	57,796	2,722	----------	----------	102,347	100,042	838	1,467	----------	191,746	89,399	23
2,843,617	175,557	540,090	1,815,835	284,035	28,100	----------	5,437,858	5,325,682	60,135	48,235	3,806	9,942,865	4,505,007	24
643,235	34,285	72,877	503,036	33,037	----------	----------	1,152,108	1,109,334	6,599	32,614	3,561	1,982,847	830,739	25
7,172,619	479,045	993,764	4,884,904	694,394	15,235	105,277	15,710,373	15,318,762	201,064	172,327	18,220	27,835,532	12,125,159	26
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	27
23,118	2,000	3,237	17,881	----------	----------	----------	87,792	85,323	1,442	1,027	----------	152,702	64,910	28
353,335	74,718	29,632	198,021	50,964	----------	----------	400,582	392,184	4,470	3,878	50	915,416	514,834	29
1,679,474	91,722	250,610	1,232,225	104,917	----------	----------	2,676,466	2,526,876	95,478	46,045	8,067	5,162,510	2,486,044	30
170,754	18,649	14,993	127,572	9,540	----------	----------	228,960	208,226	7,332	6,902	6,500	524,909	295,949	31
803,045	107,236	120,485	447,686	127,638	----------	----------	1,073,585	1,040,915	18,048	14,422	200	2,407,719	1,334,134	32
163,916	40,000	5,921	53,643	64,352	----------	----------	525,987	512,686	5,058	8,243	----------	691,011	165,024	33
1,447,365	49,943	152,771	807,581	38,915	377,030	21,125	4,468,611	4,112,748	218,505	137,358	----------	7,470,222	3,001,611	34
231,953	2,340	13,226	214,287	2,100	----------	----------	336,197	330,007	441	5,749	----------	752,639	416,442	35
1,805,914	173,452	203,501	1,302,847	126,114	----------	----------	2,339,244	2,254,268	18,590	27,478	38,908	4,713,450	2,374,206	36
1,519,266	----------	263,388	903,161	145,824	206,893	----------	9,070,811	8,869,282	91,039	110,490	----------	12,086,858	3,016,047	37
368,304	82,886	31,109	214,637	39,672	----------	----------	687,342	680,959	2,501	3,882	----------	1,253,142	565,800	38
1,534,809	383,314	209,662	605,735	334,007	2,091	----------	2,459,238	2,412,266	27,248	19,724	----------	5,590,327	3,131,089	39
4,343,023	174,700	511,749	3,218,044	413,065	----------	25,465	3,586,662	3,501,519	36,190	48,953	----------	10,478,481	6,891,819	40
1,207,428	135,575	86,991	945,566	39,296	----------	----------	2,756,964	2,664,683	580	15,974	75,727	4,685,790	1,928,826	41
204,504	17,173	31,763	150,268	5,300	----------	----------	670,909	646,052	15,116	9,741	----------	1,052,683	381,774	42
2,407,393	331,837	427,222	1,406,135	203,705	31,821	6,673	8,186,960	7,820,407	127,901	105,376	133,276	13,026,943	4,839,983	43
742,601	16,550	19,319	705,732	1,000	----------	----------	234,925	180,738	4,388	18,635	31,164	1,336,906	1,101,981	44
1,375,602	171,050	104,362	990,052	108,885	----------	1,253	6,393,478	5,400,072	3,792	22,450	967,164	9,192,324	2,798,846	45
328,543	21,750	64,115	213,046	29,632	----------	----------	1,042,913	972,611	21,037	49,265	----------	1,957,237	914,324	46
90,919	15,969	12,066	51,712	11,172	----------	----------	108,392	103,567	1,542	3,283	----------	256,152	147,760	47
3,876,340	320,866	814,010	2,478,020	222,272	38,483	2,689	4,237,733	4,095,319	45,503	91,852	5,059	9,714,532	5,476,799	48
327,892	----------	48,739	189,194	89,959	----------	----------	431,675	344,519	7,061	80,095	----------	1,547,000	1,115,325	49
1,560,984	147,118	147,200	1,060,690	164,684	34,303	6,989	3,718,105	3,524,560	90,770	46,775	56,000	8,617,486	4,899,381	50
86,962	15,700	14,438	43,222	12,250	----------	1,352	986,175	978,594	3,307	4,274	----------	1,395,730	409,555	51
7,066,652	753,740	927,086	3,921,065	1,380,919	37,754	46,088	11,741,270	11,475,865	124,397	100,367	40,641	23,001,985	11,260,715	52
530,325	27,070	45,097	421,163	35,695	1,300	----------	822,001	802,548	5,522	13,431	500	1,660,670	838,669	53
2,165,892	118,549	283,038	1,443,871	221,529	21,105	77,800	3,714,769	3,587,533	56,851	64,443	5,942	7,682,400	3,967,631	54
780,244	69,344	83,196	501,469	123,119	----------	3,116	1,178,348	1,164,752	7,242	4,881	1,473	2,385,573	1,207,225	55
2,844,547	295,537	433,486	1,950,752	104,938	59,834	----------	2,427,943	2,318,404	27,614	51,024	30,901	6,780,698	4,352,755	56
26,098,937	512,973	1,786,818	23,487,567	266,596	4,486	40,497	32,177,131	28,923,642	1,092,786	2,116,130	44,573	68,520,696	36,343,565	57
3,081,325	232,875	314,938	2,242,053	253,289	5,684	32,486	3,971,957	3,798,931	67,479	105,547	----------	9,177,924	5,205,967	58
2,752,394	127,809	250,732	2,177,963	195,890	----------	----------	4,220,940	3,946,120	204,147	68,624	2,049	7,926,863	3,705,923	59
4,355,849	258,510	333,980	3,738,279	25,080	----------	----------	7,366,444	6,780,057	92,049	494,338	----------	13,709,711	6,343,267	60
(5)	----------	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	61
1,312,429	76,481	186,520	951,793	82,019	14,560	1,056	3,015,974	2,961,415	18,086	36,473	----------	4,785,476	1,769,502	62
137,476	5,730	8,918	118,920	3,908	----------	----------	27,487	24,685	419	2,383	----------	220,973	193,486	63
1,829,027	269,270	182,411	1,172,273	203,253	1,820	----------	8,202,301	8,098,053	2,988	26,190	75,070	11,064,784	2,862,483	64
4,313,070	343,703	488,691	2,858,384	436,313	----------	185,979	2,844,259	2,658,481	89,298	94,700	1,780	12,678,432	9,834,173	65
184,513	13,509	11,186	114,884	44,876	58	----------	100,043	90,216	877	8,015	935	581,408	481,365	66

TABLE 8.—GENERAL STATISTICS FOR THE

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
1	7	Die-cut paper and paperboard, and converted cardboard	9	6	250	6	37	190	15	2	-------
2	20	Dolls (except rubber)	3	-------	682	6	28	619	[illegible]	1	-------
3	14	Doors, window sash, frames, molding, and trim (made of metal)	7	3	145	9	10	109	17	-------	-------
4	9	Drugs and medicines (including drug grinding)	39	5	1,277	59	216	744	249	-------	9
5	3	Dyeing and finishing cotton, rayon, silk, and linen textiles	38	3	10,493	58	1,025	9,331	74	5	-------
6	3	Dyeing and finishing woolen and worsted	13	4	773	17	66	671	19	-------	-------
7	16	Electrical appliances	5	-------	2,839	5	412	2,321	101	-------	-------
8	16	Electrical measuring instruments	3	-------	2,766	6	629	2,091	25	-------	15
9	16	Electrical products not elsewhere classified	8	3	216	3	23	181	9	-------	-------
10	16	Electric lamps	5	-------	1,003	4	178	766	55	-------	-------
11	15	Electroplating, plating, and polishing	50	47	596	21	40	518	15	2	-------
12	8	Electrotyping and stereotyping, not done in printing establishments	13	2	318	19	48	209	42	-------	-------
13	17	Elevators, escalators, and conveyors	10	3	216	8	29	140	39	-------	-------
14	4	Embroideries, other than Schiffli-machine products—contract factories	11	15	136	2	5	128	1	-------	-------
15	14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	16	2	715	22	66	602	25	-------	-------
16	15	Engraving on metal (except for printing purposes)	17	15	127	6	16	104	1	-------	-------
17	8	Engraving (steel, copperplate, and wood); plate printing	23	15	302	16	34	238	14	-------	-------
18	7	Envelopes	15	-------	2,065	25	166	1,609	214	27	24
19	20	Fabricated plastic products, not elsewhere classified	15	6	1,498	17	197	1,193	74	15	2
20	14	Fabricated structural steel and ornamental metalwork, made in plants not operated in connection with rolling mills	50	28	954	47	120	728	57	-------	2
21	20	Feathers, plumes, and artificial flowers	3	5	43	-------	3	36	4	-------	-------
22	3	Felt goods, wool, hair, and jute (except woven felts and hat bodies and hats)	10	-------	753	10	83	654	6	-------	-------
23	9	Fertilizers	10	-------	232	1	29	192	6	1	3
24	7	Fiber cans, tubes, and similar products	12	2	571	16	44	499	11	-------	1
25	3	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	5	3	297	3	25	264	5	-------	-------
26	14	Firearms	4	-------	1,186	5	113	1,030	38	-------	-------
27	20	Fire extinguishers, chemical	3	1	26	2	2	22	-------	-------	-------
28	9	Fireworks	3	-------	175	6	27	138	2	2	-------
29	1	Flavoring extracts and flavoring sirups, not elsewhere classified	24	9	304	23	31	155	89	4	2
30	1	Flour and other grain-mill products	7	5	49	1	9	35	4	-------	-------
31	1	Food preparations, not elsewhere classified	48	31	566	36	58	360	110	-------	2
32	17	Food-products machinery	16	6	488	21	75	380	12	-------	-------
33	12	Footwear (except rubber)	275	60	49,944	450	3,123	45,595	750	19	7
34	14	Forgings, iron and steel—made in plants not operated in connection with rolling mills	10	2	1,380	17	200	1,081	16	66	-------
35	4	Fur coats and other fur garments, accessories, and trimmings	22	11	203	21	16	103	62	1	-------
36	14	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	7	3	91	7	11	67	6	-------	-------
37	20	Games and toys (except dolls and children's vehicles)	20	6	1,552	24	135	1,316	73	4	-------
38	8	General commercial (job) printing	504	397	5,621	253	674	4,419	274	1	-------
39	16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	32	6	11,965	36	3,278	8,206	133	202	110
40	9	Glue and gelatin	9	-------	1,049	17	142	828	37	25	-------
41	15	Gold and silver leaf and foil	5	8	11	-------	1	10	-------	-------	-------
42	14	Gray-iron and semisteel castings	62	33	2,719	59	210	2,384	27	34	5
43	9	Grease and tallow (except lubricating greases)	14	4	572	9	54	461	33	8	7
44	8	Greeting cards (except hand-painted)	13	9	2,337	20	437	1,756	124	-------	-------
45	20	Hand stamps, stencils, and brands	23	16	200	12	21	148	19	-------	-------
46	14	Hardware not elsewhere classified	25	10	1,331	26	123	1,082	86	14	-------
47	3	Hat bodies and hats, fur-felt	4	2	349	-------	19	324	1	5	-------
48	3	Hat bodies and hats, wool-felt	4	-------	2,275	5	149	2,076	35	10	-------
49	14	Heating and cooking apparatus, except electric, not elsewhere classified	6	3	91	9	8	62	12	-------	-------
50	3	Hosiery—full-fashioned	8	-------	2,655	8	109	2,510	28	-------	-------
51	3	Hosiery—seamless	5	-------	670	11	45	578	36	-------	-------
52	4	House dresses, uniforms, and aprons—made in contract factories	10	7	441	1	13	425	1	1	-------
53	4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	34	20	3,287	27	99	3,055	95	-------	11
54	4	House furnishings (except curtains, draperies, and bedspreads)	34	28	640	21	38	539	42	-------	-------
55	6	Household furniture, except upholstered	89	34	3,864	133	267	3,299	162	2	1
56	1	Ice cream and ices	121	69	1,207	53	143	608	384	11	8
57	1	Ice, manufactured	67	16	612	37	60	336	171	1	7
58	12	Industrial leather belting and packing leather	24	14	466	19	26	384	37	-------	-------
59	17	Industrial machinery, not elsewhere classified	36	13	1,964	48	289	1,454	150	11	12
60	9	Insecticides, fungicides, and related industrial and household chemical compounds	40	12	277	35	33	143	66	-------	-------
61	16	Insulated wire and cable	8	2	959	16	163	715	62	2	1
62	15	Jewelers' findings and materials	20	11	949	21	87	813	26	2	-------
63	20	Jewelry cases and instrument cases	12	5	749	9	79	605	16	40	-------
64	15	Jewelry (precious metals)	48	18	2,314	49	366	1,840	47	6	6
65	3	Knitted cloth	25	10	1,448	38	119	1,242	49	-------	-------
66	3	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	29	9	1,690	41	118	1,480	51	-------	-------
67	3	Knitted underwear	11	-------	1,602	23	85	1,311	174	5	4
68	6	Laboratory, hospital, and other professional furniture	5	5	76	3	11	58	4	-------	-------
69	20	Lamp shades	3	3	35	-------	3	32	-------	-------	-------
70	6	Lasts and related products	18	4	709	23	75	572	38	1	-------

See footnotes at end of table.

STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
317,946	32,380	56,964	197,584	28,512	2,506	----------	744,823	700,619	10,442	7,219	26,543	1,289,122	544,299	1
631,025	64,091	38,863	491,566	34,381	2,124	----------	733,019	698,297	16,083	18,639	----------	1,530,986	797,967	2
227,874	33,360	17,770	156,108	20,636	----------	----------	194,460	180,094	1,988	6,913	5,465	551,628	357,168	3
1,902,146	338,117	376,494	779,139	390,082	208	18,106	6,636,894	6,565,330	48,244	23,206	114	13,942,218	7,305,324	4
13,081,588	529,439	2,142,282	10,105,433	297,902	6,532	----------	34,506,760	32,435,783	1,781,609	274,591	14,777	53,565,356	19,058,596	5
892,460	123,750	105,566	620,854	42,290	----------	----------	962,067	818,852	103,333	39,882	----------	2,590,716	1,628,649	6
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	7
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	8
317,111	15,342	31,515	249,390	20,864	----------	----------	264,239	243,471	7,173	12,345	1,250	734,538	470,299	9
1,294,524	39,519	363,635	768,335	123,035	----------	----------	2,824,271	2,710,492	42,329	69,627	1,823	6,793,667	3,969,396	10
675,112	50,784	57,148	549,574	15,454	2,152	----------	366,636	299,960	18,685	43,336	4,655	1,502,348	1,135,712	11
697,162	136,222	83,576	395,852	81,512	----------	----------	165,955	114,645	6,446	24,717	20,147	1,144,461	978,506	12
344,707	26,385	45,609	217,415	55,298	----------	----------	303,493	291,466	2,674	4,777	4,576	763,690	460,197	13
104,466	2,447	5,480	96,231	308	----------	----------	54,960	48,034	228	3,262	3,436	247,351	192,391	14
1,076,388	79,877	95,574	834,711	66,226	----------	----------	1,693,674	1,604,709	32,578	40,169	16,218	3,976,459	2,282,785	15
198,950	18,800	23,107	156,313	730	----------	----------	56,159	51,521	240	1,402	2,996	373,709	317,550	16
411,680	49,592	42,573	287,506	32,009	----------	----------	222,442	204,229	5,097	6,647	6,469	883,173	660,731	17
2,737,652	95,643	408,793	1,788,434	369,580	47,505	27,697	4,754,112	4,667,946	45,372	31,864	8,930	9,479,111	4,724,999	18
2,555,841	76,783	402,110	1,834,725	213,799	24,928	3,496	2,883,247	2,736,351	61,121	85,032	743	6,562,704	3,679,457	19
1,374,479	209,830	219,220	825,986	116,677	----------	2,766	2,395,201	2,275,265	12,654	41,514	65,768	4,640,151	2,244,950	20
(5)	----------	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	21
978,260	48,513	176,433	738,175	15,139	----------	----------	2,493,928	2,364,645	81,010	48,273	----------	4,295,639	1,801,711	22
307,338	1,560	71,341	214,034	15,127	2,222	3,054	1,987,253	1,951,287	21,864	14,102	----------	2,566,222	578,969	23
594,957	59,306	66,782	445,363	22,362	----------	1,144	766,907	703,556	46,734	14,740	1,877	1,742,860	975,953	24
291,514	12,230	35,323	229,601	14,360	----------	----------	722,549	711,838	4,391	6,320	----------	1,232,558	510,009	25
1,457,926	32,480	185,982	1,185,618	53,846	----------	----------	768,762	681,176	43,072	40,384	4,130	3,179,970	2,411,208	26
(5)	(5)	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	27
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	28
469,215	102,650	51,592	147,553	161,568	4,232	1,620	1,151,339	1,140,197	6,380	4,762	----------	2,298,525	1,147,186	29
49,414	1,000	10,647	32,656	5,111	----------	----------	710,543	696,051	225	14,267	----------	796,624	86,081	30
717,754	143,016	104,347	355,203	113,809	----------	1,379	2,314,950	2,242,200	48,441	24,309	----------	4,578,078	2,263,128	31
766,188	130,732	131,483	473,727	30,246	----------	----------	866,444	820,060	13,921	19,323	13,140	2,079,430	1,212,986	32
47,785,667	2,824,992	5,007,063	38,065,411	1,856,593	16,399	15,209	76,176,445	74,875,617	305,858	601,800	393,170	142,110,567	65,934,122	33
2,305,008	197,855	386,203	1,590,814	55,693	74,443	----------	2,962,942	2,583,357	230,607	116,598	32,380	6,663,464	3,700,522	34
352,153	87,294	33,146	145,121	85,592	1,000	----------	389,940	366,560	2,640	8,662	12,078	749,444	359,504	35
145,953	30,805	21,015	84,442	9,691	----------	----------	126,106	106,404	9,375	8,524	1,803	330,659	204,553	36
1,628,588	151,190	220,987	1,095,774	153,223	7,414	----------	1,634,067	1,571,899	18,710	34,678	8,780	4,051,290	2,417,223	37
8,422,605	1,002,842	1,109,579	5,743,518	561,466	5,200	----------	7,226,089	6,326,301	101,490	206,296	592,002	20,878,188	13,652,099	38
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	39
2,049,120	264,954	391,003	1,181,797	169,531	41,835	----------	4,763,852	4,232,096	475,204	56,552	----------	8,514,433	3,750,581	40
6,220	----------	225	5,995	----------	----------	----------	23,511	22,080	210	151	1,070	41,294	17,783	41
3,997,607	394,814	397,647	3,089,841	69,914	41,555	3,836	2,395,168	1,975,150	282,359	113,731	23,928	7,720,325	5,325,157	42
852,028	35,247	111,074	615,997	71,858	12,516	5,336	3,062,092	2,870,688	99,981	91,423	----------	4,645,195	1,583,103	43
2,771,494	205,447	728,018	1,626,587	211,442	----------	----------	3,598,096	2,217,217	18,609	31,595	1,330,675	8,079,679	4,481,583	44
268,438	49,508	30,832	163,141	24,479	478	----------	139,783	123,642	3,434	4,805	7,902	622,308	482,525	45
1,653,040	100,519	204,973	1,179,870	139,840	27,838	----------	2,006,789	1,876,078	36,213	45,278	49,220	4,682,770	2,675,981	46
(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	47
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	48
85,864	18,415	8,489	53,711	5,249	----------	----------	181,444	165,167	942	2,335	13,000	351,046	169,602	49
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	50
597,495	93,034	72,910	398,309	33,242	----------	----------	572,793	544,160	9,167	7,479	11,987	1,442,988	870,195	51
310,775	2,080	25,261	280,479	1,135	1,820	----------	40,473	28,160	710	5,403	6,200	473,069	432,596	52
2,573,946	299,635	185,749	1,920,752	159,330	----------	8,480	5,212,823	5,044,505	1,170	32,609	134,539	8,673,672	3,460,849	53
591,816	118,045	39,969	385,332	48,470	----------	----------	1,613,154	1,569,029	11,704	19,534	12,887	2,632,462	1,019,308	54
4,561,411	578,725	431,782	3,267,694	275,433	5,177	2,600	5,490,400	5,240,120	103,243	112,216	34,821	12,360,515	6,870,115	55
1,793,400	271,748	202,933	692,705	596,161	15,814	14,039	6,475,047	6,198,315	50,156	226,576	----------	12,291,063	5,816,016	56
886,695	113,728	97,600	458,315	207,707	369	8,976	773,828	139,235	77,597	556,996	----------	3,863,639	3,089,811	57
671,245	85,857	45,390	470,873	69,125	----------	----------	2,222,631	2,167,744	37,589	16,343	955	4,241,956	2,019,325	58
3,476,021	373,658	615,660	2,025,210	424,173	24,524	12,796	2,243,293	2,105,466	49,879	76,418	11,530	8,036,482	5,793,189	59
377,299	106,215	51,851	121,334	97,899	----------	----------	754,527	737,587	8,040	8,900	----------	1,517,257	762,730	60
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	61
1,596,748	218,176	255,402	1,034,057	83,558	5,555	----------	7,183,707	7,040,844	24,081	51,605	67,177	9,903,104	2,719,397	62
801,724	69,536	167,300	492,799	25,725	46,364	----------	667,379	644,700	4,928	10,907	6,844	1,648,602	981,223	63
3,159,250	283,346	492,093	2,212,140	149,962	13,050	8,659	3,418,691	3,262,449	30,311	25,106	100,825	8,092,525	4,673,834	64
1,815,342	264,439	257,777	1,219,672	73,454	----------	----------	6,345,547	5,746,241	77,444	50,328	471,534	9,363,914	3,018,367	65
1,690,820	263,042	177,704	1,172,589	77,485	----------	----------	4,088,550	3,913,978	11,140	31,640	131,792	6,349,441	2,260,891	66
1,792,689	205,085	160,580	1,084,890	323,371	9,392	9,371	1,676,893	1,602,390	41,394	18,247	14,862	4,586,333	2,909,440	67
71,386	7,919	15,609	42,220	5,638	----------	----------	107,914	104,931	477	1,519	987	227,844	119,930	68
31,235	----------	3,306	27,929	----------	----------	----------	28,458	27,938	146	374	----------	75,619	47,161	69
1,154,411	86,057	143,566	809,005	113,771	2,012	----------	698,404	650,543	12,841	28,893	6,127	2,351,540	1,653,136	70

TABLE 8.—GENERAL STATISTICS FOR THE

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1]: Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [4]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
1	12	Leather goods not elsewhere classified	19	13	407	14	18	328	47		
2	12	Leather: tanned, curried, and finished—contract factories	44	29	2,099	47	122	1,920	10		
3	12	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	77	21	8,180	77	575	7,432	76	20	
4	15	Lighting fixtures	18	13	766	14	104	589	10		49
5	13	Lime	5	1	250	2	27	218	3		
6	3	Linen goods	3		1,071	5	24	1,039	1		2
7	1	Liquors, distilled	4		85	8	19	54	3	1	
8	1	Liquors, rectified or blended	10		243	9	20	160	54		
9	8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	29	11	1,432	40	183	1,099	104	6	
10	9	Lubricating oils and greases—not made in petroleum refineries	4	1	62	3	16	22	21		
11	1	Macaroni, spaghetti, vermicelli, and noodles	13	15	229	7	5	96	27		94
12	8	Machine and hand typesetting (including advertisement typesetting)	25	17	580	27	65	460	28		
13	17	Machine-shop products, not elsewhere classified	111	67	3,784	110	483	2,901	210	50	30
14	17	Machine-shop repairs	49	43	229	20	28	180	1		
15	17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	48	25	4,246	62	533	3,237	379	19	16
16	17	Machine tools	23	2	4,842	56	950	3,569	195	7	65
17	1	Malt liquors	15		1,515	35	156	754	547	20	3
18	6	Mattresses and bedsprings	68	51	1,083	58	98	845	82		
19	17	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	4		1,040	9	208	706	117		
20	1	Meat packing, wholesale	28	18	2,948	21	334	2,082	501	1	9
21	17	Mechanical power-transmission equipment	13	1	1,510	29	248	1,153	70	7	3
22	4	Men's and boys' hats and caps (except felt and straw)	19	23	116	11	11	85	9		
23	4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	12	1	3,418	16	111	3,203	88		
24	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	32	30	662	21	18	615	5	1	2
25	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	95	38	5,939	93	252	5,370	181	5	38
26	4	Men's neckwear—made in inside factories or by jobbers engaging contractors	22	15	709	18	36	580	75		
27	17	Metalworking machinery and equipment, not elsewhere classified	8		516	16	138	354	8		
28	4	Millinery	33	11	1,667	38	104	1,448	77		
29	6	Mirror frames and picture frames	14	13	118	9	11	88	9		1
30	13	Mirrors and other glass products made of purchased glass	18	11	264	11	19	216	18		
31	20	Miscellaneous fabricated products not elsewhere classified	38	23	1,434	33	115	1,229	56	1	
32	4	Miscellaneous fabricated textile products not elsewhere classified	22	16	1,065	15	66	886	98		
33	20	Models and patterns (except paper patterns)	51	46	538	30	38	436	34		
34	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	98	60	1,083	72	114	846	47	3	1
35	19	Motorcycles, bicycles, and parts	4		1,293	7	125	1,072	89		
36	18	Motor vehicles, motor-vehicle bodies, parts and accessories	21	6	1,541	23	74	1,249	195		
37	9	Mucilage, paste, and other adhesives, except glue and rubber cement	5	3	59	5	12	32	10		
38	20	Musical instruments, parts, and materials not elsewhere classified	8	2	324	12	49	258	5		
39	14	Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills	15	4	1,288	30	125	1,067	41	25	
40	20	Needles, pins, hooks and eyes, and slide and snap fasteners	3	3	99		5	93	1		
41	8	Newspapers: publishing and printing	144	62	9,503	162	3,073	5,045	1,214	1	8
42	8	Newspapers: publishing without printing	37	18	147	18	99	5	25		
43	1	Nonalcoholic beverages	162	114	1,963	89	227	885	747	2	13
44	15	Nonferrous-metal foundries (except aluminum)	41	37	423	25	27	363	5	3	
45	15	Nonferrous-metal products not elsewhere classified	25	14	618	27	49	494	45		3
46	17	Office and store machines not elsewhere classified	5	3	455	10	30	338	77		
47	6	Office furniture	5	1	208	7	19	167	15		
48	14	Oil burners, domestic and industrial	14	2	182	17	20	102	43		
49	20	Ophthalmic goods: lenses and fittings	14	2	4,445	30	756	3,319	296	44	
50	20	Organs	3	2	102	3	10	79	10		
51	9	Paints, varnishes, and lacquers	47	7	1,241	67	144	666	349	5	10
52	7	Paper and paperboard mills	71	1	11,548	133	959	9,904	295	249	8
53	7	Paper bags, except those made in paper mills	6	3	520	5	47	455	13		
54	7	Paperboard containers and boxes not elsewhere classified	117	51	6,306	125	582	5,125	435	31	8
55	17	Paper-mill, pulp-mill, and paper-products machinery	20	4	1,438	49	198	1,102	83	6	
56	6	Partitions, shelving, cabinet work, and office and store fixtures	33	30	490	17	35	398	37		3
57	10	Paving blocks and paving mixtures: asphalt creosoted wood, and composition	19	3	198	3	24	164	1	6	
58	20	Pencils (except mechanical) and crayons	4	3	47	3	5	39			
59	20	Pens, mechanical pencils, and pen points	4	2	78	2	9	57	10		
60	9	Perfumes, cosmetics, and other toilet preparations	16	5	103	16	15	56	16		
61	8	Periodicals: publishing and printing	15	6	425	17	116	249	42	1	
62	8	Periodicals: publishing without printing	74	12	951	93	484	7	367		
63	10	Petroleum refining	3		813		180	594	27	12	
64	8	Photoengraving, not done in printing establishments (including preparation of plates)	41	24	612	54	77	418	63		
65	20	Photographic apparatus and materials and projection equipment (except lenses)	3		478	6	51	414	7		

See footnotes at end of table.

STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
404,418	57,982	20,629	271,148	54,659	----------	----------	414,046	399,903	4,326	8,946	871	1,039,195	625,149	1
2,553,491	215,579	189,325	2,127,423	21,164	----------	----------	1,886,327	1,581,116	133,358	84,779	87,074	5,125,163	3,238,836	2
11,916,690	747,038	1,205,045	9,742,835	197,105	24,667	----------	43,049,959	37,991,350	540,902	210,425	4,307,282	63,669,127	20,619,168	3
983,228	66,906	154,276	618,005	53,575	----------	90,466	1,315,851	1,256,276	12,805	33,728	13,042	2,989,154	1,673,303	4
300,754	7,350	44,072	237,118	4,320	7,894	----------	378,572	188,626	142,251	47,695	----------	961,418	582,846	5
956,228	41,200	61,137	845,907	6,500	----------	1,484	1,486,292	1,415,697	33,051	32,119	5,425	2,802,135	1,315,843	6
204,208	67,150	49,264	80,130	5,560	2,104	----------	396,192	366,729	21,316	8,147	----------	798,505	402,313	7
656,684	116,896	41,638	196,043	302,107	----------	----------	565,434	536,076	12,793	16,565	----------	1,479,944	914,510	8
2,516,297	250,132	406,723	1,544,867	301,790	12,785	----------	2,328,861	2,048,191	16,765	43,661	220,244	6,072,802	3,743,941	9
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	10
219,517	29,800	7,507	75,154	39,851	----------	67,205	622,878	591,153	4,496	27,229	----------	1,101,650	478,772	11
927,937	129,462	136,011	607,204	55,260	----------	----------	170,803	107,651	4,296	20,747	38,109	1,339,763	1,168,960	12
5,652,597	612,372	770,908	3,661,897	443,984	122,024	41,412	5,200,310	4,725,746	165,718	239,531	69,315	14,009,251	8,808,941	13
312,747	38,182	30,000	243,265	1,300	----------	----------	236,294	216,535	6,358	12,644	757	842,700	606,406	14
6,268,221	487,481	909,590	4,038,818	774,821	31,376	26,135	2,865,139	2,549,628	118,152	178,505	18,854	13,208,415	10,343,276	15
9,042,290	590,402	1,787,638	6,013,687	548,298	12,559	89,706	6,914,587	6,533,058	80,297	183,677	117,555	24,590,740	17,676,153	16
3,123,757	350,221	370,876	1,271,351	1,066,928	60,781	3,600	3,874,697	3,578,172	195,897	100,628	----------	11,838,692	7,963,995	17
1,363,955	228,388	144,491	833,452	156,602	----------	1,022	3,139,104	3,078,750	15,068	38,751	6,535	5,666,528	2,527,424	18
1,682,342	129,120	419,801	894,822	238,599	----------	----------	1,469,857	1,421,549	25,496	20,612	2,200	5,052,763	3,582,906	19
4,996,336	140,120	614,944	3,211,983	1,015,925	1,612	11,752	37,052,259	36,638,863	263,052	150,344	----------	43,569,671	6,517,412	20
2,699,392	272,159	497,650	1,721,556	190,179	14,040	3,808	1,793,361	1,647,470	28,347	80,850	36,694	6,249,733	4,456,372	21
121,766	27,057	9,581	74,408	10,720	----------	----------	192,243	188,223	419	2,995	606	405,127	212,884	22
2,679,413	103,412	165,574	2,293,441	116,986	----------	----------	5,649,666	5,543,940	18,535	27,662	59,529	10,085,856	4,436,190	23
606,848	43,866	21,910	535,377	2,945	1,250	1,500	162,314	135,281	1,973	9,046	16,014	938,885	776,571	24
6,961,037	597,411	480,776	5,452,292	390,815	7,072	32,671	15,289,999	13,421,713	25,209	69,624	1,773,453	25,522,060	10,232,061	25
713,897	68,641	52,955	475,066	117,235	----------	----------	1,489,170	1,478,965	196	10,009	----------	2,758,819	1,269,649	26
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	27
1,598,446	181,513	202,560	1,100,951	113,422	----------	----------	2,772,214	2,724,862	17,888	29,370	94	5,194,933	2,422,719	28
143,464	14,817	21,038	92,156	14,670	----------	783	168,949	161,494	3,365	3,861	229	433,688	264,739	29
413,637	64,619	33,550	290,180	25,288	----------	----------	351,615	334,160	5,464	10,821	1,170	956,079	604,464	30
1,439,046	172,748	236,783	971,365	56,848	1,302	----------	1,894,745	1,806,536	22,363	41,394	24,452	4,199,562	2,304,817	31
1,168,129	65,355	98,038	839,870	164,866	----------	----------	2,083,769	2,050,849	10,659	20,530	1,731	3,448,343	1,364,574	32
983,363	133,126	56,970	711,172	82,095	----------	----------	209,194	187,480	4,143	16,803	768	1,658,767	1,449,573	33
1,595,987	209,840	177,834	1,124,136	81,613	2,221	343	1,069,625	857,754	53,552	99,962	58,357	3,580,699	2,511,074	34
1,668,811	65,948	200,711	1,257,190	144,962	----------	----------	3,203,815	3,099,133	58,929	45,753	----------	5,905,807	2,701,992	35
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	36
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	37
370,291	51,882	20,448	282,174	15,787	----------	----------	186,127	164,046	3,454	6,432	12,195	719,081	532,954	38
1,548,330	189,648	175,185	1,060,444	93,810	29,243	----------	2,520,585	2,420,546	37,533	59,760	2,746	5,269,011	2,748,426	39
(5)	----------	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	40
19,845,695	1,119,358	6,867,230	9,590,531	2,253,497	1,785	13,294	11,713,807	10,236,327	132,441	351,560	993,479	43,985,352	32,271,545	41
207,229	44,254	118,849	5,576	38,550	----------	----------	352,979	18,521	315	982	333,161	747,321	394,342	42
2,807,837	350,295	349,854	936,919	1,143,974	2,281	24,514	4,299,223	4,133,799	73,225	89,774	2,425	11,410,612	7,111,389	43
682,474	94,010	48,192	520,656	16,531	3,085	----------	1,004,674	936,230	51,161	17,060	223	2,001,624	996,950	44
879,180	154,658	95,756	528,964	97,326	----------	2,476	1,261,611	1,218,662	14,834	23,760	4,355	2,651,063	1,389,452	45
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	46
211,014	22,190	28,564	140,853	19,407	----------	----------	179,756	164,942	11,518	3,296	----------	487,479	307,723	47
321,292	72,940	23,801	141,776	82,775	----------	----------	380,933	369,837	3,880	4,888	2,328	747,962	367,029	48
6,104,831	276,507	1,307,398	3,886,788	577,428	56,710	----------	4,322,334	4,217,129	70,575	27,951	6,679	13,682,216	9,359,882	49
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	50
2,214,882	446,311	259,903	798,088	693,504	5,827	11,249	6,265,795	6,134,836	58,593	72,366	----------	11,704,739	5,438,944	51
16,231,920	1,011,308	2,042,180	12,084,248	653,299	431,476	9,409	34,978,887	29,766,416	3,586,649	1,614,696	11,126	65,058,084	30,079,197	52
625,176	60,333	75,964	459,296	29,583	----------	----------	1,986,978	1,963,346	6,116	17,280	236	3,773,294	1,786,316	53
7,870,106	730,795	1,023,626	5,183,098	862,285	49,792	20,510	16,694,539	16,338,967	151,362	184,459	19,751	29,616,614	12,922,075	54
2,472,688	358,396	421,758	1,466,809	214,741	10,984	----------	2,563,048	2,452,182	45,059	58,058	7,749	6,246,578	3,683,530	55
727,942	66,844	48,251	530,890	78,698	----------	3,259	949,047	919,499	4,999	16,414	8,135	2,089,283	1,140,236	56
311,367	8,877	52,040	238,550	3,900	8,000	----------	1,491,908	1,402,014	50,852	36,800	2,242	2,467,076	975,168	57
(5)	(5)	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	58
81,903	4,000	15,294	55,491	7,118	----------	----------	105,251	103,476	290	1,485	----------	204,820	99,569	59
157,820	53,357	30,210	54,041	20,212	----------	----------	260,154	253,752	3,109	3,293	----------	606,550	346,396	60
833,814	101,540	222,533	397,722	109,419	2,600	----------	471,827	385,660	6,345	16,984	62,838	1,874,183	1,402,356	61
1,586,809	467,099	690,667	7,603	421,440	----------	----------	2,249,843	497,699	3,104	3,321	1,745,719	5,445,709	3,195,866	62
(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	63
1,373,625	269,004	107,946	859,967	136,708	----------	----------	257,741	198,651	2,919	25,019	31,152	2,079,756	1,822,015	64
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	65

TABLE 8.—GENERAL STATISTICS FOR THE

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [3]	Manufacturing: Salaried employees [3]	Manufacturing: Wage earners (average for year) [4]	Distribution	Construction	Other
1	1	Pickled fruits and vegetables and vegetable sauces and seasonings	11	7	214	9	22	144	38	1	
2	5	Planing mills not operated in conjunction with sawmills	93	60	1,367	81	116	1,016	138	5	11
3	9	Plastic materials	4		1,332	4	242	882	62	142	
4	13	Pottery products not elsewhere classified	3	1	82	1	2	68	11		
5	1	Poultry dressing and packing, wholesale	19	11	223	12	13	189	8	1	
6	14	Power boilers and associated products	18	3	481	33	60	369	18		1
7	1	Prepared feeds (including mineral) for animals and fowls	24	10	512	19	42	318	87	10	36
8	1	Preserves, jams, jellies, and fruit butters	18	3	397	15	41	282	51		8
9	9	Printing ink	8	2	155	5	33	86	31		
10	17	Printing-trades machinery and equipment	3		199	8	18	148	19	3	3
11	3	Processed waste and recovered wool fibers—contract factories	16	3	400	14	27	358	1		
12	3	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	32	11	945	45	79	800	21		
13	20	Professional and scientific instruments (except surgical and dental)	14	2	318	19	41	241	17		
14	6	Public-building furniture	12	6	1,751	10	197	1,538	4	2	
15	17	Pumping equipment and air compressors	15	7	831	20	194	568	46		3
16	16	Radios, radio tubes, and phonographs	9		3,286	16	310	2,824	68	64	4
17	4	Raincoats and other waterproof garments (except oiled cotton)	19	7	958	20	41	824	73		
18	6	Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets	3	1	70	4	7	54	4		1
19	3	Rayon broad woven goods—contract factories	6	5	310	3	15	292			
20	3	Rayon broad woven goods—regular factories or jobbers engaging contractors	16	2	8,633	16	327	8,270	20		
21	3	Rayon narrow fabrics	7	4	375	7	16	334	18		
22	17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	9	5	69	2	12	42	12		1
23	4	Robes, lounging garments, and dressing gowns	7	7	567	6	26	511	24		
24	11	Rubber boots and shoes (including rubber-soled footwear with fabric uppers)	4		6,507	12	921	5,271	300	2	1
25	11	Rubber products not elsewhere classified	63	13	8,997	92	863	7,343	566	128	5
26	1	Salad dressings	4	1	152	6	15	79	49		3
27	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	85	67	1,328	47	92	928	257	2	2
28	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	58	62	749	12	35	687	11		4
29	14	Saws	11	6	894	6	129	749	10		
30	14	Screw-machine products and wood screws	26	15	1,643	47	210	1,342	44		
31	15	Secondary smelting and refining of nonferrous metals, not elsewhere classified	8	1	95	11	13	57	14		
32	17	Sewing machines, domestic and industrial	3	1	203	3	46	123	31		
33	15	Sheet-metal work not specifically classified	76	42	915	68	72	709	64		2
34	20	Signs, advertising displays, and advertising novelties	60	48	835	29	123	613	70		
35	3	Silk yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	6		1,209	7	68	1,056	78		
36	15	Silverware and plated ware	28	8	1,916	39	267	1,416	154		40
37	12	Small leather goods	9	4	738	10	31	605	92		
38	9	Soap and glycerin	24	6	2,097	23	507	1,471	95	1	
39	17	Special-industry machinery, not elsewhere classified	29	9	3,315	30	670	2,548	67		
40	20	Sporting and athletic goods not elsewhere classified	19	8	1,928	21	253	1,533	119	2	
41	14	Stamped and pressed metal products (except automobile stampings)	34	9	1,697	48	185	1,397	63	4	
42	13	Statuary and art goods (except stone and concrete)—factory production	8	4	90	12	5	70	3		
43	13	Steam and other packing; pipe and boiler covering	9	3	204	8	43	141	11		1
44	14	Steam fittings, regardless of material	26	1	2,432	48	437	1,809	119	19	
45	14	Steel castings	3		336	4	57	266	8	1	
46	14	Steel works and rolling mills	4		2,418	2	438	1,950		28	
47	14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	15	2	2,320	27	174	1,990	128	1	
48	12	Suitcases, brief cases, bags, trunks, and other luggage	18	10	669	22	33	584	30		
49	20	Surgical and medical instruments	8	2	280	23	60	173	24		
50	20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	28	12	1,174	16	140	808	210		
51	4	Suspenders, garters, and other goods made from purchased elastic material	5	4	246	4	13	176	53		
52	9	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	26	8	356	21	72	200	60	2	1
53	4	Textile bags—not made in textile mills	6	7	119	3	9	102	5		
54	17	Textile machinery	81	37	10,595	105	913	8,269	911	277	120
55	14	Tin cans and other tinware not elsewhere classified	8	1	559	9	99	413	36	2	
56	14	Tools (except edge tools, machine tools, files, and saws)	40	20	1,747	48	172	1,459	68		
57	4	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories	10	12	207	3	7	191	4		2
58	4	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	18	11	469	15	32	380	38		4
59	4	Trousers (semidress), wash suits, and washable service apparel	25	24	1,521	15	42	1,442	22		
60	20	Umbrellas, parasols, and canes	4	3	136	3	7	117	9		
61	6	Upholstered household furniture	68	39	1,708	87	119	1,426	67	1	8
62	9	Vegetable and animal oils, not elsewhere classified	3		57	5	8	10	34		
63	6	Venetian blinds	5		44	3	6	34	1		
64	1	Vinegar and cider	9	4	96	8	14	72	2		
65	6	Window and door screens and weather strip	12	10	79	4	4	63	8		

See footnotes at end of table.

STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	
274,251	60,433	28,662	123,811	58,745	2,600	----------	583,859	569,293	7,342	7,224	----------	1,080,556	496,697	1
1,889,148	302,046	189,031	1,173,314	206,702	8,033	10,022	2,578,336	2,378,795	29,313	97,720	72,508	5,555,618	2,977,282	2
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	3
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	4
201,762	28,930	15,068	139,706	17,658	400	----------	1,982,066	1,961,465	12,066	8,535	----------	2,331,612	349,546	5
824,608	164,142	111,116	494,677	53,151	----------	1,522	1,354,417	1,266,215	20,648	27,574	39,980	2,548,090	1,193,673	6
763,286	119,621	71,312	359,436	162,852	10,274	39,791	7,330,717	7,219,847	39,885	70,985	----------	9,383,769	2,053,052	7
522,674	63,985	67,398	259,478	116,183	1,392	14,238	3,176,907	3,142,054	25,030	9,823	----------	4,560,384	1,383,477	8
255,589	14,315	68,610	108,549	64,115	----------	----------	868,467	840,988	12,727	14,752	----------	1,994,987	1,126,520	9
378,075	71,950	36,900	192,318	67,506	4,465	4,936	359,996	339,831	5,579	14,586	----------	1,023,187	663,191	10
428,637	47,839	43,215	336,883	700	----------	----------	148,214	69,569	29,315	40,821	8,509	845,354	697,140	11
1,163,094	268,029	132,321	708,070	54,674	----------	----------	6,199,038	6,021,256	60,778	68,745	48,259	8,124,594	1,925,556	12
474,614	90,376	75,690	280,268	28,280	----------	----------	350,805	337,710	2,900	7,753	2,442	1,074,956	724,151	13
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	14
1,360,651	77,004	323,318	862,915	93,183	----------	4,231	2,140,105	1,935,112	26,271	32,392	146,330	4,412,511	2,272,406	15
3,418,897	132,403	576,748	2,418,368	160,962	126,100	4,316	3,793,014	3,647,067	43,982	93,106	8,859	9,209,244	5,416,230	16
901,289	98,381	72,646	643,368	86,894	----------	----------	2,033,080	1,666,275	3,262	11,605	351,938	3,340,516	1,307,436	17
66,456	11,110	8,922	40,290	4,427	----------	1,707	81,232	76,388	2,680	2,064	100	200,867	119,635	18
243,231	8,034	14,196	221,001	----------	----------	----------	50,724	26,118	----------	22,889	1,717	375,096	324,372	19
8,182,544	136,769	623,891	7,300,099	121,785	----------	----------	21,757,244	21,111,357	125,166	517,706	3,015	33,400,499	11,643,255	20
384,605	42,208	36,840	250,289	55,268	----------	----------	435,781	419,590	8,620	7,571	----------	1,038,922	603,141	21
82,614	9,640	15,702	46,455	10,037	----------	780	109,641	104,864	2,225	2,049	503	232,425	122,784	22
409,222	20,338	47,019	311,171	30,694	----------	----------	1,140,917	1,085,941	3,041	7,455	44,480	1,818,975	678,058	23
8,538,239	102,293	1,460,015	6,301,234	668,187	3,270	3,240	6,733,732	6,271,060	168,347	286,206	8,119	19,304,073	12,570,341	24
10,988,281	795,088	1,529,089	7,196,890	1,303,621	155,522	8,071	22,741,162	21,303,760	681,319	620,557	135,526	41,438,805	18,697,643	25
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	26
1,760,946	219,256	151,102	1,006,993	376,306	4,262	3,027	12,235,747	12,082,196	69,976	83,575	----------	15,829,085	3,593,338	27
766,765	54,840	47,817	645,743	13,525	----------	4,840	1,183,837	1,065,517	21,634	33,074	63,612	2,588,939	1,405,102	28
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	29
2,487,383	218,470	351,292	1,783,694	133,927	----------	----------	1,986,113	1,768,818	31,115	118,044	68,136	6,192,932	4,206,819	30
188,940	67,030	19,941	69,922	32,047	----------	----------	1,290,885	1,270,041	18,178	2,666	----------	1,642,638	351,753	31
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	32
1,382,041	263,129	118,179	884,782	114,218	----------	1,733	1,830,063	1,758,358	21,241	32,158	18,306	4,023,840	2,193,777	33
1,072,424	101,058	168,332	670,135	132,899	----------	----------	1,112,913	1,059,761	7,842	19,818	25,492	2,866,226	1,753,313	34
1,053,891	61,134	116,434	764,379	111,944	----------	----------	2,850,213	2,748,324	17,401	81,354	3,134	4,354,931	1,504,718	35
2,933,278	315,048	466,691	1,647,445	453,291	----------	50,803	2,774,844	2,656,662	47,804	51,942	18,436	7,646,613	4,871,769	36
858,106	103,829	50,901	452,604	250,772	----------	----------	1,007,874	992,269	1,503	7,814	6,288	2,505,005	1,497,131	37
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	38
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	39
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	40
2,364,754	258,989	361,522	1,608,267	132,246	3,730	----------	2,228,614	2,057,722	52,718	62,018	56,156	5,644,939	3,416,325	41
104,095	20,242	5,427	75,686	2,740	----------	----------	122,869	119,223	1,598	2,048	----------	337,584	214,715	42
373,329	37,840	111,110	155,740	68,195	----------	444	713,008	686,965	12,212	8,264	5,567	1,178,938	465,930	43
3,685,325	418,334	756,935	2,233,221	247,008	29,827	----------	3,189,710	3,009,070	75,638	92,182	12,820	9,419,141	6,229,431	44
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	45
(5)	(5)	(5)	(5)	----------	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	46
3,629,949	238,016	321,966	2,782,615	286,018	1,334	----------	4,717,101	4,380,253	164,990	104,131	67,727	11,829,114	7,112,013	47
622,358	89,718	41,947	437,729	52,964	----------	----------	1,125,718	1,113,611	2,814	8,148	1,145	2,091,782	966,064	48
384,334	107,508	86,381	164,651	25,794	----------	----------	411,721	404,677	1,903	4,763	378	1,022,807	611,086	49
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	50
227,028	15,453	21,227	118,349	71,999	----------	----------	633,072	631,189	173	1,710	----------	926,920	293,848	51
740,670	128,280	123,990	293,568	187,448	3,744	3,640	2,764,557	2,707,377	46,269	10,911	----------	3,960,222	1,195,665	52
102,132	3,693	10,534	76,845	11,060	----------	----------	895,824	891,035	1,356	3,299	134	1,248,022	352,198	53
16,028,216	1,024,550	1,718,223	10,780,303	1,924,343	390,773	190,024	13,334,893	12,654,036	395,434	268,389	17,034	35,773,630	22,438,737	54
740,596	69,920	163,898	436,284	62,046	8,448	----------	2,439,422	2,383,702	19,044	24,562	12,114	3,895,951	1,456,529	55
2,497,169	233,949	277,124	1,716,469	269,627	----------	----------	2,236,728	2,053,465	74,362	96,393	12,508	6,797,208	4,560,480	56
168,797	18,600	8,238	136,614	2,378	----------	2,967	40,544	34,943	693	4,908	----------	322,903	282,359	57
423,252	34,756	53,775	285,304	44,027	----------	5,390	1,280,818	1,260,864	7,855	12,099	----------	2,194,852	914,034	58
1,268,351	77,071	64,587	1,088,291	38,402	----------	----------	2,528,173	2,348,162	5,298	14,384	160,329	4,243,142	1,714,969	59
104,520	3,700	14,008	70,712	16,100	----------	----------	237,677	232,556	1,237	3,180	704	377,309	139,632	60
2,070,309	337,843	142,704	1,443,998	136,322	1,429	8,013	3,245,858	3,206,796	6,695	31,117	1,250	6,060,650	2,814,792	61
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	62
42,119	8,260	7,449	25,566	844	----------	----------	94,255	92,621	215	1,419	----------	185,491	91,236	63
93,739	16,260	14,519	58,888	4,072	----------	----------	261,074	250,975	3,717	6,382	----------	437,969	176,895	64
88,000	7,387	4,815	67,751	8,047	----------	----------	183,126	179,228	756	3,092	50	341,872	158,746	65

TABLE 8.—GENERAL STATISTICS FOR THE

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS[1] Total[2]	Salaried officers of corporations[2]	Manufacturing: Salaried employees[2]	Manufacturing: Wage earners (average for year)[3]	Distribution	Construction	Other
1	6	Window shades	24	25	178	7	15	97	59	....	
2	14	Wire drawn from purchased rods	14	6	4,207	13	560	3,555	46	33	.
3	14	Wirework, not elsewhere classified	37	12	1,699	52	174	1,413	60	.	
4	16	Wiring devices and supplies	8	1	875	14	74	764	23	. .	
5	4	Women's and misses' blouses and waists—made in contract factories	3	3	67	.	1	66		. .	
6	4	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors	11	6	340	10	17	300	13	. .	.
7	4	Women's and misses' clothing, not elsewhere classified—made in contract factories	6	6	244		4	240		..	
8	4	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	3	1	108	3	3	98	4	.... .	
9	4	Women's and misses' dresses (except house dresses)—made in contract factories	44	51	1,737	12	33	1,691	.	.....	1
10	4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	72	17	2,714	72	130	2,384	127	.....	1
11	4	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics	12	17	2,360	5	147	2,202	6	. . .	. ....
12	4	Women's, children's, and infants' underwear and nightwear of knitted fabrics	7	4	367	7	14	341	5	...	.....
13	4	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	14	9	973	13	32	907	21	.. ..	.... .
14	12	Women's pocketbooks, handbags, and purses	14	4	1,509	20	55	1,392	42	.	.. ....
15	6	Wooden boxes except cigar boxes	39	13	1,227	37	97	1,057	25	..	11
16	6	Wood products not elsewhere classified	47	37	846	26	65	724	31	. .	.
17	17	Woodworking machinery	10	3	356	12	45	286	13	.	
18	3	Woolen and worsted manufactures—contract factories	29	8	3,308	38	179	3,046	30	11	4
19	3	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	109	5	44,890	140	2,240	42,368	113	10	19
20	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	49	36	1,826	34	94	1,634	60	.... ..	4
21	9	Writing ink	3	1	269	6	33	116	114	.....	
22		Other industries[6]	516	177	73,907	533	11,824	57,684	3,060	570	236
		OTHER INDUSTRIES, BY INDUSTRY GROUPS[6]									
23	1	Food and kindred products	29	6	2,129	19	294	1,564	155	29	68
24	3	Textile-mill products and other fiber manufactures	31	8	8,205	22	557	7,470	140	16	. .
25	4	Apparel and other finished products made from fabrics and similar materials	29	24	1,300	15	43	1,224	18	.	. ..
26	6	Furniture and finished lumber products	19	8	2,274	12	235	2,016	9	2	
27	7	Paper and allied products	4	.	350	6	26	292	26	. ...	. . .
28	9	Chemicals and allied products	59	16	4,902	57	968	3,391	339	147	.
29	10	Products of petroleum and coal	10	1	2,284	2	270	1,859	126	27	...
30	12	Leather and leather products	5	4	49	3	4	41	1	...	...
31	13	Stone, clay, and glass products	34	3	3,296	61	553	2,329	255	64	34
32	14	Iron and steel and their products, except machinery	31	9	4,774	33	706	3,858	146	31	
33	15	Nonferrous metals and their products	10	7	99	13	12	66	8	.....	.
34	16	Electrical machinery	57	15	19,993	76	4,696	14,435	450	204	132
35	17	Machinery (except electrical)	59	14	7,341	83	1,233	5,387	599	39	....
36	20	Miscellaneous industries	83	39	4,514	70	520	3,441	478	5	.....
37	18	Automobiles and automobile equipment	21	6	1,541	23	74	1,249	195	..	.....
	19	Transportation equipment except automobiles	29	14	8,776	31	1,330	7,393	14	6	2
	2	Tobacco manufactures	5	3	2,080	7	303	1,669	101	.... ..	...
	11	Rubber products	1								

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.
[2] Figures do not include data for personnel of central-administrative offices.
[3] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
251,366	30,860	28,887	98,126	93,493	----------	----------	579,446	571,203	2,852	4,361	1,030	1,034,458	455,012	1
7,268,448	183,520	1,239,613	5,670,563	128,052	46,700	----------	10,271,995	9,206,013	463,873	601,906	203	22,427,537	12,155,542	2
2,052,752	210,814	297,842	1,434,417	109,679	----------	----------	3,094,485	2,877,997	43,080	64,190	109,218	6,498,451	3,403,966	3
1,069,913	129,229	155,426	749,251	36,007	----------	----------	1,057,118	997,926	35,854	23,338	----------	3,023,323	1,966,205	4
(5)	----------	(5)	(5)	----------	----------	----------	(5)	(5)	----------	(5)	----------	(5)	(5)	5
304,901	27,180	17,833	244,209	15,679	----------	----------	732,966	664,409	----------	5,027	63,530	1,247,196	514,230	6
(5)	----------	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	7
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	----------	(5)	----------	(5)	(5)	8
1,485,128	55,413	50,131	1,379,339	----------	----------	245	159,920	132,772	2,170	24,410	568	2,035,789	1,875,869	9
3,153,775	368,985	216,763	2,258,462	308,189	----------	1,376	9,103,759	7,738,816	2,402	38,970	1,323,571	14,252,759	5,149,000	10
1,668,822	59,044	167,306	1,418,950	23,522	----------	----------	4,447,743	4,421,514	1,673	22,588	1,968	7,500,634	3,052,891	11
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	----------	(5)	(5)	(5)	(5)	12
969,414	50,554	57,136	817,057	44,667	----------	----------	2,771,773	2,732,291	275	12,680	26,527	4,170,256	1,398,483	13
1,430,003	121,049	126,837	1,091,622	90,495	----------	----------	2,667,649	2,621,624	2,211	16,541	27,273	4,894,072	2,226,423	14
1,385,114	158,237	144,254	1,017,794	46,552	----------	18,277	1,967,513	1,909,487	13,471	43,915	640	4,064,485	2,096,972	15
916,273	114,354	103,321	671,121	27,477	----------	----------	1,109,221	1,059,024	11,036	28,221	10,940	2,609,885	1,500,664	16
601,055	85,833	88,736	390,016	36,470	----------	----------	375,829	328,028	15,574	20,969	11,258	1,288,501	912,672	17
3,791,865	280,355	374,105	3,068,484	46,669	15,142	7,110	1,108,331	693,816	259,303	151,952	3,260	6,625,508	5,517,177	18
47,694,673	1,203,058	4,379,200	41,641,234	434,908	17,128	19,145	117,234,722	111,218,074	2,878,498	912,356	2,225,794	190,655,164	73,420,442	19
1,624,032	118,238	137,076	1,242,745	121,478	----------	4,495	2,990,352	2,850,922	32,880	25,818	80,732	5,606,204	2,615,852	20
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	21
117,678,950	3,634,934	24,663,155	81,535,956	6,493,057	958,897	392,951	231,682,266	221,852,222	6,078,852	3,266,457	484,735	448,680,263	216,997,997	22
3,123,605	119,659	468,435	2,102,095	315,208	22,772	95,436	32,228,404	31,693,440	505,268	29,696	----------	38,372,414	6,144,010	23
9,204,465	182,683	1,048,389	7,588,303	363,883	21,207	----------	12,650,941	12,027,606	353,748	187,134	82,453	28,695,083	16,044,142	24
974,703	79,702	56,712	795,970	42,319	----------	----------	1,525,945	1,443,954	1,476	15,217	65,298	2,984,088	1,458,143	25
2,711,221	41,705	373,880	2,268,709	22,767	4,160	----------	3,491,511	3,378,712	71,180	31,623	9,996	8,071,692	4,580,181	26
598,732	69,725	61,544	396,586	70,877	----------	----------	1,035,380	915,383	76,248	33,827	9,922	1,926,603	891,223	27
7,819,781	417,685	1,832,119	4,517,062	773,847	279,068	----------	23,745,247	22,607,722	608,794	396,341	132,390	53,590,852	29,845,605	28
4,020,948	3,954	633,509	2,993,018	361,896	28,571	----------	31,595,706	30,171,655	1,132,790	286,938	4,323	39,720,326	8,124,620	29
64,176	21,500	5,344	37,232	100	----------	----------	80,085	76,762	1,707	730	886	168,738	88,653	30
6,128,667	536,175	1,095,406	3,646,537	660,395	111,103	79,051	6,752,524	6,179,273	320,328	252,923	----------	19,989,506	13,236,982	31
8,104,347	223,073	1,509,053	5,998,306	311,038	62,877	----------	14,746,982	12,789,304	1,286,125	636,215	35,338	26,763,145	12,016,163	32
132,851	32,599	21,861	70,537	7,854	----------	----------	3,215,429	3,202,974	5,788	6,667	----------	3,483,672	268,243	33
35,125,881	598,077	10,485,984	22,573,415	930,263	321,763	216,379	32,946,139	31,343,358	959,244	630,226	13,311	101,193,566	68,247,427	34
12,674,945	756,935	2,416,694	8,331,942	1,085,183	84,191	----------	12,147,421	11,669,139	277,345	110,470	90,467	30,548,507	18,401,086	35
6,076,915	302,158	983,423	3,944,711	834,965	11,658	----------	11,978,376	11,665,857	154,266	151,488	6,765	23,986,459	12,008,083	36
20,917,713	249,304	3,670,802	16,271,533	712,462	11,527	2,085	43,542,176	42,687,083	324,545	496,962	33,586	69,185,612	25,643,436	37

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[6] For numbers of establishments and of wage earners in individual industries, see table 12.

TABLE 9.—GENERAL STATISTICS FOR

[This table presents, for the industrial areas, separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for which combined figures are given, however, reported larger numbers of wage

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1]						
					Total [2]	Salaried officers of corporations [2]	Manufacturing		Distribution	Construction	Other
							Salaried employees [2]	Wage earners (average for year) [3]			
			BOSTON INDUSTRIAL AREA								
1		All industries, total	5,673	3,172	290,859	4,986	29,933	237,496	16,077	1,413	954
2	15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	3	1	75	6	4	45	20		
3	3	Artificial leather and oilcloth	3		390	10	90	258	28	4	
4	14	Automobile stampings	4		1,248	11	132	1,059	46		
5	16	Batteries, storage and primary (dry and wet)	5	7	97	4	9	75	9		
6	3	Batting, padding, and wadding; upholstery filling	8	12	102	5	11	85	1		
7	4	Belts (apparel), regardless of material	3	2	34	1	1	32			
8	1	Biscuit, crackers, and pretzels	11	3	1,738	4	70	1,446	211		7
9	19	Boat building and boat repairing	12	9	95	3	6	82	4		
10	14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	5	2	1,199	12	94	1,001	90	2	
11	8	Bookbinding and related industries	65	46	1,952	39	200	1,577	135		1
12	8	Books: printing without publishing	34	16	886	41	116	649	80		
13	8	Books: publishing without printing	36	12	893	44	557	1	291		
14	12	Boot and shoe cut stock and findings	213	124	6,023	212	469	5,162	173	7	
15	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	649	593	9,240	132	552	7,790	644	12	110
16	20	Brooms	4	8	12		1	11			
17	20	Brushes	13	7	647	10	42	527	48	20	
18	20	Buttons	4	6	22			22			
19	1	Candy and other confectionery products	91	50	6,740	72	498	5,730	367	8	65
20	1	Canned and dried fruits and vegetables (including canned soups)	3		142	1	4	133	4		
21	4	Canvas products (except bags)	20	8	183	26	15	115	27		
22	3	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	6	4	149	4	7	131	7		
23	6	Caskets, coffins, burial cases, and other morticians' goods	14	5	305	12	43	210	40		
24	1	Cheese	7	3	88	3	5	42	38		
25	9	Chemicals not elsewhere classified	8	2	688	4	31	429	13	198	13
26	9	Cleaning and polishing preparations, blackings, and dressings	56	24	763	59	113	413	176	2	
27	7	Coated and glazed paper	9	2	292	12	47	200	28		5
28	4	Coats, suits, and skirts (except fur coats)—made in contract factories	37	46	502	3	7	492			
29	4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	49	45	626	26	39	529	30		2
30	16	Communication equipment	10	1	710	20	154	469	62	3	2
31	9	Compressed and liquefied gases not made in petroleum refineries or in natural-gasoline plants	6		157		14	103	40		
32	13	Concrete products	41	19	836	31	59	655	67	22	2
33	1	Condensed and evaporated milk	3		32		6	23	2		1
34	7	Converted paper products not elsewhere classified	26	6	3,112	53	375	1,974	670	22	18
35	6	Cooperage	6	2	251	2	16	228	5		
36	3	Cordage and twine	7	2	686	8	32	645	1		
37	4	Corsets and allied garments	5	1	162	3	15	124	20		
38	3	Cotton broad woven goods	8	1	5,135	8	210	4,899	18		
39	3	Cotton narrow fabrics	14	5	1,390	16	103	1,172	74	6	19
40	3	Cotton thread	5		353	15	37	266	35		
41	3	Cotton yarn	4		180	6	23	151			
42	1	Creamery butter	3		15		1	13	1		
43	4	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	35	20	1,183	39	77	1,000	66	1	
44	14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	25	21	1,547	27	131	1,148	152		89
45	20	Dental equipment and supplies [a]	5	2	195	5	6	171	13		
46	7	Die-cut paper and paperboard, and converted cardboard	3	2	52		5	44	3		
47	9	Drugs and medicines (including drug grinding)	29	4	1,000	42	181	620	148		9
48	3	Dyeing and finishing cotton, rayon, silk, and linen textiles	11	2	3,095	13	299	2,757	26		
49	3	Dyeing and finishing woolen and worsted	7	2	316	15	29	254	18		
50	16	Electrical measuring instruments	3		2,767	6	629	2,092	25		15
51	16	Electrical products not elsewhere classified	5	1	131	3	18	103	7		
52	16	Electric lamps [a]	5		1,003	4	178	766	55		
53	15	Electroplating, plating, and polishing	26	27	263	7	20	226	9	1	
54	8	Electrotyping and stereotyping, not done in printing establishments	7	1	219	11	34	138	36		
55	4	Embroideries, other than Schiffli-machine products—contract factories [b]	11	15	136	2	5	128	1		
56	14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	13	2	396	19	52	313	12		
57	15	Engraving on metal (except for printing purposes)	7	6	52	2	9	40	1		
58	8	Engraving (steel, copperplate, and wood); plate printing	16	13	161	7	14	135	5		
59	7	Envelopes	4		143	6	14	92	20		11
60	20	Fabricated plastic products, not elsewhere classified	6	2	566	9	64	473	5	15	
61	14	Fabricated structural steel and ornamental metalwork, made in plants not operated in connection with rolling mills	40	24	782	38	96	608	40		
62	20	Feathers, plumes, and artificial flowers	3	5	43		3	36	4		
63	9	Fertilizers	5		196		27	162	3	1	3
64	20	Fire extinguishers, chemical	3	1	26	2	2	22			
65	1	Flavoring extracts and flavoring sirups, not elsewhere classified	19	7	256	19	24	134	73	4	2
66	1	Food preparations, not elsewhere classified	34	18	415	32	44	263	74		2

See footnotes at end of table.

INDUSTRIAL AREAS, BY INDUSTRIES: 1939

for individual establishments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries earners or larger values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
BOSTON INDUSTRIAL AREA														
Dollars 385,288,736	*Dollars* 28,659,017	*Dollars* 57,232,369	*Dollars* 264,495,570	*Dollars* 31,454,628	*Dollars* 2,160,703	*Dollars* 1,286,449	*Dollars* 764,643,460	*Dollars* 721,522,303	*Dollars* 14,511,241	*Dollars* 9,943,118	*Dollars* 18,666,798	*Dollars* 1,425,482,462	*Dollars* 660,839,002	1
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	2
619,583	72,707	160,748	296,926	80,286	8,916	----	1,639,587	1,594,366	30,095	15,126	----	2,763,567	1,123,980	3
1,898,478	133,528	279,547	1,348,418	136,985	----	----	2,640,262	2,564,985	22,347	48,741	4,189	6,979,755	4,339,493	4
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	5
110,450	18,805	15,248	74,847	1,550	----	----	473,396	451,225	6,699	15,472	----	694,554	221,158	6
31,254	2,695	628	27,931	----	----	----	36,401	35,955	----	446	----	84,591	48,190	7
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	8
100,936	5,192	5,987	85,037	4,720	----	----	133,881	129,316	1,388	2,354	823	274,961	141,080	9
1,521,347	107,215	174,026	1,048,586	188,176	3,344	----	1,033,173	944,792	38,764	49,617	----	3,282,711	2,249,538	10
2,696,707	218,130	354,172	1,849,965	273,257	----	1,183	1,356,545	1,225,180	19,792	36,537	75,036	5,282,435	3,925,890	11
1,625,156	218,954	232,279	992,817	181,106	----	----	1,077,803	884,542	10,905	32,974	149,382	3,242,718	2,164,915	12
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	13
6,533,139	1,020,457	663,428	4,467,045	370,083	12,126	----	24,880,208	24,640,308	54,257	171,055	14,588	36,201,579	11,321,371	14
12,914,022	483,188	923,024	10,664,867	682,874	24,905	135,164	21,354,573	20,394,142	603,297	357,134	----	45,490,954	24,136,381	15
(5)	----	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	16
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	17
15,598	----	----	15,598	----	----	----	32,377	31,618	----	529	230	59,264	26,887	18
7,086,804	477,114	987,875	4,824,851	676,452	15,235	105,277	15,545,204	15,166,495	194,245	166,244	18,220	27,509,372	11,964,168	19
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	20
259,839	69,018	20,245	135,387	35,189	----	----	280,175	275,026	2,598	2,501	50	645,603	365,428	21
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	22
514,520	66,423	64,431	292,402	91,264	----	----	720,092	702,250	11,296	6,346	200	1,635,080	914,988	23
163,916	40,000	5,921	53,643	64,352	----	----	525,987	512,686	5,058	8,243	----	691,011	165,024	24
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	25
1,371,604	331,697	187,241	555,599	295,127	1,940	----	2,264,923	2,221,640	25,041	18,242	----	5,034,784	2,769,861	26
461,016	88,758	66,063	239,839	59,683	----	6,673	1,739,200	1,686,417	27,216	17,487	8,080	2,676,974	937,774	27
422,422	5,270	6,279	410,873	----	----	----	120,812	78,906	2,242	8,500	31,164	743,087	622,275	28
823,431	123,548	53,853	580,208	64,569	----	1,253	5,065,476	4,083,041	1,035	14,236	967,164	7,018,274	1,952,798	29
1,288,197	213,823	273,184	628,735	162,866	7,500	2,089	1,711,858	1,680,996	9,793	16,010	5,059	3,693,285	1,981,427	30
(5)	----	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	31
1,282,845	126,678	123,273	878,160	116,668	34,303	3,763	3,144,406	2,967,876	83,987	36,571	55,972	7,446,430	4,302,024	32
35,820	----	7,958	23,462	4,400	----	----	686,972	684,339	1,165	1,468	----	926,289	239,317	33
4,705,156	500,643	694,836	2,412,024	1,021,586	29,979	46,088	7,482,629	7,340,289	74,055	60,748	7,537	14,583,548	7,100,919	34
273,861	13,980	23,973	217,211	18,697	----	----	575,573	558,326	5,180	12,067	----	1,055,778	480,205	35
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	36
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	37
4,666,858	172,449	350,306	4,061,963	82,140	----	----	5,297,092	4,745,859	257,256	269,093	24,884	11,212,436	5,915,344	38
1,551,569	102,706	162,141	1,114,377	134,175	5,684	32,486	2,135,410	2,051,458	35,955	47,997	----	4,492,625	2,357,215	39
459,567	99,392	53,868	222,490	83,817	----	----	1,080,860	1,032,109	23,267	25,484	----	1,797,495	716,635	40
(5)	(5)	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	41
(5)	----	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	42
1,022,342	203,897	94,926	620,874	100,825	1,820	----	4,239,312	4,188,972	850	15,009	34,481	5,711,480	1,472,168	43
(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	44
184,513	13,509	11,186	114,884	44,876	58	----	100,043	90,216	877	8,015	935	581,408	481,365	45
(5)	----	(5)	(5)	(5)	----	----	(5)	(5)	----	(5)	----	(5)	(5)	46
1,489,277	266,563	307,648	656,305	240,655	----	18,106	5,941,826	5,879,695	42,147	19,870	114	11,303,271	5,361,445	47
3,563,161	91,804	645,921	2,745,156	80,280	----	----	16,031,827	15,487,998	442,504	101,325	----	20,742,742	4,710,915	48
444,115	115,427	47,135	240,469	41,084	----	----	585,646	516,489	49,967	19,190	----	1,537,236	951,590	49
(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	50
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	51
1,294,524	39,519	363,635	768,335	123,035	----	----	2,824,271	2,710,492	42,329	69,627	1,823	6,793,667	3,969,396	52
323,814	20,640	31,955	260,432	10,135	652	----	189,478	151,512	8,585	25,326	4,055	705,435	515,957	53
490,891	82,103	62,353	278,349	68,086	----	----	122,920	83,442	4,319	17,002	18,157	812,914	689,994	54
104,466	2,447	5,480	96,231	308	----	----	54,960	48,034	228	3,262	3,436	247,351	192,391	55
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	56
96,820	15,700	16,015	64,375	730	----	----	20,412	19,586	----	826	----	166,677	146,265	57
212,569	22,030	17,074	161,127	12,338	----	----	102,956	97,730	645	3,096	1,485	438,670	335,714	58
(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	59
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	60
1,077,316	153,340	178,546	661,856	83,574	----	----	1,866,682	1,755,887	9,207	35,820	65,768	3,697,611	1,830,929	61
(5)	----	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	62
271,251	----	67,801	191,903	6,787	1,706	3,054	1,569,153	1,535,660	21,229	12,264	----	1,979,397	410,244	63
(5)	(5)	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	64
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	65
544,596	126,916	69,370	267,440	79,491	----	1,379	1,765,238	1,715,611	33,714	15,913	----	3,310,207	1,544,969	66

TABLE 9.—GENERAL STATISTICS FOR

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS[1] Total[1]	Salaried officers of corporations[2]	Manufacturing: Salaried employees[2]	Manufacturing: Wage earners (average for year)[3]	Distribution	Construction	Other
		BOSTON INDUSTRIAL AREA—Continued									
1	17	Food-products machinery	13	6	259	14	48	190	7		
2	12	Footwear (except rubber)	194	53	29,216	306	1,731	26,702	454	16	7
3	14	Forgings, iron and steel—made in plants not operated in connection with rolling mills	4	1	123	6	16	96	5		
4	4	Fur coats and other fur garments, accessories, and trimmings[5]	22	11	203	21	16	103	62	1	
5	14	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	7	3	91	7	11	67	6		
6	20	Games and toys (except dolls and children's vehicles)	7	5	334	5	35	256	38		
7	8	General commercial job printing	351	288	3,862	172	485	3,020	184	1	
8	16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	24	5	7,213	25	1,880	4,916	132	202	58
9	9	Glue and gelatin	9		1,051	17	142	830	37	25	
10	14	Gray-iron and semisteel castings	26	9	1,478	24	138	1,259	21	31	5
11	9	Grease and tallow (except lubricating greases)	9	2	386	9	34	305	27	4	7
12	20	Hand stamps, stencils, and brands	13	12	117	6	16	83	12		
13	14	Hardware not elsewhere classified	13	7	231	10	27	177	17		
14	3	Hosiery—full fashioned	5		1,466	8	70	1,360	28		
15	3	Hosiery—seamless[3]	5		670	11	45	578	36		
16	4	House dresses, uniforms, and aprons—made in contract factories	5	4	78		2	75	1		
17	4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	26	13	1,031	21	33	946	31		
18	4	Housefurnishings (except curtains, draperies, and bedspreads)	27	26	351	15	16	279	41		
19	6	Household furniture, except upholstered	52	25	1,609	70	114	1,342	83		
20	1	Ice cream and ices	65	34	757	32	82	401	233	7	2
21	1	Ice, manufactured	35	4	340	13	36	225	59		7
22	12	Industrial leather belting and packing leather	16	10	119	11	15	79	14		
23	17	Industrial machinery, not elsewhere classified	18	8	1,157	29	199	833	86	9	1
24	9	Insecticides, fungicides, and related industrial and household chemical compounds	32	10	249	30	29	125	65		
25	20	Jewelry cases and instrument cases	9	4	534	8	61	409	16	40	
26	15	Jewelry (precious metals)	18	10	141	9	16	93	19		4
27	3	Knitted cloth	17	2	1,111	30	82	957	42		
28	3	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	25	9	1,304	33	84	1,164	23		
29	3	Knitted underwear	6		869	16	45	656	150	2	
30	20	Lamp shades	3	3	35		3	32			
31	6	Lasts and related products	12	3	412	18	35	336	22	1	
32	12	Leather goods not elsewhere classified	9	3	243	10	14	176	43		
33	12	Leather: tanned, curried, and finished—contract factories[5]	44	29	2,099	47	122	1,920	10		
34	12	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	72	21	7,748	68	554	7,030	76	20	
35	15	Lighting fixtures	13	12	302	11	37	249	5		
36	1	Liquors, rectified or blended[3]	10		243	9	20	160	54		
37	8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)[3]	23	9	1,267	34	158	979	90	6	
38	1	Macaroni, spaghetti, vermicelli, and noodles	7	7	210	7	3	80	26		94
39	8	Machine and hand typesetting (including advertisement typesetting)	16	10	479	22	50	380	27		
40	17	Machine-shop products, not elsewhere classified	75	45	1,569	75	213	1,142	110		29
41	17	Machine-shop repairs	28	22	121	11	13	96	1		
42	17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	16	14	470	19	58	357	21	1	14
43	17	Machine tools	11	2	667	20	150	479	13		5
44	1	Malt liquors	9		1,058	22	123	531	360	20	2
45	6	Mattresses and bedsprings	52	39	901	44	83	709	65		
46	17	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)[3]	4		1,040	9	208	706	117		
47	1	Meat packing, wholesale	19	12	2,352	15	276	1,686	365	1	9
48	17	Mechanical power-transmission equipment	5		715	12	139	525	39		
49	4	Men's and boys' hats and caps (except felt and straw)	19	23	116	11	11	85	9		
50	4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	4		145	6	6	117	16		
51	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	29	30	497	15	11	471			
52	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	84	30	4,441	79	205	3,992	127		38
53	4	Millinery	22	10	734	23	49	634	28		
54	6	Mirror frames and picture frames[5]	14	13	118	9	11	88	9		1
55	20	Miscellaneous fabricated products not elsewhere classified	22	10	330	18	38	242	31	1	
56	4	Miscellaneous fabricated textile products not elsewhere classified	19	16	947	14	60	775	98		
57	20	Models and patterns (except paper patterns)	31	27	289	20	19	227	23		
58	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	85	55	889	66	99	688	33	3	
59	14	Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills	5	2	146	6	11	124	5		
60	8	Newspapers: publishing and printing	83	30	7,493	96	2,412	4,041	935	1	8

See footnotes at end of table.

INDUSTRIAL AREAS, BY INDUSTRIES: 1939—Continued

Salaries and wages: Total [2]	Salaries of officers of corporations [2]	Manufacturing: Salaries [2]	Manufacturing: Wages	Distribution	Construction	Other	Cost of materials, supplies, fuel, purchased electric energy, and contract work: Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
BOSTON INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
413,768	95,081	89,769	219,410	9,508	-	-	603,208	578,532	2,092	9,444	13,140	1,417,328	814,120	1
27,399,407	1,686,184	2,782,575	21,813,927	1,088,113	13,399	15,209	41,706,067	40,926,591	134,660	356,648	288,168	78,665,466	36,959,399	2
(5)	(5)	(5)	(5)	(5)	-	-	(5)	(5)	(5)	(5)	(5)	(5)	(5)	3
352,153	87,294	33,146	145,121	85,592	1,000	-	389,940	366,560	2,640	8,662	12,078	749,444	359,504	4
145,953	30,805	21,015	84,442	9,691	-	-	126,106	106,404	9,375	8,524	1,803	330,659	204,553	5
429,161	80,520	60,102	198,291	90,248	-	-	473,275	454,520	3,537	6,638	8,580	1,417,010	943,735	6
6,054,235	693,802	825,586	4,117,698	411,949	5,200	-	5,241,669	4,573,149	48,101	161,434	458,985	15,323,470	10,081,801	7
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	8
2,049,120	264,954	391,003	1,181,797	169,531	41,835	-	4,763,852	4,232,096	475,204	56,552	-	8,514,433	3,750,581	9
2,174,621	173,829	267,240	1,644,169	46,520	39,027	3,836	1,414,586	1,156,292	167,709	67,087	23,498	4,306,226	2,891,640	10
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	-	(5)	(5)	11
168,245	31,094	21,924	99,057	16,170	-	-	70,558	63,856	2,040	3,010	1,652	369,082	298,524	12
(5)	(5)	(5)	(5)	(5)	-	-	(5)	(5)	(5)	(5)	(5)	(5)	(5)	13
(5)	(5)	(5)	(5)	(5)	-	-	(5)	(5)	(5)	(5)	(5)	(5)	(5)	14
597,495	93,034	72,910	398,309	33,242	-	-	572,793	544,160	9,167	7,479	11,987	1,442,988	870,195	15
(5)	-	(5)	(5)	(5)	-	-	(5)	(5)	(5)	(5)	(5)	(5)	(5)	16
(5)	(5)	(5)	(5)	(5)	-	-	(5)	(5)	(5)	(5)	(5)	(5)	(5)	17
373,836	103,170	16,056	208,740	45,870	-	-	1,095,822	1,069,665	5,108	8,162	12,887	1,777,487	681,665	18
1,971,917	238,148	175,540	1,403,275	154,954	-	-	2,590,783	2,471,019	39,591	57,699	22,474	5,760,027	3,169,244	19
1,154,467	167,093	120,255	478,976	374,606	10,729	2,808	4,384,049	4,221,018	25,411	137,620	-	8,336,660	3,952,611	20
498,145	31,000	61,421	317,618	79,130	-	8,976	553,298	103,777	44,313	405,208	-	2,880,630	2,327,332	21
(5)	(5)	(5)	(5)	(5)	-	-	(5)	(5)	(5)	(5)	-	(5)	(5)	22
2,247,561	274,779	453,042	1,275,841	224,081	19,318	500	1,288,223	1,199,401	32,852	52,707	3,263	4,841,897	3,553,674	23
334,849	89,095	46,204	104,437	95,113	-	-	684,682	669,521	7,302	7,859	-	1,328,769	644,087	24
(5)	(5)	(5)	(5)	(5)	(5)	-	(5)	(5)	(5)	(5)	-	(5)	(5)	25
188,803	37,271	16,085	111,568	17,029	-	6,850	284,934	274,512	1,567	3,610	5,245	611,912	326,978	26
1,379,887	213,375	179,324	926,353	60,835	-	-	4,595,226	4,211,859	50,975	34,059	298,333	6,841,796	2,246,570	27
(5)	(5)	(5)	(5)	(5)	-	-	(5)	(5)	(5)	(5)	(5)	(5)	(5)	28
1,092,638	157,515	81,153	545,079	300,779	3,276	4,836	786,070	748,862	25,420	7,780	4,008	2,142,104	1,356,034	29
31,235	-	3,306	27,929	-	-	-	28,458	27,938	146	374	-	75,619	47,161	30
644,413	53,712	63,097	469,627	55,965	2,012	-	337,770	315,362	4,321	17,962	125	1,192,837	855,067	31
251,245	45,272	17,301	138,218	50,454	-	-	170,559	162,275	2,515	4,898	871	528,975	358,416	32
2,553,491	215,579	189,325	2,127,423	21,164	-	-	1,886,327	1,581,116	133,358	84,779	87,074	5,125,163	3,238,836	33
11,402,301	715,550	1,169,477	9,295,502	197,105	24,667	-	40,433,730	35,401,268	528,357	196,823	4,307,282	59,908,267	19,474,537	34
344,441	39,176	49,054	238,588	17,623	-	-	569,051	537,829	8,273	12,152	10,797	1,187,410	618,359	35
656,684	116,896	41,638	196,043	302,107	-	-	565,434	536,076	12,793	16,565	-	1,479,944	914,510	36
2,255,665	206,094	367,785	1,395,522	273,479	12,785	-	2,098,981	1,835,578	14,055	38,698	210,650	5,447,433	3,348,452	37
(5)	(5)	(5)	(5)	(5)	-	(5)	(5)	(5)	(5)	(5)	-	(5)	(5)	38
798,352	119,312	108,962	515,592	54,486	-	-	150,256	94,777	3,158	15,999	36,322	1,125,753	975,497	39
2,658,073	413,972	427,782	1,589,311	185,752	-	41,256	2,133,638	1,936,965	49,028	80,398	67,247	5,914,353	3,780,715	40
173,848	24,362	12,076	136,110	1,300	-	-	108,840	100,813	1,409	6,249	369	440,036	331,196	41
782,695	80,093	106,414	460,668	112,080	866	22,574	325,314	291,985	10,012	19,132	4,185	1,498,679	1,173,365	42
(5)	(5)	(5)	(5)	(5)	-	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	43
2,257,563	230,509	288,635	910,763	764,475	60,781	2,400	2,443,931	2,248,352	144,919	50,660	-	7,568,192	5,124,261	44
1,163,712	199,605	123,933	709,147	130,005	-	1,022	2,684,258	2,632,336	12,340	33,082	6,500	4,870,143	2,185,885	45
1,682,342	129,120	419,801	894,822	238,599	-	-	1,469,857	1,421,549	25,496	20,612	2,200	5,052,763	3,582,906	46
4,029,553	117,490	503,844	2,619,634	775,221	1,612	11,752	31,075,233	30,755,515	200,389	119,329	-	36,429,423	5,354,190	47
1,363,069	148,066	270,675	852,610	91,718	-	-	698,409	638,474	9,546	34,792	15,597	2,751,991	2,053,582	48
121,766	27,057	9,581	74,408	10,720	-	-	192,243	188,223	419	2,995	606	405,127	212,884	49
109,066	21,659	7,546	62,725	17,136	-	-	196,911	194,023	965	1,923	-	511,820	314,909	50
492,778	31,672	12,982	448,124	-	-	-	95,273	70,980	1,452	6,827	16,014	729,762	634,489	51
5,609,689	544,149	378,380	4,332,560	321,929	-	32,671	12,393,227	10,639,223	19,336	55,755	1,678,913	20,460,119	8,066,892	52
763,370	100,440	87,020	528,846	47,064	-	-	1,257,608	1,236,110	6,762	14,642	94	2,491,802	1,234,194	53
143,464	14,817	21,038	92,156	14,670	-	783	468,949	161,494	3,365	3,861	229	433,688	264,739	54
382,016	95,233	52,468	194,918	38,095	1,302	-	438,267	410,938	5,877	8,500	12,952	1,081,983	643,716	55
1,091,491	60,805	91,056	774,966	164,664	-	-	1,939,241	1,909,384	10,420	19,437	-	3,184,185	1,244,944	56
569,567	88,934	33,618	391,461	55,554	-	-	107,263	96,541	2,264	8,216	242	974,838	867,575	57
1,359,744	193,923	154,591	952,222	56,787	2,221	-	962,784	783,591	38,053	87,525	53,615	3,082,793	2,120,009	58
279,932	80,100	39,010	142,861	17,961	-	-	396,825	380,149	3,523	11,757	1,396	870,817	473,992	59
16,108,141	671,253	5,627,797	7,906,966	1,887,046	1,785	13,294	10,253,202	8,966,629	98,611	262,801	925,161	35,629,762	25,376,560	60

TABLE 9.—GENERAL STATISTICS FOR

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [1]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
		BOSTON INDUSTRIAL AREA—Continued									
1	8	Newspapers: publishing without printing [4]	30	12	117	17	78	1	21		
2	1	Nonalcoholic beverages	88	57	1,280	62	131	570	506	1	10
3	15	Nonferrous metal foundries, except aluminum	24	20	185	12	14	157	2		
4	15	Nonferrous metal products not elsewhere classified	46	12	134	9	14	97	14		
5	6	Office furniture	7	1	208	7	19	167	15		
6	14	Oil burners, domestic and industrial	8	1	93	11	13	62	7		
7	20	Ophthalmic goods: lenses and fittings	4		438	8	25	350	39	16	
8	20	Organs	3	2	102	3	10	79	10		
9	9	Paints, varnishes, and lacquers	36	6	1,148	54	127	614	339	5	9
10	7	Paper and paperboard mills	13	1	2,285	12	188	1,882	73	130	
11	7	Paperboard containers and boxes not elsewhere classified	68	24	4,288	84	376	3,478	320	26	4
12	17	Paper mill, pulp mill, and paper-products machinery	9	4	606	17	54	465	67	3	
13	6	Partitions, shelving, cabinet work, and office and store fixtures	24	23	368	13	26	294	33		2
14	10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	14	3	172	3	17	145	1	6	
15	20	Pencils (except mechanical) and crayons	4	3	47	3	5	39			
16	9	Perfumes, cosmetics, and other toilet preparations	13	3	80	11	12	50	7		
17	8	Periodicals: publishing and printing	8	3	256	7	62	151	36		
18	8	Periodicals: publishing without printing	66	10	887	82	441	6	358		
19	10	Petroleum refining	3		813		180	594	27	12	
20	8	Photoengraving, not done in printing establishments (including preparation of plates)	24	14	420	36	48	291	45		
21	1	Pickled fruits and vegetables and vegetable sauces and seasonings	8	4	178	9	17	116	35	1	
22	7	Planing mills not operated in conjunction with sawmills	54	31	735	54	68	523	82		8
23	13	Pottery products not elsewhere classified	3	1	82	1	2	68	11		
24	1	Poultry dressing and packing, wholesale	13	7	168	11	11	139	6	1	
25	14	Power boilers and associated products	12	1	345	27	34	270	13		1
26	1	Prepared feeds (including mineral) for animals and fowls	12	5	344	15	24	207	55	9	34
27	1	Preserves, jams, jellies, and fruit butters	15	1	387	14	36	279	50		8
28	3	Processed waste and recovered wool fibers—contract factories	11	3	265	7	18	239	1		
29	3	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	19	10	730	26	57	629	18		
30	20	Professional and scientific instruments (except surgical and dental)	14	2	318	19	41	241	17		
31	6	Public building furniture	7	4	53	6	6	40	1		
32	17	Pumping equipment and air compressors	11	6	392	17	56	281	35		3
33	16	Radios, radio tubes, and phonographs	9		3,286	16	310	2,824	68	64	4
34	3	Rayon broad woven goods—regular factories or jobbers engaging contractors	5	2	1,861	3	102	1,742	14		
35	3	Rayon narrow fabrics	3	1	257	4	12	223	18		
36	17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	6	2	41	2	7	30	1		1
37	4	Robes, lounging garments, and dressing gowns	3	1	49	1	6	41	1		
38	11	Rubber boots and shoes (including rubber-soled footwear with fabric uppers)	4		6,507	12	921	5,271	300	2	1
39	11	Rubber products not elsewhere classified	48	10	6,592	67	622	5,321	456	121	5
40	1	Salad dressings	4	1	152	6	15	79	49		3
41	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	35	22	1,039	31	77	744	183	2	2
42	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	10	12	205	4	16	178	7		
43	14	Saws	5	6	17			12	5		
44	14	Screw-machine products and wood screws	12	9	286	8	43	234	1		
45	17	Sewing machines, domestic and industrial	3	1	203	3	46	123	31		
46	15	Sheet-metal work not specifically classified	56	30	731	50	59	570	50		2
47	20	Signs, advertising displays, and advertising novelties	37	25	538	21	89	374	54		
48	3	Silk yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	3		522	5	35	481	1		
49	15	Silverware and plated ware	9	1	420	15	64	294	47		
50	12	Small leather goods	6	3	440	4	18	390	28		
51	9	Soap and glycerin	19	2	2,064	21	497	1,456	89	1	
52	17	Special-industry machinery, not elsewhere classified	26	9	3,210	20	659	2,468	63		
53	20	Sporting and athletic goods not elsewhere classified	12	8	217	10	25	171	9	2	
54	14	Stamped and pressed-metal products (except automobile stampings)	19	8	767	24	77	627	35	4	
55	13	Statuary and art goods (except stone and concrete)—factory production [6]	8	4	90	12	5	70	3		
56	13	Steam and other packing, pipe and boiler covering	5	1	65	6	8	51			
57	14	Steel castings	8		336	4	57	266	8	1	
58	14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	8	2	536	13	39	445	39		
59	12	Suitcases, brief cases, bags, trunks, and other luggage	14	10	327	12	16	293	6		
60	20	Surgical and medical instruments	8		280	23	60	173	24		
61	20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	18	7	855	10	100	552	193		
62	9	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	7	7	222	21	44	108	46	2	1
63	17	Textile machinery	18	11	1,363	39	124	1,072	115	6	7
64	14	Tin cans and other tinware not elsewhere classified [6]	8	1	559	9	99	413	36	2	
65	2	Tobacco (chewing and smoking) and snuff	3	2	28	6	2	18	2		

See footnotes at end of table.

INDUSTRIAL AREAS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [1]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
BOSTON INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
188,681	43,864	108,922	1,308	34,587	----	----	326,236	17,495	244	856	307,641	683,964	357,728	1
1,903,815	259,840	194,723	630,020	795,931	1,281	22,020	2,765,756	2,662,722	45,480	56,254	1,300	7,302,874	4,537,118	2
283,269	29,262	25,298	217,358	11,351	----	----	438,951	406,567	23,098	9,063	223	868,511	429,560	3
214,598	34,627	21,630	122,683	35,658	----	----	372,406	361,793	2,464	6,518	1,631	751,116	378,710	4
211,014	22,190	28,564	140,853	19,407	----	----	179,756	164,942	11,518	3,296	----	487,479	307,723	5
160,491	47,820	13,814	89,557	9,300	----	----	172,365	164,595	2,374	3,168	2,228	368,204	195,839	6
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	7
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	8
2,069,154	401,107	236,553	741,546	673,711	5,827	10,410	5,599,352	5,480,557	51,895	66,900	----	10,642,654	5,043,302	9
3,483,377	152,276	438,555	2,503,161	154,184	235,201	----	8,428,338	6,773,820	1,291,840	362,678	----	14,161,922	5,733,584	10
5,438,800	513,154	686,476	3,590,914	596,763	40,268	11,225	12,290,212	12,031,062	111,397	129,732	18,021	21,402,770	9,112,558	11
1,051,070	139,846	123,323	619,724	163,383	4,794	----	1,050,455	1,004,082	21,104	25,269	----	2,703,720	1,653,265	12
558,624	52,104	35,751	411,802	56,871	----	2,096	762,459	744,626	3,390	11,255	3,188	1,611,000	848,541	13
276,439	8,877	35,989	219,673	3,900	8,000	----	1,214,454	1,144,206	45,472	22,534	2,242	2,049,469	835,015	14
(5)	(5)	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	15
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	16
519,710	41,044	126,700	248,307	103,659	----	----	234,290	215,008	1,754	11,026	6,502	1,039,691	805,401	17
1,501,384	430,321	654,392	5,672	410,999	----	----	2,126,276	474,605	2,430	3,226	1,646,015	5,088,513	2,962,237	18
(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	19
975,270	192,344	70,077	608,444	104,405	----	----	175,862	138,515	1,719	19,037	16,591	1,464,217	1,288,355	20
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	21
1,086,871	167,970	113,318	667,049	131,164	----	7,370	1,352,034	1,217,941	10,936	56,082	67,075	2,970,430	1,618,396	22
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	23
158,227	26,840	11,532	105,247	14,208	400	----	1,825,298	1,811,267	7,830	6,201	----	2,105,045	279,747	24
618,978	141,707	63,237	386,031	26,481	----	1,522	863,868	793,348	12,276	20,153	38,091	1,681,942	818,074	25
531,273	100,800	45,373	229,729	109,570	8,038	37,763	4,758,116	4,665,508	38,616	53,992	----	6,119,811	1,361,695	26
511,478	60,865	62,630	257,603	114,750	1,392	14,238	3,148,411	3,114,555	24,429	9,427	----	4,518,043	1,369,632	27
282,324	29,800	27,836	223,988	700	----	----	118,194	58,670	23,469	31,524	4,531	592,577	474,383	28
897,045	166,008	99,147	584,586	47,304	----	----	4,675,663	4,515,936	57,975	57,343	44,409	6,163,570	1,487,907	29
474,614	90,376	75,690	280,268	28,280	----	----	350,805	337,710	2,900	7,753	2,442	1,074,956	724,151	30
72,273	14,280	8,288	49,175	530	----	----	68,042	53,479	2,159	2,911	9,493	173,426	105,384	31
(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	32
3,418,897	132,403	576,748	2,418,368	160,962	126,100	4,316	3,793,014	3,647,067	43,982	93,106	8,859	9,209,244	5,416,230	33
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	34
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	35
52,710	9,640	9,941	31,315	1,034	----	780	65,048	61,495	1,768	1,282	503	137,296	72,248	36
37,704	4,063	7,596	24,567	1,478	----	----	121,165	99,164	----	598	21,403	189,363	68,198	37
8,538,239	102,293	1,460,015	6,301,234	668,187	3,270	3,240	6,733,732	6,271,060	168,347	286,206	8,119	19,304,073	12,570,341	38
8,254,119	602,609	1,078,181	5,293,657	1,124,419	147,182	8,071	17,944,038	16,934,676	458,283	417,643	133,436	33,278,465	15,334,427	39
(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	40
1,398,583	174,354	127,810	810,452	278,678	4,262	3,027	9,938,052	9,825,227	52,341	60,484	----	12,863,984	2,925,932	41
246,572	33,350	21,068	183,969	8,185	----	----	770,325	747,656	5,851	8,290	8,528	1,284,264	513,939	42
20,714	----	----	14,456	6,258	----	----	19,362	16,904	750	1,223	485	60,089	40,727	43
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	44
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	45
1,086,584	195,764	99,058	699,278	90,751	----	1,733	1,320,812	1,261,877	17,585	23,547	17,803	2,976,931	1,656,119	46
753,133	78,079	120,367	443,677	111,010	----	----	727,981	686,693	5,637	12,833	22,818	1,889,881	1,161,900	47
(5)	(5)	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	48
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	49
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	50
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	51
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	52
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	53
990,756	78,316	135,238	719,911	53,561	3,730	----	971,515	905,511	24,750	25,441	15,813	2,456,813	1,485,298	54
104,095	20,242	5,427	75,686	2,740	----	----	122,869	119,223	1,598	2,048	----	337,584	214,715	55
(5)	(5)	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	56
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	57
845,314	129,643	62,171	591,073	62,427	----	----	995,250	862,908	58,618	28,680	45,044	2,165,686	1,170,436	58
284,992	51,918	19,583	207,926	5,565	----	----	501,126	495,762	614	3,605	1,145	972,045	470,919	59
384,334	107,508	86,381	164,651	25,794	----	----	411,721	404,677	1,903	4,763	378	1,022,807	611,086	60
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	61
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	62
1,818,299	254,001	238,939	1,121,204	191,202	5,977	6,976	2,157,125	2,072,341	37,807	39,218	7,759	4,949,085	2,791,960	63
740,596	69,920	163,898	436,284	62,046	8,448	----	2,439,422	2,383,702	19,044	24,562	12,114	3,895,951	1,456,529	64
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	65

TABLE 9.—GENERAL STATISTICS FOR

		INDUSTRY	Number of establishments	Proprietors and firm members	PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS: Total [2]	Salaried officers of corporations [3]	Manufacturing: Salaried employees [4]	Manufacturing: Wage earners (average for year) [5]	Distribution	Construction	Other
		BOSTON INDUSTRIAL AREA Continued									
1	14	Files (except edge tools, machine tools, files, and saws)	16	8	469	17	69	289	34		
2	4	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories [3]	10	12	207	3	7	191	4		2
3	4	Dresses (except house), wash suits, and washable service apparel	15	15	425	8	12	394	11		
4	7	Upholstered household furniture	14	5	696	3	44	572	19		8
5	4	Window and door screens and weather strip	12	10	79	4	4	63	8		
6	6	Window shades	17	19	121	3	6	66	46		
7	14	Ironwork not elsewhere classified	18	8	532	17	35	457	23		
8	10	Wiring devices and supplies	6	1	601	10	56	514	21		
9	4	Women's and misses' blouses and waists—made in contract factories	3	3	67		1	66			
10	4	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors [3]	11	6	340	10	17	300	13		
11	4	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	3	1	108	3	3	98	4		
12	4	Women's and misses' dresses (except house dresses)—made in contract factories	36	45	908	8	11	888			1
13	4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	49	15	2,578	72	125	2,253	127		1
14	4	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics	4	5	64	1	3	58	2		
15	4	Women's, children's, and infants' underwear and nightwear of knitted fabrics	7	4	367	7	14	341	5		
16	4	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	10	7	284	11	10	254	9		
17	12	Women's pocketbooks, handbags, and purses	5	3	111	7	6	89	9		
18	6	Wooden boxes (except cigar boxes)	14	3	447	13	37	374	12		11
19	6	Wood products not elsewhere classified	23	15	547	18	39	466	24		
20	17	Woodworking machinery	4	1	182	5	19	146	12		
21	3	Woolen and worsted manufactures—contract factories	13	2	1,797	20	86	1,649	29	11	2
22	3	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	47	3	30,182	47	1,468	28,623	35	3	6
23	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	35	26	1,272	23	74	1,118	53		4
24		Other industries [6]	1,087	435	80,870	1,128	10,806	63,117	4,583	780	456
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]									
25	1	Food and kindred products	99	36	6,445	84	625	4,764	623	180	169
26	2	Tobacco manufactures	14	9	260	14	20	207	19		
27	3	Textile-mill products and other fiber manufactures	86	26	10,051	96	666	9,058	223	6	2
28	4	Apparel and other finished products made from fabrics and similar materials	194	102	7,712	192	374	6,726	419		1
29	6	Furniture and finished lumber products	11	6	170	9	19	133	9		
30	7	Paper and allied products	23	6	1,036	26	100	850	49		11
31	8	Printing, publishing, and allied industries	55	20	4,216	72	1,106	2,642	396		
32	9	Chemicals and allied products	103	22	4,307	91	753	2,826	409	207	21
33	10	Products of petroleum and coal	10	1	2,284	2	270	1,859	126	27	
34	12	Leather and leather products	25	17	586	16	35	492	43		
35	13	Stone, clay, and glass products	42	15	977	36	92	771	63	15	
36	14	Iron and steel and their products, except machinery	118	50	5,921	144	823	4,490	354	21	89
37	15	Nonferrous metals and their products	36	18	3,761	49	298	3,007	330		77
38	16	Electrical machinery	41	13	10,924	48	2,679	7,684	238	202	73
39	17	Machinery (except electrical)	83	23	7,101	106	1,124	5,277	583		11
40	20	Miscellaneous industries	109	56	5,332	102	513	4,102	499	116	
41	18	Automobiles and automobile equipment	17	15	9,787	41	1,309	8,229	200	6	2
42	19	Transportation equipment except automobiles	21								
		PROVIDENCE-FALL RIVER-NEW BEDFORD INDUSTRIAL AREA									
43		All industries, total	2,036	1,203	174,307	1,802	13,747	153,013	4,334	734	677
44	13	Abrasive wheels, stones, paper, cloth, and related products	3	1	76	3	8	55	10		
45	15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	8		1,984	12	259	1,597	92	18	6
46	3	Artificial leather and oilcloth	4		321	7	33	272	9		
47	8	Bookbinding and related industries	5	3	31	2	3	25	1		
48	8	Books, printing without publishing	9	6	171	15	33	116	7		
49	12	Boot and shoe cut stock and findings	11	4	393	8	48	332	5		
50	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	246	251	2,805	35	195	2,300	239	3	33
51	20	Brooms	4	3	17	1	3	11	2		
52	3	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	4	5	127		7	120			
53	9	Chemicals not elsewhere classified	8	2	243	13	24	135	32	3	36
54	2	Cigars	5	5	33		1	31	1		
55	9	Cleaning and polishing preparations, blackings, and dressings	3	2	105	3	13	68	21		
56	4	Coats, suits, and skirts (except fur coats)—made in contract factories	3	3	126	1	7	118			
57	14	Cold-rolled steel sheets and strip and cold finished steel bars made in plants not operated in connection with hot-rolling mills	3		312	9	55	219	9	20	
58	15	Concrete products	10	2	119	9	9	93	7		1

See footnotes at end of table.

INDUSTRIAL AREAS, BY INDUSTRIES: 1939—Continued

Salaries and wages: Total [2]	Salaries of officers of corporations [2]	Manufacturing: Salaries [2]	Manufacturing: Wages	Distribution	Construction	Other	Cost of materials, supplies, fuel, purchased electric energy, and contract work: Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
BOSTON INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
633,279	73,695	132,999	374,476	52,109	.....	.....	711,701	647,692	19,582	33,020	11,407	1,873,538	1,161,837	1
168,797	18,600	8,238	136,614	2,378	.....	2,967	40,544	34,943	693	4,908	.....	322,903	282,359	2
480,589	54,302	24,275	379,141	22,871	.....	.....	1,177,724	1,012,594	2,863	4,938	157,329	1,844,978	667,254	3
921,558	220,909	56,095	597,133	39,408	.....	8,013	1,599,118	1,584,026	2,126	11,716	1,250	2,924,923	1,325,805	4
88,000	7,387	4,815	67,751	8,047	.....	.....	183,126	179,228	756	3,092	50	341,872	158,746	5
167,462	19,700	8,448	65,010	74,304	.....	.....	309,323	303,292	1,600	3,401	1,030	598,838	289,515	6
560,367	79,385	58,172	390,401	32,409	.....	.....	735,528	705,792	5,642	19,068	5,026	1,769,554	1,034,026	7
760,674	106,767	134,111	490,005	29,791	.....	.....	724,944	687,698	19,401	17,845	.....	2,194,450	1,469,506	8
(5)	.....	(5)	(5)	.....	.....	.....	(5)	(5)	.....	(5)	.....	(5)	(5)	9
304,901	27,180	17,833	244,209	15,679	.....	.....	732,966	664,409	.	5,027	63,530	1,247,196	514,230	10
(5)	(5)	(5)	(5)	(5)	.....	.....	(5)	(5)	.....	(5)	.....	(5)	(5)	11
921,397	38,726	16,537	865,889	.....	.....	245	133,521	114,517	1,522	16,914	568	1,277,341	1,143,820	12
(5)	(5)	(5)	(5)	(5)	.....	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	13
(5)	(5)	(5)	(5)	(5)	.....	.....	(5)	(5)	.....	(5)	(5)	(5)	(5)	14
(5)	(5)	(5)	(5)	(5)	.....	.....	(5)	(5)	.....	(5)	(5)	(5)	(5)	15
268,887	44,454	13,366	193,347	17,720	.....	.....	685,278	653,613	275	4,863	26,527	1,116,386	431,108	16
125,152	19,830	13,248	71,814	20,260	.....	.....	215,054	213,739	548	767	.....	406,106	191,052	17
519,469	63,030	61,638	355,467	21,057	.....	18,277	742,235	722,534	11,629	8,072	.....	1,508,876	766,641	18
603,260	71,311	69,448	441,021	21,480	.....	.....	764,973	742,432	4,642	14,287	3,612	1,737,555	972,582	19
(5)	(5)	(5)	(5)	(5)	.....	.....	(5)	(5)	(5)	(5)	(5)	(5)	(5)	20
2,285,815	238,243	209,236	1,775,265	42,819	15,142	5,110	572,005	336,923	165,517	66,305	3,260	3,914,956	3,342,951	21
30,571,000	359,985	2,712,615	27,380,702	104,064	5,076	8,558	77,332,930	73,999,600	1,959,512	373,065	1,000,753	121,296,353	43,963,423	22
1,203,080	77,324	110,471	898,638	112,152	.....	4,495	2,432,139	2,331,655	31,201	19,983	49,300	4,361,363	1,929,224	23
118,853,952	6,759,896	21,887,661	79,076,368	9,404,922	1,146,390	578,715	247,789,328	235,143,086	4,955,575	2,909,849	4,780,818	473,269,125	225,479,797	24
8,629,707	428,823	1,116,318	5,547,312	1,119,440	244,745	173,069	48,104,755	47,162,080	714,358	228,317	.....	67,404,215	19,299,460	25
333,278	97,340	27,029	167,864	41,045	.....	.....	680,227	673,046	2,802	4,379	.....	1,217,587	537,360	26
11,167,360	724,591	1,234,575	8,570,023	626,687	10,000	1,484	22,917,800	22,057,605	348,287	380,315	131,593	42,484,436	19,566,636	27
8,152,136	980,652	582,111	5,828,636	759,361	.....	1,376	19,909,610	17,731,152	9,640	109,707	2,059,111	32,624,187	12,714,577	28
166,888	26,704	24,201	103,184	12,799	.....	.....	246,443	239,889	2,395	3,072	1,087	480,164	233,721	29
1,381,573	153,189	185,609	900,273	127,945	.....	14,557	3,117,897	3,021,955	45,108	36,049	14,785	6,394,881	3,276,984	30
6,182,435	503,845	1,850,997	2,858,488	969,105	.....	.....	5,556,548	3,123,780	41,188	60,867	2,330,713	17,675,497	12,118,949	31
7,446,735	554,035	1,625,817	3,963,578	933,126	340,078	30,101	27,800,344	26,723,987	624,210	451,760	387	58,732,485	30,932,141	32
4,020,948	3,954	633,509	2,993,018	361,896	28,571	.....	31,595,706	30,171,655	1,132,790	286,938	4,323	39,720,326	8,124,620	33
629,278	96,883	61,123	396,661	74,611	.....	.....	1,112,368	1,091,418	3,973	9,803	7,174	2,170,031	1,057,663	34
1,441,658	197,353	163,683	943,627	112,651	24,344	.....	2,030,066	1,804,447	126,750	96,499	2,370	5,029,049	2,998,983	35
9,338,982	963,179	1,583,742	5,840,737	731,854	33,647	185,823	10,878,940	9,647,995	767,319	399,670	63,956	30,703,515	19,824,575	36
5,122,496	346,911	641,365	3,523,749	585,006	.....	25,465	6,153,359	6,019,275	65,145	65,415	3,524	14,433,095	8,279,736	37
19,559,934	387,865	6,205,067	11,986,203	530,661	318,663	131,475	14,753,269	13,979,936	526,297	233,725	13,311	51,313,271	36,560,002	38
11,706,130	668,659	1,997,498	8,039,050	987,643	.....	13,280	8,883,491	8,417,020	231,785	127,602	107,084	26,474,623	17,591,132	39
6,552,836	450,568	916,729	4,144,173	906,551	134,815	.....	11,663,284	11,388,266	120,415	146,509	8,094	22,899,975	11,236,691	40
17,021,578	175,345	3,038,288	13,269,792	524,541	11,527	2,085	32,385,221	31,889,580	193,113	269,222	33,306	53,511,788	21,126,567	41, 42
PROVIDENCE-FALL RIVER-NEW BEDFORD INDUSTRIAL AREA														
192,374,961	11,408,490	24,227,388	146,084,673	8,715,257	1,094,156	844,997	348,806,053	331,241,038	6,880,373	7,866,633	2,818,009	663,917,458	315,111,405	43
(5)	(5)	(5)	(5)	(5)	.....	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	44
3,032,589	143,160	477,074	2,164,713	207,756	32,833	7,053	12,697,051	12,333,730	172,234	164,807	26,280	18,646,469	5,949,418	45
388,895	50,008	55,168	266,413	17,306	.....	.....	1,463,598	1,232,186	35,316	21,115	174,981	2,134,055	670,457	46
36,732	6,580	4,072	21,780	4,300	.....	.....	24,844	23,388	216	844	396	80,452	55,608	47
317,818	76,270	66,040	163,838	11,670	.....	.....	289,769	277,673	1,155	5,634	5,307	776,812	487,043	48
495,679	29,402	112,849	348,800	4,628	.....	.....	973,591	934,822	10,517	23,271	4,981	2,406,836	1,433,245	49
3,703,160	145,968	365,747	2,860,609	264,396	2,078	64,362	6,538,807	6,217,538	196,615	124,654	.....	13,729,101	7,190,294	50
15,934	2,600	2,793	7,930	2,611	.....	.....	27,776	27,213	254	309	.....	54,567	26,791	51
97,521	.....	12,887	84,634	.....	.....	.....	143,747	134,325	.....	3,383	6,039	284,437	140,690	52
355,960	50,128	49,257	173,785	34,318	3,623	44,849	626,517	520,001	48,338	58,178	.....	1,195,964	569,447	53
22,599	.....	1,300	19,999	1,300	.....	.....	45,381	44,397	717	267	.....	84,767	39,386	54
(5)	(5)	(5)	(5)	(5)	.....	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	55
75,090	2,080	5,280	67,730	.....	.....	.....	4,916	3,076	473	1,367	.....	112,266	107,350	56
(5)	(5)	(5)	(5)	(5)	(5)	.....	(5)	(5)	(5)	(5)	(5)	(5)	(5)	57
167,140	22,609	10,124	122,363	10,738	.....	1,306	409,822	397,225	3,603	8,994	.....	792,713	382,891	58

TABLE 9.—GENERAL STATISTICS FOR

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [2]	Distribution	Construction	Other
		PROVIDENCE-FALL RIVER-NEW BEDFORD INDUSTRIAL AREA—Con.									
1	20	Costume jewelry and costume novelties (jewelry other than fine jewelry) [c]	110	83	8,680	94	709	7,689	139	49	...
2	3	Cotton broad woven goods	42	1	22,981	50	695	22,136	45		55
3	3	Cotton narrow fabrics	42	21	3,308	42	242	2,973	41		10
4	3	Cotton thread	7	2	5,124	7	415	4,680	22		...
5	3	Cotton yarn	11	...	4,534	22	137	4,368	7		...
6	4	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	15	9	988	10	56	892	30		...
7	7	Die-cut paper and paperboard, and converted cardboard	3	...	160	5	19	136			...
8	9	Drugs and medicines (including drug grinding)	4	1	40	3	10	14	13		...
9	3	Dyeing and finishing cotton, rayon, silk, and linen textiles	38	...	8,621	62	946	7,481	119	12	1
10	15	Electroplating, plating, and polishing	23	18	248	6	16	223	2	1	...
11	15	Engraving on metal (except for printing purposes)	8	8	66	1	4	61			
12	8	Engraving (steel, copperplate, and wood); plate printing	11	8	149	10	6	131	2		
13	20	Fabricated plastic products, not elsewhere classified	4	2	209	6	8	193	2		
14	14	Fabricated structural steel and ornamental metalwork, made in plants not operated in connection with rolling mills	6	5	143	5	27	98	13		
15	7	Fiber cans, tubes, and similar products	7	6	644	8	56	570	9		1
16	1	Flavoring extracts and flavoring sirups, not elsewhere classified	6	2	27	6	7	10	4		
17	12	Footwear (except rubber)	5	1	456	5	36	413	2		
18	8	General commercial (job) printing	76	58	659	51	81	489	38		
19	16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	3	...	60	7	9	43	1		...
20	14	Gray-iron and semisteel castings	12	18	403	8	16	377	1	1	...
21	20	Hand stamps, stencils, and brands	5	1	56	7	5	29	15		...
22	4	House dresses, uniforms, and aprons—made in contract factories	4	2	347	1	11	334		1	...
23	4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	6	4	2,323	6	66	2,178	59		14
24	4	Housefurnishings (except curtains, draperies, and bedspreads)	3	1	255		20	235			
25	1	Ice cream and ices	39	34	271	16	22	139	56		38
26	1	Ice, manufactured	18	8	143	8	17	78	40		
27	9	Insecticides, fungicides, and related industrial and household chemical compounds	3		28	3	6	15	4		
28	16	Insulated wire and cable	10	2	1,765	9	187	1,502	28	39	
29	15	Jewelers' findings and materials [a]	63	37	2,823	74	265	2,355	123	4	2
30	15	Jewelry (precious metals) [b]	94	46	5,194	116	654	4,239	170	12	3
31	3	Knitted cloth	6	4	185	10	17	155	2	1	
32	3	Lace goods	9	3	831	9	52	748	22		
33	1	Macaroni, spaghetti, vermicelli, and noodles	10	11	55	3	5	37	8	1	1
34	8	Machine and hand typesetting (including advertisement typesetting)	3	3	45	7	5	32	1		
35	17	Machine-shop products, not elsewhere classified	20	12	955	14	34	813	92		2
36	17	Machine-shop repairs	20	23	108	6	14	87	1		
37	17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	18	5	1,924	28	232	1,429	157	2	76
38	17	Machine tools	3		4,706	22	855	3,258	176	176	219
39	1	Malt liquors	6		649	15	47	425	161		1
40	6	Mattresses and bedsprings	8	6	175	13	9	138	14		1
41	17	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	3		422	6	82	286	48		
42	1	Meat packing, wholesale	5	9	60	3	2	40	15		
43	17	Mechanical power-transmission equipment	3		104	6	13	80	2		3
44	4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	5	1	1,774	3	57	1,711	3		
45	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	6	4	947	8	35	863	35	6	
46	4	Millinery	3		82	3	9	69	1		
47	20	Miscellaneous fabricated products not elsewhere classified	15	13	1,111	11	128	951	21		
48	20	Models and patterns (except paper patterns)	8	9	48		6	42			
49	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	7	3	82	11	12	52	7		
50	8	Newspapers: publishing and printing	17	8	1,455	25	598	673	159		
51	1	Nonalcoholic beverages	40	34	443	23	49	176	177		18
52	15	Nonferrous-metal foundries (except aluminum)	11	15	49	1	2	45	1		
53	20	Ophthalmic goods: lenses and fittings	10	2	899	22	89	753	25	10	
54	9	Paints, varnishes, and lacquers	13	1	273	15	52	153	50		3
55	7	Paperboard containers and boxes not elsewhere classified	26	14	1,194	25	114	1,008	41	2	4
56	6	Partitions, shelving, cabinet work, and office and store fixtures	3		49	5	5	35	4		
57	10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	5		64		9	33	22		
58	8	Periodicals: publishing without printing	4	2	18	1	9	1	7		
59	8	Photoengraving, not done in printing establishments (including preparation of plates)	8	5	104	8	18	72	6		
60	5	Planing mills not operated in conjunction with sawmills	20	10	356	23	46	266	17	2	2
61	1	Poultry dressing and packing, wholesale	4	5	15		1	14			
62	14	Power boilers and associated products	4	3	79	2	12	61	4		
63	3	Processed waste and recovered wool fibers—contract factories	3		106	1	10	95			
64	3	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	8	6	147	7	11	125	4		
65	3	Rayon broad woven goods—contract factories	8	6	651	6	18	627			

See footnotes at end of table.

INDUSTRIAL AREAS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
PROVIDENCE-FALL RIVER-NEW BEDFORD INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
8,117,676	646,278	1,025,228	6,055,930	318,845	71,395	----	8,431,450	8,126,666	59,205	118,012	127,567	20,720,510	12,289,060	1
21,398,333	397,140	1,323,208	19,476,265	151,812	----	49,908	27,748,551	25,392,702	792,029	1,559,646	4,174	58,115,984	30,367,433	2
3,307,063	239,218	382,748	2,589,212	87,760	----	8,125	4,702,583	4,451,345	86,176	146,106	18,956	9,697,773	4,995,190	3
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	4
3,803,703	138,534	267,191	3,376,898	21,080	----	----	6,493,736	6,019,797	83,600	390,339	----	11,515,729	5,021,993	5
676,414	48,935	69,399	481,521	76,659	----	----	3,528,200	3,476,340	441	10,227	41,192	4,689,082	1,160,882	6
(5)	(5)	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	7
63,246	15,893	15,299	10,532	21,522	----	----	51,476	49,140	1,832	504	----	159,281	107,805	8
11,375,334	544,783	1,905,744	8,577,637	329,772	15,278	2,120	13,655,654	12,130,255	1,248,578	274,852	1,969	29,882,090	16,226,436	9
293,176	38,530	27,192	223,074	2,880	1,500	----	194,747	177,567	5,464	10,603	1,113	726,493	531,746	10
105,467	9,298	5,845	90,324	----	----	----	10,610	6,084	708	822	2,996	169,588	158,978	11
210,985	22,232	7,786	177,099	3,868	----	----	19,591	14,196	1,614	3,140	641	272,464	252,873	12
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	13
269,680	28,648	56,580	156,858	27,594	----	----	369,892	359,019	2,777	6,683	1,413	830,474	460,582	14
671,428	53,018	77,082	520,571	19,613	----	1,144	509,187	443,970	50,248	14,969	----	1,369,295	860,108	15
44,141	17,558	8,980	9,427	8,176	----	----	138,076	136,146	1,349	581	----	247,361	109,285	16
432,815	23,038	45,616	352,184	11,977	----	----	841,618	833,904	1,660	6,054	----	1,438,471	596,853	17
868,859	164,976	105,211	545,604	53,068	----	----	768,911	673,071	10,458	25,462	59,920	2,185,796	1,416,885	18
91,627	26,656	18,535	41,686	4,750	----	----	174,850	171,866	1,570	1,414	----	363,207	188,357	19
576,182	50,555	31,791	491,236	780	1,820	----	380,245	270,357	43,659	14,396	51,833	1,181,452	801,207	20
79,538	18,050	6,941	40,411	14,136	----	----	34,289	29,744	480	1,441	2,624	245,816	211,527	21
241,396	2,080	23,376	214,120	----	1,820	----	24,755	19,623	640	4,492	----	347,725	322,970	22
(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	23
(5)	----	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	24
351,880	46,999	31,181	144,640	67,582	----	61,478	1,537,818	1,475,904	9,710	52,204	----	2,773,171	1,235,353	25
208,391	36,543	22,971	93,544	55,333	----	----	163,219	23,789	23,257	116,173	----	700,754	537,535	26
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	27
2,002,756	107,350	291,765	1,482,808	72,815	48,018	----	6,784,513	6,575,695	41,776	167,042	----	10,819,934	4,035,421	28
3,787,915	622,344	533,907	2,357,978	262,672	8,226	2,788	10,964,665	10,711,371	52,567	98,619	102,108	17,332,720	6,368,055	29
6,489,196	637,608	965,972	4,453,871	406,148	22,816	2,781	8,406,782	8,046,125	49,621	78,910	232,126	18,650,291	10,243,509	30
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	31
1,026,900	85,654	136,625	758,095	46,526	----	----	978,090	895,537	25,522	14,353	42,678	2,293,032	1,314,942	32
59,379	5,422	4,935	36,233	9,367	1,477	1,945	212,431	195,569	8,037	8,825	----	338,305	125,874	33
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	34
933,177	42,911	79,458	658,068	150,296	----	2,444	1,040,746	961,770	31,283	46,437	1,256	2,698,954	1,658,208	35
138,865	18,232	18,089	101,764	780	----	----	152,262	140,605	4,185	6,301	1,171	425,381	273,119	36
2,829,951	203,002	379,148	1,933,523	244,033	4,555	65,690	1,407,835	1,264,515	50,817	83,628	8,875	5,828,211	4,420,376	37
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	38
1,329,800	146,179	128,913	711,912	341,596	----	1,200	2,383,347	2,233,909	86,837	62,601	----	7,145,344	4,761,997	39
228,730	67,083	8,424	122,546	29,729	----	948	529,983	521,634	1,595	6,754	----	894,696	364,713	40
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	41
67,995	10,400	2,444	36,814	18,337	----	----	869,793	859,119	3,939	6,735	----	1,049,525	179,732	42
(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	43
1,325,168	37,682	83,157	1,198,029	6,300	----	----	3,106,533	3,034,733	1,506	14,339	55,955	4,808,685	1,702,152	44
813,354	30,070	59,539	657,833	57,540	8,372	----	1,842,312	1,821,597	800	10,799	9,116	3,030,215	1,187,903	45
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	46
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	47
70,447	----	7,938	62,509	----	----	----	30,747	27,396	1,281	1,370	700	143,885	113,138	48
111,787	29,145	15,420	56,873	10,349	----	----	80,964	69,258	552	10,139	1,015	231,940	150,976	49
3,084,633	165,504	1,207,686	1,417,895	293,548	----	----	1,448,404	1,238,587	16,946	58,045	134,826	7,373,862	5,925,458	50
616,373	43,881	92,783	171,562	290,831	----	17,316	855,462	821,380	16,377	16,505	1,200	1,992,055	1,136,593	51
61,259	3,176	3,758	53,171	1,154	----	----	118,572	110,104	6,406	1,584	478	230,955	112,383	52
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	53
623,887	124,996	131,983	189,303	173,364	----	4,241	1,703,244	1,675,861	12,521	14,862	----	2,880,500	1,177,256	54
1,263,249	150,704	165,167	818,199	117,861	2,033	9,285	1,767,064	1,711,586	10,614	21,442	23,422	3,822,108	2,055,044	55
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	56
110,431	----	22,218	41,827	46,386	----	----	379,551	344,289	24,194	11,068	----	734,913	355,362	57
21,631	2,500	9,989	2,154	6,988	----	----	20,647	970	----	58	19,619	89,416	68,769	58
210,176	32,028	26,245	132,856	19,047	----	----	46,623	40,121	1,049	4,611	842	383,487	336,864	59
466,986	73,398	57,134	306,382	25,371	2,223	2,478	894,728	850,540	8,672	24,045	11,471	1,516,961	622,233	60
12,567	----	676	11,891	----	----	----	91,808	89,333	1,391	1,084	----	119,987	28,179	61
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	62
(5)	(5)	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	63
151,361	31,085	18,920	93,071	8,285	----	----	1,014,694	997,871	1,238	11,735	3,850	1,280,855	266,161	64
472,340	13,234	16,653	442,453	----	----	----	83,871	30,735	264	45,967	6,905	645,296	561,425	65

TABLE 9.—GENERAL STATISTICS FOR

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
		PROVIDENCE-FALL RIVER-NEW BEDFORD INDUSTRIAL AREA—Con.									
1	3	Rayon broad woven goods—regular factories or jobbers engaging contractors	17	.....	11,124	28	409	10,611	76	.....	.....
2	3	Rayon narrow fabrics	3	.....	320	6	26	286	1	.	1
3	3	Rayon yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	5	3	636	4	58	566	3	5	..
4	4	Robes, lounging garments, and dressing gowns	5	6	541	6	21	491	23	..	. .
5	11	Rubber products not elsewhere classified	13	..	5,231	29	651	4,326	110	52	63
6	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	36	31	158	9	11	106	32		.....
7	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	6	2	109	2	2	100	2	.....	3
8	15	Sheet-metal work not specifically classified	13	5	121	12	16	84	7	5	
9	19	Shipbuilding and ship repairing	5	2	240	6	14	216	4	.. ..	
10	20	Signs, advertising displays, and advertising novelties	10	9	40	2	7	31	.....	.	
11	3	Silk broad woven goods—contract factories	3	1	89	1	4	84	.....	..	.....
12	3	Silk broad woven goods—regular factories or jobbers engaging contractors	4		246	3	12	230	1	.....	.. .
13	15	Silverware and plated ware	20	6	2,491	34	368	1,888	113	48	40
14	20	Sporting and athletic goods not elsewhere classified	4	..	371	7	23	334	7	.....	.....
15	14	Stoves, ranges, water heaters, and hot-air furnaces (except electric	5	....	879	17	47	745	70	.....	.....
16	12	Suitcases, brief cases, bags, trunks, and other luggage	4	1	243	5	11	223	4	.....	.....
17	20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	4	1	43	4	5	30	4	.....	.....
18	9	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	13	4	165	12	30	111	12	.	.....
19	17	Textile machinery	52	27	3,251	57	590	2,492	107	5	...
20	14	Tools (except edge tools, machine tools, files, and saws)	12	13	354	7	42	302	3	..	..
21	4	Trousers (semidress), wash suits, and washable service apparel	5	6	882	2	20	860	.....	. .	.....
22	16	Wiring devices and supplies	3	.....	830	7	73	749	1	.....	.....
23	4	Women's and misses' dresses (except house dresses)—made in contract factories	7	5	674	5	15	654	.....	.....	.....
24	4	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics	5	8	2,001	1	118	1,882	.....	.....	.....
25	12	Women's pocketbooks, handbags, and purses	6	2	737	7	23	707	.....	.	. . ..
26	6	Wooden boxes except cigar boxes	10	4	183	11	16	152	4	.	.
27	6	Wood products not elsewhere classified	6	11	83	1	8	68	6	....	.
28	3	Woolen and worsted manufactures—contract factories	12	5	1,559	14	36	1,509	. .	..	.
29	3	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	69	10	19,696	59	863	18,687	67	10	10
30	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	6	9	219	. .	7	211	1	....	.....
31		Other industries [6]	452	202	42,529	519	4,183	35,598	1,484	478	267
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]									
32	1	Food and kindred products	24	18	1,024	14	92	633	228	54	3
33	3	Textile-mill products and other fiber manufactures	56	14	9,713	62	722	8,826	96	7	.....
34	4	Apparel and other finished products made from fabrics and similar materials	49	34	4,963	30	193	4,629	94	1	16
35	6	Furniture and finished lumber products	20	5	416	19	59	312	26	. .	.. .
36	7	Paper and allied products	14	2	706	18	96	579	11	2	....
37	8	Printing, publishing, and allied industries	12	4	691	18	74	550	67	2	.....
38	9	Chemicals and allied products	25	7	983	21	167	744	43	8	. . .
39	10	Products of petroleum and coal	3		554	..	71	326	30	116	11
40	12	Leather and leather products	12	6	387	13	28	331	15	.	.
41	13	Stone, clay, and glass products	15	4	554	14	68	453	15	3	1
42	14	Iron and steel and their products, except machinery	94	39	8,787	136	803	7,350	420	76	2
43	15	Nonferrous metals and their products	18	12	830	19	85	684	42		.
44	16	Electrical machinery	12	3	2,194	11	253	1,883	27	19	1
45	17	Machinery (except electrical)	22	6	5,638	51	1,002	3,932	242	178	233
46	20	Miscellaneous industries	67	43	4,238	82	396	3,652	96	12	....
47	18	Automobiles and automobile equipment	5	2	248	8	40	169	31	. . .	.
48	2	Tobacco manufactures	1								
49	11	Rubber products	1	3	603	3	34	565	1		. .
50	19	Transportation equipment, except automobiles	2								
		WORCESTER INDUSTRIAL AREA									
51		All industries, total	1,119	529	93,380	1,168	9,155	78,373	3,879	499	306
52	13	Abrasive wheels, stones, paper, cloth, and related products	4	...	2,300	18	440	1,572	184	53	33
53	3	Artificial leather and oilcloth	3	..	240	7	27	188	15	3	.
54	3	Batting, padding, and wadding; upholstery filling	4	1	25	7	1	16	1		
55	14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	4	..	61	3	7	49	2		
56	8	Bookbinding and related industries	5	4	510	10	51	444	5		.
57	8	Books: printing without publishing	3	4	56	2	4	40	10		
58	12	Boot and shoe cut stock and findings	9	5	308	5	16	285	2		
59	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	131	118	1,398	15	76	1,137	144	4	22
60	20	Brushes	4	1	940	6	125	773	36		
61	20	Buttons	6	2	496	5	29	447	15		

See footnotes at end of table.

INDUSTRIAL AREAS, BY INDUSTRIES: 1939—Continued

Salaries and wages: Total [2]	Salaries of officers of corporations [2]	Manufacturing: Salaries [2]	Manufacturing: Wages	Distribution	Construction	Other	Cost of materials, supplies, fuel, purchased electric energy, and contract work: Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
PROVIDENCE-FALL RIVER-NEW BEDFORD INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
10,430,594	327,627	733,989	9,207,878	160,091	1,009	----	23,768,220	22,951,651	172,429	592,091	52,049	39,201,635	15,433,415	1
306,381	31,135	33,237	237,261	3,500	----	1,248	461,047	442,199	4,802	14,046	----	879,353	418,306	2
560,697	28,900	95,246	426,939	7,588	2,024	----	1,682,245	1,595,978	37,401	48,866	----	2,719,621	1,037,376	3
381,093	17,275	40,423	294,179	29,216	----	----	1,021,891	988,473	3,041	7,300	23,077	1,647,392	625,501	4
6,554,189	259,492	1,154,709	4,557,818	398,761	92,043	91,366	9,175,592	8,496,239	295,530	374,017	9,806	18,834,762	9,659,170	5
194,676	15,840	18,819	116,311	43,706	----	----	1,416,627	1,391,640	11,656	13,331	----	1,786,327	369,700	6
101,817	6,990	3,716	82,781	3,790	----	4,540	102,682	87,135	2,195	7,258	6,094	325,682	223,000	7
182,577	35,264	24,898	97,477	18,688	6,250	----	301,844	294,293	3,936	2,615	1,000	585,126	283,282	8
300,090	21,880	16,436	258,056	3,718	----	----	259,788	253,740	972	4,796	280	703,191	443,403	9
36,390	2,469	6,544	27,377	----	----	----	48,093	45,506	588	1,299	700	122,017	73,924	10
67,889	743	8,296	58,850	----	----	----	20,277	11,375	1,222	7,680	----	113,267	92,990	11
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	12
3,449,177	272,085	595,209	2,230,617	210,163	90,300	50,803	3,763,474	3,626,727	75,305	36,011	25,431	10,377,288	6,613,814	13
437,941	28,020	36,676	360,705	12,540	----	----	267,729	251,062	7,083	9,584	----	846,999	579,270	14
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	15
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	16
36,090	7,630	5,472	21,988	1,000	----	----	18,535	16,780	827	928	----	86,267	67,732	17
318,369	75,657	50,451	166,627	25,634	----	----	1,509,393	1,487,497	17,887	3,251	758	1,916,049	406,656	18
4,529,394	426,579	848,149	2,942,760	304,687	7,219	----	3,448,643	3,232,672	88,086	117,894	9,991	10,956,791	7,508,148	19
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	20
612,428	9,600	25,326	577,502	----	----	----	1,146,420	1,138,362	583	7,475	----	1,942,820	796,400	21
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	22
487,102	16,442	21,240	449,420	----	----	----	25,364	17,860	648	6,856	----	655,197	629,833	23
1,381,732	34,500	135,413	1,211,819	----	----	----	3,890,224	3,873,525	310	16,389	----	6,559,175	2,668,951	24
542,769	23,074	39,232	480,463	----	----	----	997,358	963,886	1,554	4,645	27,273	1,833,476	836,118	25
169,924	31,857	15,812	115,652	6,603	----	----	487,889	472,668	3,208	11,373	640	759,588	271,699	26
73,918	3,535	10,853	54,533	4,997	----	----	91,779	87,395	765	3,619	----	242,206	150,427	27
1,626,729	100,113	85,645	1,440,611	----	360	----	495,628	317,554	59,749	118,325	----	3,288,867	2,793,239	28
20,393,227	448,093	1,919,204	17,763,554	244,177	4,835	13,364	71,082,613	68,811,743	765,266	869,029	636,575	104,259,207	33,176,594	29
123,525	----	11,475	109,083	2,967	----	----	325,199	292,678	445	2,091	29,985	643,514	318,315	30
49,500,226	3,439,600	7,268,501	34,952,744	2,805,184	701,373	332,824	83,162,611	78,774,158	1,979,532	1,601,815	807,106	169,222,380	86,059,769	31
1,079,593	71,188	146,460	557,465	231,236	71,774	1,470	3,128,608	3,000,590	86,721	41,297	----	6,290,559	3,161,951	32
9,251,913	469,738	1,260,137	7,220,506	294,941	6,591	----	20,423,073	19,463,530	474,785	434,303	50,455	38,299,920	17,876,847	33
3,593,882	203,701	307,618	2,910,594	160,057	----	11,912	7,037,538	6,757,763	20,490	57,467	201,818	13,027,396	5,989,858	34
461,836	83,514	75,873	254,486	47,963	----	----	727,400	709,855	7,355	10,190	----	1,494,476	767,076	35
1,111,206	131,995	212,351	747,339	16,308	3,213	----	3,321,852	3,088,623	161,398	53,354	18,477	5,332,685	2,010,833	36
956,199	94,857	123,200	603,246	129,436	5,460	----	735,728	595,237	4,638	16,196	119,657	2,243,545	1,507,817	37
1,310,032	119,801	240,369	848,652	92,584	8,626	----	2,484,142	2,190,397	155,334	138,119	292	4,889,949	2,405,807	38
963,567	----	178,576	546,689	62,556	160,355	15,391	4,580,355	4,364,629	206,129	9,597	----	5,636,530	1,056,175	39
384,858	48,126	47,779	261,681	27,272	----	----	774,232	764,513	4,311	5,408	----	1,369,631	595,399	40
663,842	51,330	118,738	473,156	16,406	2,787	1,425	625,572	444,169	141,207	40,196	----	1,974,180	1,348,608	41
11,279,756	864,772	1,505,466	8,004,087	796,617	106,782	2,032	11,933,995	10,794,507	465,765	419,716	254,007	30,842,063	18,908,068	42
1,129,400	109,297	153,557	766,450	100,096	----	----	13,403,153	13,352,206	12,302	22,668	15,977	15,439,469	2,036,316	43
2,185,992	66,688	357,170	1,677,573	52,978	30,983	600	3,408,534	3,230,223	85,133	88,697	4,481	8,367,134	4,958,600	44
9,789,147	526,513	1,791,992	6,448,372	433,674	288,602	299,994	4,827,170	4,490,065	111,718	142,799	82,588	19,649,120	14,821,950	45
4,354,839	507,842	635,076	2,911,979	283,742	16,200	----	4,595,126	4,438,065	30,883	84,310	41,868	11,367,821	6,772,695	46
984,164	90,238	114,139	720,469	59,318	----	----	1,156,133	1,089,786	11,363	37,498	17,486	2,997,902	1,841,769	47–50
WORCESTER INDUSTRIAL AREA														
122,789,706	7,506,158	17,583,775	88,890,263	7,555,088	767,611	486,811	178,359,338	165,705,221	5,186,467	4,195,622	3,272,028	376,837,735	198,478,397	51
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	52
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	53
55,045	30,798	3,475	18,391	2,381	----	----	188,721	180,500	1,867	6,317	37	292,250	103,529	54
89,033	22,199	10,075	50,442	6,317	----	----	169,448	159,993	3,068	5,823	564	360,708	191,260	55
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	56
85,851	5,450	7,820	67,498	5,083	----	----	79,477	59,371	440	1,584	18,082	240,769	161,292	57
322,690	39,920	27,364	250,265	5,141	----	----	1,383,874	1,360,604	4,443	6,108	12,719	2,021,249	637,375	58
1,873,540	104,500	120,442	1,458,016	157,349	7,039	26,194	3,517,984	3,316,014	117,066	84,904	----	6,761,072	3,243,088	59
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	60
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	61

TABLE 9.—GENERAL STATISTICS FOR

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [1]	Salaried officers of corporations [1]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
		WORCESTER INDUSTRIAL AREA—Continued									
1	1	Candy and other confectionery products	5	5	48		3	25	20		
2	4	Canvas products (except bags)	3		16	1		14	1		
3	6	Caskets, coffins, burial cases, and other morticians' goods	3		132	6	19	96	11		
4	20	Children's vehicles	10		1,429	26	117	1,218	68		
5	2	Cigars	3	2	25	1	1	21	2		
6	7	Coated and glazed paper	3		475	9	61	365	36	4	
7	4	Coats, suits, and skirts (except fur coats)—made in contract factories	4	3	141	3	2	133	3		
8	4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	5	7	40	2	4	34			
9	13	Concrete products	5	3	29		6	21	2		
10	7	Converted paper products not elsewhere classified	8	5	150	7	18	115	10		
11	6	Cooperage	3	2	270	4	12	243	10	1	
12	4	Corsets and allied garments	5	2	462	7	35	390	29		1
13	3	Cotton broad woven goods	9		1,311	17	81	1,204	4	5	
14	3	Cotton narrow fabrics	4	3	139	7	15	115	2		
15	3	Cotton thread	3		158	4	17	133	4		
16	3	Cotton yarn	3		807	8	28	770	1		
17	4	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	3	1	76	3	5	56	12		
18	14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	8	3	600	10	59	503	28		
19	9	Drugs and medicines (including drug grinding)	6	1	214	8	20	98	88		
20	3	Dyeing and finishing cotton, rayon, silk, and linen textiles	7	1	1,593	8	75	1,501	9		
21	15	Electroplating, plating, and polishing [a]	12	9	179	9	11	155	4		
22	8	Electrotyping and stereotyping, not done in printing establishments	3	1	39	2	7	26	4		
23	7	Envelopes	7		1,061	14	77	835	112	10	13
24	20	Fabricated plastic products, not elsewhere classified	5	1	88	6	7	68	7		
25	14	Fabricated structural steel and ornamental metalwork, made in plants not operated in connection with rolling mills	4		68	5	14	45	4		
26	1	Flour and other grain-mill products	4	1	44	1	8	31	4		
27	1	Food preparations, not elsewhere classified	3	6	24		1	16	7		
28	12	Footwear (except rubber)	35		9,476	64	597	8,703	112		
29	20	Games and toys (except dolls and children's vehicles)	8	1	639	6	36	589	6	2	
30	8	General commercial (job) printing	46	27	752	32	75	610	35		
31	16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	3	1	27	4	3	19	1		
32	14	Gray-iron and semisteel castings	14	8	530	12	34	482	2		
33	14	Hardware not elsewhere classified	3	1	753	5	65	615	56	12	
34	6	Household furniture, except upholstered [b]	37	9	2,255	63	153	1,957	79	2	1
35	1	Ice cream and ices	11	7	116	6	13	42	49	2	4
36	1	Ice, manufactured	13	7	100	11	6	40	43		
37	12	Industrial leather belting and packing leather	4	3	285	2	3	267	13		
38	17	Industrial machinery, not elsewhere classified	8	1	234	12	30	161	31		
39	3	Knitted cloth	4		134	5	16	112	1		
40	12	Leather goods not elsewhere classified	3	2	48		1	47			
41	8	Machine and hand typesetting (including advertisement typesetting)	3	2	9	1	2	6			
42	17	Machine-shop products, not elsewhere classified	12	5	435	19	29	334	52		1
43	17	Machine-shop repairs	5	3	27	2	4	21			
44	17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	16	9	1,668	19	203	1,308	138		
45	17	Machine tools	9		3,543	26	706	2,613	156		42
46	6	Mattresses and bedsprings	8	3	60	8	6	43	3		
47	1	Meat packing, wholesale	5	3	118	2	12	76	28		
48	17	Mechanical power-transmission equipment	3	1	240	2	35	196	7		
49	4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobber engaging contractors	3		1,057	4	24	984	45		
50	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	4	4	25			21	4		
51	17	Metalworking machinery and equipment, not elsewhere classified	4		469	11	126	331	1		
52	20	Miscellaneous fabricated products not elsewhere classified	9	5	974	11	60	880	23		
53	20	Models and patterns (except paper patterns)	7	8	55	3	1	51			
54	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	7	5	50	2	4	39	4		1
55	8	Newspapers: publishing and printing	17	5	865	28	260	418	159		
56	8	Newspapers: publishing without printing	4	2	13		7	2	4		
57	1	Nonalcoholic beverages	22	15	221	5	24	122	68	1	1
58	15	Nonferrous-metal foundries (except aluminum)	5	4	39	7	2	30			
59	15	Nonferrous-metal products not elsewhere classified	3		144	11	13	115	2		3
60	20	Ophthalmic goods: lenses and fittings	7	2	3,679	13	705	2,682	251	28	
61	9	Paints, varnishes, and lacquers	3	1	6	2	2	2			
62	7	Paper and paperboard mills	7		1,976	19	162	1,731	28	36	
63	7	Paperboard containers and boxes not elsewhere classified	13	9	588	9	57	494	28		
64	17	Paper-mill, pulp-mill, and paper-products machinery	4		369	13	68	285	3		
65	8	Periodicals: publishing and printing	4		104	8	34	60	2		

See footnotes at end of table.

INDUSTRIAL AREAS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
WORCESTER INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
44,319	----------	4,596	25,456	14,267	------	------	59,274	52,934	3,154	3,186	------	140,278	81,004	1
20,448	3,000	------	16,658	790	------	------	33,273	32,317	482	474	------	68,919	35,646	2
(5)	(5)	(5)	(5)	(5)	------	------	(5)	(5)	(5)	(5)	------	(5)	(5)	3
1,805,914	173,452	203,501	1,302,847	126,114	------	------	2,339,244	2,254,268	18,590	27,478	38,908	4,713,450	2,374,206	4
31,765	5,160	728	23,750	2,127	------	------	36,801	36,565	35	201	------	82,385	45,584	5
749,291	74,207	134,675	464,922	66,939	8,548	------	2,602,439	2,464,404	54,428	36,718	46,889	4,013,527	1,411,088	6
89,456	5,000	5,000	78,456	1,000	------	------	16,385	8,085	1,673	6,627	------	139,294	122,909	7
(5)	(5)	(5)	(5)	------	------	------	(5)	(5)	(5)	(5)	------	(5)	(5)	8
38,874	------	9,346	27,043	2,485	------	------	107,827	105,212	1,356	1,259	------	204,790	96,963	9
198,310	17,625	55,929	107,411	17,345	------	------	323,809	304,698	3,549	4,252	11,310	793,899	470,090	10
(5)	(5)	(5)	(5)	(5)	(5)	------	(5)	(5)	------	(5)	------	(5)	(5)	11
459,257	30,944	47,165	306,573	71,459	------	3,116	615,436	607,650	6,100	1,686	------	1,326,899	711,463	12
1,346,588	86,458	158,213	1,086,236	11,195	4,486	------	2,186,929	2,009,663	64,039	97,712	15,515	3,957,207	1,770,278	13
130,430	16,306	22,677	82,785	8,662	------	------	138,483	127,250	6,896	4,337	------	364,149	225,666	14
(5)	(5)	(5)	(5)	(5)	------	------	(5)	(5)	(5)	(5)	------	(5)	(5)	15
(5)	(5)	(5)	(5)	(5)	------	------	(5)	(5)	(5)	(5)	------	(5)	(5)	16
(5)	(5)	(5)	(5)	(5)	------	------	(5)	(5)	(5)	(5)	------	(5)	(5)	17
780,582	72,072	91,624	563,658	53,228	------	------	544,997	503,568	22,203	18,863	363	1,684,608	1,139,611	18
(5)	(5)	(5)	(5)	(5)	(5)	------	(5)	(5)	(5)	(5)	------	(5)	(5)	19
(5)	(5)	(5)	(5)	(5)	------	------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	20
182,238	20,970	15,015	142,965	3,288	------	------	75,712	59,847	5,625	10,066	174	367,670	291,958	21
(5)	(5)	(5)	(5)	(5)	------	------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	22
1,382,799	45,288	199,219	929,432	179,176	16,544	13,140	1,910,882	1,874,474	15,575	15,556	5,277	4,144,997	2,234,115	23
86,091	12,071	10,064	58,557	5,399	------	------	85,347	75,178	6,460	3,709	------	222,568	137,221	24
117,126	25,572	18,224	64,806	8,524	------	------	182,747	178,015	1,986	2,746	------	345,069	162,322	25
(5)	(5)	(5)	(5)	(5)	------	------	(5)	(5)	(5)	(5)	------	(5)	(5)	26
19,245	------	780	13,270	5,195	------	------	56,418	54,439	1,401	578	------	77,759	21,341	27
8,687,262	548,357	1,015,287	6,810,574	313,044	------	------	15,825,532	15,549,404	58,708	116,882	100,538	27,842,549	12,017,017	28
(5)	(5)	(5)	(5)	(5)	(5)	------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	29
1,037,038	116,733	126,718	722,105	71,482	------	------	895,836	775,045	13,198	18,967	88,626	2,386,372	1,490,536	30
(5)	(5)	(5)	(5)	(5)	------	------	(5)	(5)	(5)	(5)	------	(5)	(5)	31
887,349	107,968	64,457	696,060	18,864	------	------	428,819	360,350	50,706	17,763	------	1,585,035	1,156,216	32
(5)	(5)	(5)	(5)	(5)	(5)	------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	33
2,589,494	340,577	256,242	1,864,419	120,479	5,177	2,600	2,899,617	2,769,101	63,652	54,517	12,347	6,600,488	3,700,871	34
192,843	48,300	17,620	40,544	76,292	2,329	7,758	590,894	562,878	5,427	22,589	------	1,185,713	594,819	35
144,102	36,028	11,970	46,229	49,875	------	------	80,132	15,855	22,830	41,447	------	366,820	286,688	36
(5)	(5)	(5)	(5)	(5)	------	------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	37
415,378	44,743	56,330	227,341	86,964	------	------	193,644	177,628	5,395	8,351	2,270	957,010	763,366	38
(5)	(5)	(5)	(5)	(5)	------	------	(5)	(5)	(5)	(5)	------	(5)	(5)	39
(5)	------	(5)	(5)	------	------	------	(5)	(5)	(5)	(5)	------	(5)	(5)	40
11,175	3,130	1,196	6,849	------	------	------	5,778	3,946	10	766	1,056	29,395	23,617	41
623,915	99,784	60,285	399,752	63,938	------	156	419,429	369,367	22,310	27,663	89	1,321,415	901,986	42
40,275	4,949	4,461	30,865	------	------	------	21,815	18,946	845	1,636	388	93,737	71,922	43
2,444,690	198,071	382,268	1,598,507	265,844	------	------	1,099,459	975,361	43,039	68,007	13,052	5,710,800	4,611,341	44
6,730,979	389,280	1,369,437	4,505,983	407,462	------	58,817	5,077,728	4,798,171	52,229	124,613	102,715	18,787,813	13,710,085	45
60,549	12,240	9,891	33,848	4,570	------	------	144,155	141,268	1,359	1,528	------	234,096	89,941	46
(5)	(5)	(5)	(5)	(5)	------	------	(5)	(5)	(5)	(5)	------	(5)	(5)	47
(5)	(5)	(5)	(5)	(5)	------	------	(5)	(5)	(5)	(5)	------	(5)	(5)	48
(5)	(5)	(5)	(5)	(5)	------	------	(5)	(5)	(5)	(5)	------	(5)	(5)	49
(5)	------	------	(5)	(5)	------	------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	50
(5)	(5)	(5)	(5)	(5)	------	------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	51
904,490	48,415	161,934	677,008	17,133	------	------	1,167,743	1,123,936	13,741	30,053	13	2,523,559	1,355,816	52
108,298	7,500	98	100,700	------	------	------	29,137	27,050	399	1,688	------	210,106	180,969	53
74,923	2,600	7,631	51,948	12,401	------	343	47,324	36,179	294	6,109	4,742	191,359	144,035	54
1,653,341	191,444	562,388	738,981	160,528	------	------	666,522	591,948	9,747	34,560	30,267	3,848,662	3,182,140	55
11,394	------	5,431	2,000	3,963	------	------	17,801	261	48	102	17,390	40,806	23,005	56
232,597	16,498	35,360	91,528	87,877	1,000	334	455,291	432,637	8,441	14,088	125	1,583,936	1,128,645	57
64,730	15,862	1,249	47,619	------	------	------	65,782	59,518	5,523	741	------	160,622	94,840	58
(5)	(5)	(5)	(5)	(5)	------	(5)	(5)	(5)	(5)	(5)	------	(5)	(5)	59
(5)	(5)	(5)	(5)	(5)	(5)	------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	60
(5)	(5)	(5)	(5)	------	------	------	(5)	(5)	(5)	(5)	------	(5)	(5)	61
3,060,563	204,221	436,167	2,276,787	96,335	47,053	------	9,458,801	8,213,813	868,226	374,928	1,834	14,053,373	4,594,572	62
648,717	28,302	85,839	495,062	39,514	------	------	841,543	817,027	6,724	17,792	------	1,796,571	955,028	63
(5)	(5)	(5)	(5)	(5)	------	------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	64
(5)	(5)	(5)	(5)	(5)	------	------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	65

TABLE 9. GENERAL STATISTICS FOR

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
		WORCESTER INDUSTRIAL AREA Continued									
1	8	Photoengraving, not done in printing establishments (including preparation of plates)	5	7	73	7	12	47	7		
2	5	Planing mills not operated in conjunction with sawmills	13	12	232	12	10	188	22		
3	1	Poultry dressing and packing, wholesale	3	1	43	1	1	39	2		
4	14	Power boilers and associated products	3		76	5	16	53	2		
5	1	Prepared feeds (including mineral) for animals and fowls	5	2	65		7	36	22		
6	3	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	7	1	71	10	10	50	1		
7	6	Public-building furniture	5	2	1,698	4	191	1,498	3	2	
8	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	9	8	76	3	4	61	8		
9	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	15	12	164	4	5	154	1		
10	14	Saws	3		786	1	118	667			
11	14	Screw-machine products and wood screws	10	4	938	34	131	758	15		
12	15	Sheet-metal work not specifically classified	10	6	79	7	5	65	2		
13	20	Signs, advertising displays, and advertising novelties	6	6	27	2	2	21	2		
14	14	Stamped and pressed metal products (except automobile stampings)	10	1	770	17	87	638	28		
15	20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	4	3	104	3	5	84	12		
16	17	Textile machinery	28	9	7,497	40	643	5,704	726	271	113
17	14	Tools (except edge tools, machine tools, files, and saws)	8	8	98	3	14	77	4		
18	6	Upholstered household furniture	16	12	573	22	40	484	26	1	
19	6	Window shades	3	2	14	1		9	4		
20	14	Wire drawn from purchased rods	8		3,260	8	411	2,790	37	14	
21	14	Wirework not elsewhere classified	10	3	957	19	121	794	23		
22	6	Wooden boxes (except cigar boxes)	8	2	380	14	35	319	12		
23	6	Wood products not elsewhere classified	13	8	113	7	11	94	1		
24	3	Woolen and worsted manufactures—contract factories	12	5	1,227	13	87	1,124	1		2
25	3	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	41	2	9,455	56	507	8,825	47	7	13
26	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	10	5	327	9	12	302	4		
27		Other industries [5]	331	116	36,204	378	4,053	30,146	1,391	142	94
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]									
28	1	Food and kindred products	29	14	424	11	38	265	110		
29	3	Textile-mill products and other fiber manufactures	55	9	8,729	71	515	8,054	80	7	2
30	4	Apparel and other finished products made from fabrics and similar materials	41	32	2,973	31	113	2,675	149	1	4
31	6	Furniture and finished lumber products	19	9	2,220	16	234	1,942	24	3	1
32	7	Paper and allied products	4	1	307	4	22	261	18	2	
33	8	Printing, publishing, and allied industries	17	10	811	24	116	635	36		
34	9	Chemicals and allied products	24	10	421	16	59	226	120		
35	12	Leather and leather products	17	5	1,319	22	45	1,184	68		
36	13	Stone, clay, and glass products	8		2,564	25	477	1,784	191	53	34
37	14	Iron and steel and their products, except machinery	22	2	5,921	25	859	4,877	120	40	
38	15	Nonferrous metals and their products	15	3	742	30	104	543	12		53
39	16	Electrical machinery	7	3	253	8	27	214	4		
40	17	Machinery (except electrical)	28	5	1,695	47	335	1,276	37		
41	19	Transportation equipment (except automobiles)	3		503	1	95	383	24		
42	2	Miscellaneous industries	37	12	6,614	40	938	5,262	338	36	
43	10	Products of petroleum and coal	1								
44	11	Rubber products	3	1	708	7	76	565	60		
45	18	Automobiles and automobile equipment	1								
		SPRINGFIELD-HOLYOKE INDUSTRIAL AREA									
46		All industries, total	650	282	45,281	645	5,110	36,446	2,582	439	59
47	13	Abrasive wheels, stones, paper, cloth, and related products	8	1	264	11	30	203	20		
48	8	Bookbinding and related industries	8	3	842	9	97	729	7		
49	8	Books: printing without publishing	10	2	178	16	27	124	11		
50	8	Books: publishing without printing	3		120	7	74		39		
51	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	109	97	1,510	11	86	1,238	155	5	15
52	20	Brushes	4	1	142	7	22	40	73		
53	1	Candy and other confectionery products	3	1	21			20	1		
54	2	Cigars	6	4	47	1	4	39	3		
55	7	Coated and glazed paper	6		415	13	65	304	25	8	
56	4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	5	2	371	5	17	335	14		
57	13	Concrete products	11	6	100	4	4	68	23		1
58	7	Converted paper products not elsewhere classified	13		1,030	32	53	873	67	5	
59	3	Cotton broad woven goods	3		951		81	869	1		
60	3	Cotton thread	4		770	4	48	687	31		
61	7	Die-cut paper and paperboard, and converted cardboard	3	1	101	6	16	67	12		

See footnotes at end of table.

INDUSTRIAL AREAS, BY INDUSTRIES: 1939—Continued

Salaries and wages: Total [2]	Salaries of officers of corporations [2]	Manufacturing: Salaries [2]	Manufacturing: Wages	Distribution	Construction	Other	Cost of materials, supplies, fuel, purchased electric energy, and contract work: Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
WORCESTER INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
132,441	23,116	15,023	81,556	12,746	----	----	23,621	17,924	474	2,420	2,803	224,584	200,963	1
333,505	87,300	10,920	201,576	33,709	----	----	470,344	450,851	7,508	11,985	----	1,055,046	584,702	2
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	3
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	4
(5)	----	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	5
112,968	65,936	13,014	31,518	2,500	----	----	550,582	546,950	1,177	2,455	----	716,278	165,696	6
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	7
97,267	14,440	7,022	68,304	7,501	----	----	669,045	656,272	5,488	7,285	----	825,159	156,114	8
174,834	11,500	5,488	157,546	300	----	----	103,949	79,155	4,390	3,525	16,879	360,534	256,585	9
(5)	(5)	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	10
1,435,893	108,450	195,894	1,052,498	79,051	----	----	916,263	812,196	13,839	57,550	32,678	3,048,498	2,132,235	11
116,574	21,614	5,915	86,155	2,890	----	----	115,846	109,219	1,525	5,062	40	303,781	187,935	12
39,495	7,230	1,035	28,282	2,948	----	----	31,590	29,566	310	896	818	92,364	60,774	13
1,141,859	125,122	191,057	746,995	78,685	----	----	1,011,869	932,315	23,313	31,731	24,510	2,632,900	1,621,031	14
107,075	12,217	23,556	51,085	20,217	----	----	170,532	166,671	1,649	2,212	----	327,127	156,595	15
11,716,406	496,238	1,201,560	7,890,232	1,560,532	384,796	183,048	9,173,159	8,695,462	302,583	168,134	6,980	25,023,151	15,849,992	16
128,574	13,019	20,259	89,186	6,110	----	----	150,478	143,168	3,964	3,112	234	362,668	212,190	17
574,053	61,800	46,037	430,966	33,821	1,429	----	831,012	814,047	4,212	12,753	----	1,695,067	864,055	18
16,943	1,560	----	10,694	4,689	----	----	31,608	31,188	259	161	----	60,034	28,426	19
5,793,325	143,775	927,872	4,594,610	98,638	28,430	----	8,342,773	7,462,341	383,061	497,168	203	17,641,075	9,298,302	20
1,147,433	57,415	211,824	828,608	49,586	----	----	1,939,352	1,770,696	29,916	34,741	103,999	3,708,312	1,768,960	21
457,652	73,393	49,108	310,656	24,495	----	----	605,160	588,362	411	16,387	----	1,357,189	752,029	22
142,773	30,255	16,456	95,062	1,000	----	----	117,460	103,801	4,323	5,918	3,418	336,794	219,334	23
(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	24
11,077,125	532,544	1,045,502	9,261,835	214,605	12,052	10,587	24,974,511	22,816,391	613,705	383,670	1,160,745	44,970,637	19,996,126	25
269,214	34,154	14,153	215,166	5,741	----	----	226,192	220,648	1,234	4,310	----	579,327	353,135	26
47,372,523	2,346,255	7,781,783	34,143,405	2,671,634	248,728	180,718	71,051,818	65,843,762	2,190,139	1,624,486	1,393,431	148,152,780	77,100,962	27
549,500	36,371	55,900	299,790	157,439	----	----	2,525,089	2,446,240	30,292	48,557	----	3,598,436	1,073,347	28
9,363,472	389,085	1,023,397	7,755,529	183,814	9,647	2,000	13,505,415	12,338,977	640,187	404,069	122,182	26,580,009	13,074,594	29
2,519,544	100,039	178,448	2,076,107	158,310	1,250	5,390	6,277,414	6,114,028	29,567	36,599	97,220	11,070,570	4,793,156	30
2,514,719	62,276	376,540	2,015,238	53,498	5,460	1,707	2,857,723	2,778,401	44,286	35,036	----	7,434,879	4,577,156	31
414,286	57,608	34,191	284,890	35,091	2,506	----	702,040	659,069	12,481	11,267	19,223	1,317,106	615,066	32
1,030,525	112,833	185,263	670,328	62,101	----	----	1,392,562	421,510	20,536	23,539	926,977	3,299,554	1,906,992	33
579,615	60,854	91,980	251,248	175,325	208	----	1,239,808	1,184,736	23,307	31,762	3	2,385,589	1,145,781	34
1,599,118	122,670	105,109	1,224,080	147,259	----	----	5,205,027	5,133,722	40,052	30,290	963	8,881,497	3,676,470	35
5,109,819	319,946	1,018,754	3,047,245	555,766	90,038	78,070	5,309,756	4,910,595	220,654	174,140	4,367	15,928,437	10,618,681	36
9,455,072	127,035	1,748,871	7,258,972	245,211	74,983	----	15,283,785	13,889,280	850,348	514,525	29,632	30,453,233	15,169,448	37
1,055,502	157,035	164,351	590,665	49,900	----	93,551	1,396,835	1,345,282	14,773	32,624	4,156	3,149,521	1,752,686	38
269,247	21,727	32,769	174,458	40,293	----	----	314,214	298,350	2,790	13,074	----	656,641	342,427	39
3,069,141	427,343	746,242	1,796,618	98,938	----	----	3,839,749	3,558,571	46,711	67,249	167,218	8,685,148	4,845,399	40
696,583	21,230	205,889	437,556	31,908	----	----	1,195,838	1,143,244	34,070	18,524	----	2,145,848	950,010	41
8,346,688	277,249	1,677,621	5,734,386	592,796	64,636	----	8,100,829	7,838,602	138,389	102,348	21,490	19,839,090	11,738,261	42
799,692	52,954	136,458	526,295	83,985	----	----	1,905,734	1,783,155	41,696	80,883	----	2,727,222	821,488	43–45
SPRINGFIELD-HOLYOKE INDUSTRIAL AREA														
63,561,475	4,034,040	9,149,035	44,297,532	5,187,496	811,946	81,426	101,600,175	95,771,396	2,698,208	2,119,919	1,010,652	211,697,017	110,096,842	46
428,912	78,716	60,332	219,533	70,331	----	----	608,125	555,081	35,184	17,860	----	1,555,137	947,012	47
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	48
285,017	47,652	45,368	159,670	32,327	----	----	228,662	175,438	1,490	7,163	44,571	642,839	414,177	49
(5)	(5)	(5)	----	(5)	----	----	(5)	(5)	----	----	(5)	(5)	(5)	50
2,257,136	73,218	161,513	1,827,438	164,962	5,281	24,724	3,285,015	3,134,449	96,691	53,875	----	6,800,283	3,515,268	51
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	52
19,147	----	----	18,147	1,000	----	----	44,869	41,923	2,165	781	----	71,833	26,964	53
40,145	3,686	4,332	31,427	700	----	----	48,095	47,322	585	188	----	115,621	67,526	54
646,952	82,044	108,918	365,944	73,148	16,898	----	1,509,238	1,426,896	19,104	13,747	49,491	2,671,661	1,162,423	55
377,917	26,502	34,601	275,169	41,645	----	----	850,211	842,894	1,482	5,835	----	1,371,151	520,940	56
142,319	16,140	5,218	75,887	43,154	----	1,920	373,068	365,746	3,778	3,516	28	680,968	307,900	57
1,244,566	194,594	105,991	810,118	126,088	7,775	----	2,811,184	2,730,710	32,785	25,895	21,794	4,945,910	2,134,726	58
(5)	----	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	59
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	60
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	61

TABLE 9.—GENERAL STATISTICS FOR

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS[1] Total[2]	Salaried officers of corporations[2]	Manufacturing: Salaried employees[2]	Manufacturing: Wage earners (average for year)[3]	Distribution	Construction	Other
		SPRINGFIELD-HOLYOKE INDUSTRIAL AREA—Continued									
1	15	Electroplating, plating, and polishing	4	2	53	5	2	44	2		
2	8	Electrotyping and stereotyping, not done in printing establishments	3		60	6	7	45	2		
3	7	Envelopes	3		854	3	74	679	81	17	
4	1	Food preparations, not elsewhere classified	4	2	40	3	5	20	12		
5	14	Forgings, iron and steel—made in plants not operated in connection with rolling mills	3		928	9	109	737	7	66	
6	8	General commercial job printing	39	29	566	24	62	456	24		
7	14	Gray iron and semisteel castings	5		276	7	15	253	1		
8	20	Hand stamps, stencils, and brands	4	2	45	2	2	36	5		
9	14	Hardware not elsewhere classified	7	1	326	10	29	272	13	2	
10	4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	3	2	110	2	1	101	6		
11	1	Ice cream and ices	9	4	108	6	17	57	26	2	
12	1	Ice, manufactured	6	4	44	4	6	21	13		
13	9	Insecticides, fungicides, and related industrial and household chemical compounds	3		19	4	4	10	1		
14	8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	6	2	165	6	25	120	14		
15	8	Machine and hand typesetting (including advertisement typesetting)	3	1	13	4	2	7			
16	17	Machine-shop products, not elsewhere classified	7		1,582	10	220	1,256	46	50	
17	17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	5	2	82	4	10	68			
18	6	Mattresses and bedsprings	4	2	52	3	5	38	6		
19	4	Millinery	4		343	8	25	297	13		
20	20	Models and patterns (except paper patterns)	4	3	38	2	2	34			
21	8	Newspapers, publishing and printing	7	2	119	4	54	60	1		
22	8	Newspapers, publishing without printing	3	4	16	1	13	2			
23	1	Nonalcoholic beverages	14	12	142	7	28	52	54		1
24	15	Nonferrous-metal foundries (except aluminum)	8	6	189	6	11	166	3	3	
25	15	Nonferrous-metal products not elsewhere classified	3	1	38	4	4	29	1		
26	9	Paints, varnishes, and lacquers	3		28	3	7	13	5		
27	7	Paper and paperboard mills	23		3,705	41	323	3,218	94	29	
28	7	Paperboard containers and boxes not elsewhere classified	16	4	572	19	46	450	53	4	
29	17	Paper-mill, pulp-mill, and paper-products machinery	4		240	12	45	175	7	1	
30	6	Partitions, shelving, cabinet work, and office and store fixtures	3		61	2	5	49	4		1
31	8	Photoengraving, not done in printing establishments (including preparation of plates)	8		94	9	12	67	6		
32	5	Planing mills not operated in conjunction with sawmills	5		164	5	18	119	19	3	
33	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	8	8	95	4	3	46	42		
34	14	Saws	3		92	5	11	71	5		
35	15	Sheet-metal work not specifically classified	4	1	50	5	3	36	6		
36	20	Signs, advertising displays, and advertising novelties	9	11	130	1	17	106	6		
37	4	Trousers (semidress), wash suits, and washable service apparel	3	3	58		6	48	4		
38	14	Wire drawn from purchased rods	4	6	874	2	140	705	8	19	
39	14	Wirework not elsewhere classified	6		193	12	16	151	14		
40	6	Wooden boxes except cigar boxes	5	2	168	1	12	155			
41	6	Wood products not elsewhere classified	3	2	89	1	11	77			
42	3	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	6		1,459	9	64	1,382	4		
43		Other industries[6]	271	85	32,182	341	3,981	25,592	1,847	380	41
		OTHER INDUSTRIES, BY INDUSTRY GROUPS[6]									
44	1	Food and kindred products	15	6	729	16	70	444	199		
45	3	Textile-mill products and other fiber manufactures	29	4	4,671	33	422	4,138	71	3	4
46	4	Apparel and other finished products made from fabrics and similar materials	22	10	1,374	22	50	1,271	31		
47	6	Furniture and finished lumber products	17	10	917	7	66	819	25		
48	8	Printing, publishing, and allied industries	28	5	1,704	47	281	1,248	127	1	
49	9	Chemicals and allied products	23	4	1,687	20	315	1,088	97	167	
50	12	Leather and leather products	7	1	439	12	19	339	69		
51	13	Stone, clay, and glass products	5		136	4	12	113	7		
52	14	Iron and steel and their products, except machinery	31	10	3,685	46	401	2,941	209	86	2
53	15	Nonferrous metals and their products	19	11	482	24	37	344	74	3	
54	16	Electrical machinery	11		5,076	19	728	4,105	218		6
55	17	Machinery (except electrical)	24	3	5,014	51	767	3,807	257	103	29
56	20	Miscellaneous industries	27	18	2,223	24	319	1,673	207		
57	7	Paper and allied products	6	1	955	9	90	746	93	17	
58	5	Lumber and timber basic products	1								
59	10	Products of petroleum and coal	1	2	3,090	7	404	2,516	163		
60	11	Rubber products	1								
61	18	Automobiles and automobile equipment	2								
62	19	Transportation equipment except automobiles	2								

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.

[2] Figures do not include data for personnel of central-administrative offices.

[3] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

INDUSTRIAL AREAS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
SPRINGFIELD-HOLYOKE INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
59,195	9,174	2,162	45,828	2,031	----	----	19,519	15,009	886	3,198	426	111,909	92,390	1
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	2
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	3
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	4
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	5
745,175	94,773	94,116	519,262	37,024	----	----	576,032	522,363	28,801	8,840	16,028	1,666,163	1,090,139 [1]	6
376,669	39,647	30,680	305,042	1,300	----	----	238,850	198,615	28,876	11,359	----	742,219	503,364	7
44,357	6,414	1,648	31,359	4,936	----	----	31,964	24,441	707	616	6,200	129,078	97,119	8
477,637	29,816	40,622	369,290	27,487	10,422	----	909,096	856,528	7,301	14,000	31,267	1,874,295	965,19	9
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	10
168,959	28,900	19,178	71,373	46,752	2,756	----	570,096	540,848	8,372	20,876	----	971,304	401,203 [8]	11
54,994	7,856	8,088	26,050	13,000	----	----	30,145	4,135	1,337	24,673	----	157,298	127,15	12
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	13
260,632	44,038	38,938	149,345	28,311	----	----	229,880	212,613	2,710	4,963	9,594	625,369	395,48 [9]	14
(5)	(5)	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	15
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	16
145,656	34,601	13,193	97,862	----	----	----	78,761	71,976	2,420	3,393	972	291,453	212,690 [2]	17
71,526	11,000	6,988	42,879	10,659	----	----	129,381	126,539	1,027	1,815	----	238,031	108,658	18
361,938	50,835	42,132	224,160	44,811	----	----	703,893	695,364	1,830	6,699	----	1,255,071	551,174	19
69,987	6,240	2,680	61,067	----	----	----	17,822	15,163	786	1,873	----	112,746	94,92	20
217,137	24,180	84,810	106,670	1,477	----	----	94,458	85,252	2,458	6,095	653	439,661	345,209 [3]	21
7,154	390	4,496	2,268	----	----	----	8,942	765	23	24	8,130	22,551	13,604	22
223,218	42,700	30,030	65,058	84,740	----	690	433,035	422,591	5,925	4,519	----	1,040,459	607,42	23
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	24
40,540	7,750	6,475	25,013	1,302	----	----	41,240	36,773	1,457	1,963	1,047	111,869	70,62 [9]	25
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	26
4,963,303	274,210	574,160	3,866,226	195,115	53,592	----	9,832,939	8,664,258	833,398	325,991	9,292	20,432,553	10,599,614 [4]	27
773,887	101,813	86,576	472,957	103,591	8,950	----	1,917,111	1,875,718	24,769	16,337	287	3,077,525	1,160,411	28
422,720	91,768	90,029	215,023	23,100	2,800	----	540,574	526,729	7,086	6,759	----	1,065,115	524,541	29
96,389	11,100	8,230	54,069	21,827	----	1,163	97,005	94,490	579	1,936	----	246,716	149,71	30
218,907	44,941	19,768	140,914	13,284	----	----	46,147	33,991	346	2,549	9,261	313,545	267,390 [8]	31
182,359	17,390	33,185	104,955	21,467	5,362	----	197,139	178,585	2,257	10,864	5,433	517,129	319,99	32
125,785	14,622	6,796	47,540	56,827	----	----	653,279	643,625	4,090	5,564	----	853,333	200,05 [4]	33
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	34
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	35
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	36
(5)	----	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	37
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	38
324,799	67,124	25,236	204,755	27,684	----	----	404,183	387,705	7,132	9,346	----	975,351	571,161 [8]	39
201,248	5,400	16,897	178,951	----	----	----	359,367	349,211	----	10,156	----	604,498	245,13	40
(5)	(5)	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	41
1,727,201	108,600	160,718	1,425,597	32,286	----	----	3,221,422	3,047,747	94,638	33,152	45,885	5,415,457	2,194,03 [5]	42
45,757,992	2,336,206	7,174,931	31,660,686	3,835,130	698,110	52,929	70,459,428	66,819,903	1,435,733	1,453,499	750,293	149,550,916	79,091,48 [8]	43
1,284,455	133,411	143,390	659,437	348,217	----	----	5,964,356	5,852,989	76,795	34,572	----	8,411,591	2,447,237 [5]	44
4,898,461	227,684	775,970	3,797,170	86,986	6,116	4,535	7,835,858	7,472,665	186,048	174,404	2,741	16,069,715	8,233,85	45
1,203,526	76,813	108,302	974,398	44,013	----	----	2,160,222	2,128,707	7,854	11,022	12,639	4,178,628	2,018,401 [6]	46
1,190,244	56,988	92,064	972,648	68,544	----	----	1,977,637	1,939,109	29,680	8,345	503	3,393,288	1,415,657	47
2,468,808	253,680	440,644	1,502,484	269,400	2,600	----	2,658,395	2,070,382	20,730	30,025	537,258	7,355,292	4,676,89	48
2,696,041	136,140	503,214	1,465,169	263,031	328,487	----	4,802,683	4,357,305	192,614	120,764	132,000	10,800,111	5,997,428	49
633,884	99,985	27,595	299,116	207,188	----	----	819,623	811,927	3,437	4,259	----	1,935,462	1,115,839	50
154,068	12,677	16,963	116,788	7,640	----	----	88,100	53,370	23,977	10,753	----	373,194	285,094	51
5,615,166	361,555	766,191	3,917,777	472,830	94,047	2,766	6,286,638	5,704,231	265,991	268,770	47,646	16,099,414	9,812,776	52
818,486	125,723	71,861	480,703	137,114	3,085	----	1,384,097	1,342,181	29,092	12,361	463	2,634,372	1,250,275	53
7,952,217	211,688	1,529,051	5,823,618	381,304	----	6,556	8,018,829	7,673,157	132,270	210,329	3,073	23,953,522	15,934,693	54
8,132,501	402,086	1,318,644	5,291,056	848,829	232,814	39,072	9,489,704	9,030,575	217,796	237,619	3,714	22,217,174	12,727,470	55
2,971,372	144,118	573,280	2,002,227	251,747	----	----	3,294,216	3,163,375	57,795	70,777	2,269	8,454,944	5,160,728	56
														57
														58
5,738,763	93,658	807,762	4,358,095	448,287	30,961	----	15,679,070	15,219,930	191,654	259,499	7,987	23,694,209	8,015,139	59
														60
														61
														62

[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[6] For numbers of establishments and of wage earners in individual industries, see table 12.
[a], [b], and [c] To avoid disclosing exact or approximate data for individual establishments, the data for certain establishments located outside the areas have been included in the figures for the industries to which these footnotes are indexed. Data for these establishments are not, however, included in the totals for the areas.
[a] 1 establishment. [b] 2 establishments. [c] 3 establishments.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939

[This table presents, for each city in the State having 100,000 or more inhabitants, separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures are given, however, reported larger numbers of wage earners or larger values of products than some of those shown separately. No data for nonmanufacturing personnel, except salaried officers of corporations, are included in this table]

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
						BOSTON						
	All industries, total	2,450	1,434	2,123	8,927	57,764	$11,467,351	$17,211,604	$66,784,787	$221,230,040	$413,424,844	$192,194,804
8	Bookbinding and related industries	46	36	22	53	574	85,165	85,643	563,337	299,167	1,422,413	1,123,246
8	Books: printing without publishing	23	10	29	69	406	159,080	146,065	654,904	832,244	2,318,340	1,486,096
8	Books: publishing and printing	3	1	3	3	26	(4)	(4)	(4)	(4)	(4)	(4)
8	Books: publishing without printing	33	9	43	554	1	(4)	(4)	(4)	(4)	(4)	(4)
12	Boot and shoe cut stock and findings	43	16	66	109	1,089	447,087	196,974	1,222,869	14,447,580	18,669,624	4,222,044
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	247	201	76	179	2,718	265,814	295,564	3,676,432	8,397,527	17,207,847	8,810,320
20	Brushes	8	5	6	37	476	(4)	(4)	(4)	(4)	(4)	(4)
1	Candy and other confectionery products	34	16	33	197	2,100	209,800	391,659	1,829,700	5,942,106	10,348,665	4,406,559
4	Canvas products (except bags)	11	3	17	8	69	47,982	11,901	75,063	153,484	350,014	196,530
6	Caskets, coffins, burial cases, and other morticians' goods	9	2	9	22	48	46,863	25,567	58,875	292,929	724,711	431,782
2	Cigars	7	3	8	18	182	(4)	(4)	(4)	(4)	(4)	(4)
9	Cleaning and polishing preparations, blacking, and dressings	17	5	22	28	100	127,088	53,771	127,888	643,476	1,431,222	787,746
4	Clothing, leather and sheep-lined	15	10	21	47	633	98,375	47,948	626,016	1,834,669	3,217,140	1,382,471
4	Coats, suits, and skirts (except fur coats)—made in contract factories	31	39	3	5	375	5,270	3,843	318,145	111,360	610,570	499,210
4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors [5]	49	45	26	39	529	123,548	53,853	580,208	5,065,476	7,018,274	1,952,798
13	Concrete products	7	4	4	13	94	3,695	18,796	117,211	238,780	508,893	270,113
7	Converted paper products not elsewhere classified	15	4	25	37	217	169,193	56,389	197,870	1,034,350	1,757,756	723,406
1	Cured fish	5	1	2	8	64	8,250	10,014	55,058	203,620	320,462	116,842
4	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors [5]	35	20	39	77	1,000	203,897	94,926	620,874	4,239,312	5,711,480	1,472,168
14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	4		14	107	864	(4)	(4)	(4)	(4)	(4)	(4)
7	Die-cut paper and paperboard, and converted cardboard	3	2		5	44	(4)	(4)	(4)	(4)	(4)	(4)
9	Drugs and medicines (including drug grinding)	14	1	18	117	451	(4)	(4)	(4)	(4)	(4)	(4)
15	Electroplating, plating, and polishing	14	14	1	9	94	1,500	19,413	113,734	60,803	310,559	249,756
8	Electrotyping and stereotyping, not done in printing establishments	4		8	22	104	72,660	47,445	216,015	89,040	628,299	539,259
4	Embroideries, other than Schiffli-machine products—contract factories [5]	11	15		5	128		5,480	96,231	54,900	247,351	192,391
14	Enameled iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware	9	1	13	20	164	55,900	30,500	174,432	446,286	902,093	455,807
15	Engraving on metal (except for printing purposes)	7	6	2	9	40	15,700	16,015	64,375	20,412	166,677	146,265
8	Engraving (steel, copperplate, and wood); plate printing	12	8	6	11	112	20,730	14,953	136,141	97,754	392,668	294,914
14	Fabricated structural steel and ornamental metalwork, made in plants not operated in connection with rolling mills	16	13	10	18	120	42,550	35,930	181,770	470,036	976,309	506,273
7	Fiber cans, tubes, and similar products	3	1	5	8	95	(4)	(4)	(4)	(4)	(4)	(4)
20	Fire extinguishers, chemical	3	1	2	2	22	(4)	(4)	(4)	(4)	(4)	(4)
1	Flavoring extracts and flavoring sirups, not elsewhere classified	10	2	11	19	77	43,198	33,052	80,677	672,491	1,365,691	693,200
1	Food preparations, not elsewhere classified	17	6	17	25	107	55,736	36,697	114,979	859,855	1,432,502	572,647
17	Food-products machinery	7	3	8	13	48	(4)	(4)	(4)	(4)	(4)	(4)
12	Footwear (except rubber)	12	3	24	122	2,113	147,882	263,080	2,138,215	3,739,461	6,993,820	3,254,359
4	Fur coats and other fur garments, accessories, and trimmings	16	9	12	11	69	41,279	21,594	100,104	267,126	487,015	219,889
8	General commercial (job) printing	204	153	111	305	1,950	472,420	517,412	2,599,482	3,131,162	9,455,154	6,323,992
16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	9	3	11	257	560	(4)	(4)	(4)	(4)	(4)	(4)
14	Gray-iron and semisteel castings	5		11	78	531	121,940	154,209	686,402	744,285	2,018,253	1,273,968
8	Greeting cards (except hand-painted)	6	1	10	325	887	(4)	(4)	(4)	(4)	(4)	(4)
20	Hand stamps, stencils, and brands	10	9	6	13	63	31,094	18,061	72,391	56,505	278,814	222,309
14	Hardware not elsewhere classified	8	3	7	21	132	21,980	33,819	125,357	247,906	560,930	313,024
4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	22	10	21	27	791	194,029	35,361	648,449	1,903,936	3,030,201	1,126,265
4	Housefurnishings (except curtains, draperies, and bedspreads)	16	14	10	3	202	80,990	1,777	151,475	816,127	1,308,543	492,416
6	Household furniture, except upholstered	23	12	25	21	348	72,728	30,624	366,753	563,312	1,473,867	910,555

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
		BOSTON—Continued										
1	Ice cream and ices	12	4	9	13	153	$42,473	$18,758	$167,975	$1,742,962	$3,127,440	$1,384,478
1	Ice, manufactured	11		7	14	105	9,800	27,572	150,895	231,243	1,540,306	1,309,063
12	Industrial leather belting and packing leather	3	1	2	3	25	(4)	(4)	(4)	(4)	(4)	(4)
17	Industrial machinery, not elsewhere classified	3	3	6	31	136	(4)	(4)	(4)	(4)	(4)	(4)
9	Insecticides, fungicides, and related industrial and household chemical compounds	11	2	14	16	66	27,319	22,427	40,367	191,441	438,431	246,990
20	Jewelry cases and instrument cases	6	4	5	52	342	(4)	(4)	(4)	(4)	(4)	(4)
15	Jewelry (precious metals)	14	9	5	11	32	(4)	(4)	(4)	(4)	(4)	(4)
3	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	11	3	13	21	220	54,871	33,826	175,195	584,854	925,807	340,953
20	Lamp shades	3	3		3	32		3,306	27,929	28,458	75,619	47,161
12	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	15	7	3	1	1	13,130	1,800	1,820	6,089,923	7,045,538	955,615
15	Lighting fixtures	4	3	2	6	36	8,400	11,662	27,832	120,747	247,950	127,203
1	Liquors, rectified or blended	7		9	18	135	(4)	(4)	(4)	(4)	(4)	(4)
8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	17	4	25	44	379	106,807	77,692	501,544	635,015	1,772,289	1,137,274
8	Machine and hand typesetting (including advertisement typesetting)	13	7	19	32	217	(4)	(4)	(4)	(4)	(4)	(4)
17	Machine-shop products, not elsewhere classified [b]	34	20	32	106	512	211,149	213,117	732,504	963,097	2,839,588	1,876,491
17	Machine-shop repairs	12	5	9	5	50	22,122	6,370	69,983	54,278	238,019	183,741
17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	5	2	7	4	80	34,560	9,627	128,932	72,495	306,587	234,092
1	Malt liquors	6		12	85	360	139,494	202,741	612,873	1,609,109	4,978,370	3,369,261
6	Mattresses and bedsprings	25	19	27	40	368	137,211	63,094	358,195	1,296,967	2,305,136	1,008,169
1	Meat packing, wholesale	12	7	15	35	551	(4)	(4)	(4)	(4)	(4)	(4)
4	Men's and boys' hats and caps (except felt and straw) [a]	19	23	11	11	85	27,057	9,581	74,408	192,243	405,127	212,884
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	29	30	15	11	471	31,672	12,982	448,124	95,273	729,762	634,489
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	75	27	63	158	3,118	428,434	303,074	3,558,593	10,303,643	17,221,222	6,917,579
6	Mirror frames and picture frames	8	9	6	7	35	9,037	13,646	34,647	123,686	273,740	150,054
13	Mirrors and other glass products made of purchased glass	10	8	4	7	141	29,579	17,184	197,934	208,224	572,262	364,038
20	Miscellaneous fabricated products not elsewhere classified	10	4	10	17	101	57,007	27,471	79,612	267,647	572,343	304,696
4	Miscellaneous fabricated textile products not elsewhere classified	10	7	9	12	121	36,092	30,317	106,158	859,254	1,135,149	275,895
20	Models and patterns (except paper patterns)	13	11	11	6	116	60,192	14,428	203,024	45,636	495,585	449,949
13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	6	4	3	8	29	6,248	15,104	41,441	166,479	336,265	169,786
18	Motor vehicles, motor-vehicle bodies, parts and accessories	3		4	5	39	9,299	8,423	36,030	54,752	137,666	82,914
8	Newspapers: publishing and printing	18	4	27	1,919	3,113	303,663	4,880,417	6,374,259	9,131,107	30,099,023	20,967,916
8	Newspapers: publishing without printing	6	2	5	14	1	15,537	17,581	1,308	41,244	110,726	69,482
1	Nonalcoholic beverages	30	15	36	44	184	137,377	56,714	201,025	953,658	2,615,634	1,661,976
15	Nonferrous-metal foundries (except aluminum)	8	6	7	7	62	20,695	16,337	84,701	154,693	324,520	169,827
15	Nonferrous-metal products not elsewhere classified	8	8	4	9	48	18,067	15,735	62,647	224,005	429,513	205,508
14	Oil burners, domestic and industrial	5		4		16	10,270		14,411	68,950	121,189	52,239
9	Paints, varnishes, and lacquers	8		12	17	95	96,905	30,177	107,544	688,595	1,280,302	591,707
7	Paperboard containers and boxes not elsewhere classified	24	9	35	80	906	170,250	137,297	844,726	2,675,721	4,939,921	2,264,200
6	Partitions, shelving, cabinet work, and office and store fixtures	20	18	12	19	235	51,064	29,649	353,041	652,878	1,375,406	722,528
9	Perfumes, cosmetics, and other toilet preparations	8	2	9	3	23	32,600	5,304	22,510	136,448	278,024	141,576
8	Periodicals: publishing and printing [a]	8	3	7	62	151	41,044	126,700	248,307	234,290	1,039,691	805,401
8	Periodicals: publishing without printing	51	10	60	269	6	310,285	407,694	5,672	1,610,137	3,774,218	2,164,081
8	Photengraving, not done in printing establishments (including preparation of plates)	17	9	32	36	240	177,542	54,297	496,177	141,013	1,185,650	1,044,637
1	Pickled fruits and vegetables and vegetable sauces and seasonings	5	4	4	6	59	(4)	(4)	(4)	(4)	(4)	(4)
5	Planing mills not operated in conjunction with sawmills	7	6	6	9	40	16,845	7,860	66,188	190,324	351,621	161,297

See footnotes at end of table.

TABLE 10. GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
		BOSTON—Continued										
14	Power boilers and associated products	3		7	6	69	(4)	(4)	(4)	(4)	(4)	(4)
1	Preserves, jams, jellies, and fruit butters	7	1	4	18	142	$17,630	$28,701	$132,248	$1,365,324	$2,183,390	$818,066
3	Processed waste and recovered wool fibers—contract factories	3	2		5	84	(4)	(4)	(4)	(4)	(4)	(4)
20	Professional and scientific instruments (except surgical and dental)	6		12	30	162	64,939	56,377	188,667	216,814	752,442	535,628
16	Radios, radio tubes, and phonographs	3		7	6	66	(4)	(4)	(4)	(4)	(4)	(4)
4	Raincoats and other waterproof garments (except oiled cotton)	11	2	13	27	553	72,425	52,481	383,236	1,631,960	2,549,087	917,127
4	Robes, lounging garments, and dressing gowns	3	1	1	6	41	4,063	7,596	24,567	121,165	189,363	68,198
11	Rubber products not elsewhere classified	10	1	12	43	276	54,156	63,527	249,267	818,370	1,705,439	887,069
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	14	4	20	41	353	99,894	73,702	380,012	5,124,196	6,579,441	1,455,245
14	Screw-machine products and wood screws	6	4	2	21	110	28,500	52,108	146,259	188,339	626,251	437,912
15	Sheet-metal work not specifically classified	26	17	25	20	252	92,809	26,141	303,390	498,893	1,163,365	664,472
20	Signs, advertising displays, and advertising novelties	20	12	10	42	233	40,065	76,196	308,773	426,839	1,134,551	707,712
15	Silverware and plated ware	6	1	8	7	55	23,184	11,265	71,179	89,192	247,699	158,507
17	Special-industry machinery not elsewhere classified	5	2	3	23	106	9,632	34,644	131,982	214,296	590,219	375,923
20	Sporting and athletic goods not elsewhere classified	6	5	1	6	50	11,199	5,692	45,612	151,616	351,363	199,747
14	Stamped and pressed metal products (except automobile stampings)	5	6		27	256	(4)	(4)	(4)	(4)	(4)	(4)
13	Statuary and art goods (except stone and concrete)—factory production [6]	8	4	12	5	70	20,242	5,427	75,686	122,869	337,584	214,715
14	Steam fittings, regardless of material	13		23	341	1,423	204,954	608,870	1,751,032	2,419,529	7,159,378	4,739,849
20	Surgical and medical instruments	4	2	5	3	46	(4)	(4)	(4)	(4)	(4)	(4)
20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	10	2	8	12	71	14,143	18,928	75,533	124,538	292,820	168,282
9	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	6	1	8	11	22	37,445	18,105	26,325	279,034	480,147	201,113
17	Textile machinery	6	1	8	23	108	57,190	56,102	111,591	494,307	1,108,597	614,290
14	Tin cans and other tinware not elsewhere classified	3		3	57	229	(4)	(4)	(4)	(4)	(4)	(4)
14	Tools (except edge tools, machine tools, files, and saws)	6	4	7	34	158	26,291	62,405	194,891	283,352	816,927	533,575
4	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories [6]	10	12	3	7	191	18,600	8,238	136,614	40,544	322,903	282,359
4	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	11	10	5	11	113	(4)	(4)	(4)	(4)	(4)	(4)
6	Upholstered household furniture	30	24	28	23	319	102,500	29,496	326,078	850,451	1,591,387	740,936
6	Window and door screens and weather strip	5	6		1	27		1,664	26,431	65,616	124,552	58,936
6	Window shades	8	8	3	3	40	(4)	(4)	(4)	(4)	(4)	(4)
14	Wirework not elsewhere classified	7	3	5	11	86	34,737	18,070	66,048	182,612	432,270	249,658
4	Women's and misses' blouses and waists—made in contract factories	3	3		1	66	(4)	(4)	(4)	(4)	(4)	(4)
4	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors [6]	11	6	10	17	300	27,180	17,833	244,209	732,966	1,247,196	514,230
4	Women's and misses' dresses (except house dresses)—made in contract factories [6]	36	45	8	11	888	38,726	16,537	865,889	133,521	1,277,341	1,143,820
4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	42	13	67	90	1,540	317,274	140,006	1,639,136	6,259,500	10,424,082	4,164,582
12	Women's pocketbooks, handbags, and purses [6]	5	3	7	6	89	19,830	13,248	71,814	215,054	406,106	191,052
6	Wood products not elsewhere classified	5	4	1		15	2,296		17,101	22,821	63,559	40,738
4	Work clothing (except work shirts), sports garments (except leather), and other men's and boys' apparel, not elsewhere classified	22	15	17	46	733	68,416	62,737	594,711	1,633,089	2,884,824	1,251,735

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
	BOSTON—Continued											
	Other industries [5]	553	275	566	3,302	20,696	$3,587,179	$5,925,343	$22,897,818	$96,142,644	$167,864,949	$71,722,305
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	60	26	49	461	3,015	393,661	840,677	3,919,820	50,799,005	63,168,276	12,369,271
3	Textile-mill products and other fiber manufactures	33	12	44	150	2,818	403,002	254,655	2,423,331	3,844,624	9,128,231	5,283,607
4	Apparel and other finished products made from fabrics and other similar materials	112	85	81	108	2,242	320,040	165,653	1,783,780	5,527,720	9,776,185	4,248,465
6	Furniture and finished lumber products	24	17	13	26	223	47,654	40,404	205,001	596,095	1,144,669	548,574
7	Paper and allied products	10	3	8	30	378	27,744	69,592	428,407	1,197,980	2,262,119	1,064,139
8	Printing, publishing, and allied industries	55	18	75	914	1,129	482,157	1,532,987	1,230,273	3,387,205	11,093,772	7,706,567
9	Chemicals and allied products	32	6	34	158	668	195,313	290,916	802,607	7,054,427	11,657,973	4,603,546
12	Leather and leather products	22	17	19	37	752	133,710	61,427	535,761	1,189,774	2,531,894	1,342,120
14	Iron and steel and their products, except machinery	42	19	56	328	2,260	479,489	743,038	2,718,525	5,747,103	17,017,538	11,270,435
15	Nonferrous metals and their products	22	16	13	16	77	37,154	22,643	104,559	650,879	1,024,810	373,931
16	Electrical machinery	26	8	34	389	1,479	243,789	696,286	1,898,974	4,380,440	11,341,771	6,961,331
17	Machinery (except electrical)	37	10	61	335	2,226	414,119	572,923	3,299,041	4,935,819	12,506,778	7,570,959
20	Miscellaneous industries	51	27	54	239	2,310	270,176	425,764	2,115,540	4,389,257	9,315,949	4,926,692
2	Tobacco manufactures	10	6	8	19	187						
13	Stone, clay, and glass products	8	2	7	26	139						
5	Lumber and timber basic products	1					139,171	208,378	1,432,199	2,442,316	5,894,984	3,452,668
10	Products of petroleum and coal	1	3	10	66	793						
19	Transportation equipment except automobiles	7										
	CAMBRIDGE											
	All industries, total	362	131	387	2,415	16,662	$2,284,393	$4,703,733	$19,097,775	$56,214,541	$127,319,568	$71,105,027
1	Biscuit, crackers, and pretzels	3	-----	1	19	520	(4)	(4)	(4)	(4)	(4)	(4)
8	Bookbinding and related industries	5	1	5	22	138	25,860	43,147	174,990	123,700	390,516	266,816
8	Books: publishing and printing	4	2	8	141	1,229	(4)	(4)	(4)	(4)	(4)	(4)
12	Boot and shoe cut stock and findings	4	-----	12	14	139	47,204	17,958	126,986	397,104	785,996	388,892
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	37	33	10	104	1,205	28,940	218,567	1,631,153	2,686,724	6,763,935	4,077,211
1	Candy and other confectionery products	16	3	24	240	2,478	200,793	383,676	1,927,244	6,816,728	12,458,386	5,641,658
9	Cleaning and polishing preparations, blackings, and dressings	4	-----	4	26	185	(4)	(4)	(4)	(4)	(4)	(4)
4	Coats, suits, and skirts (except fur coats)—made in contract factories	3	3	-----	1	72	-----	936	66,172	5,714	89,785	84,071
13	Concrete products	3	2	5	4	82	(4)	(4)	(4)	(4)	(4)	(4)
15	Electroplating, plating, and polishing	4	3	5	5	88	9,140	7,865	95,792	103,571	263,513	159,942
14	Fabricated structural steel and ornamental metalwork, made in plants not operated in connection with rolling mills	5	2	3	14	45	7,700	24,382	71,804	232,708	450,943	218,235
1	Flavoring extracts and flavoring sirups, not elsewhere classified	3	-----	2	2	49	(4)	(4)	(4)	(4)	(4)	(4)
1	Food preparations, not elsewhere classified	4	4	-----	2	12	-----	1,402	8,197	35,961	70,093	34,132
8	General commercial (job) printing	23	14	17	48	238	80,424	88,104	348,751	524,319	1,345,575	821,256
6	Household furniture, except upholstered	6	1	10	21	212	49,530	44,622	296,909	259,696	889,574	629,878
1	Ice cream and ices	6	2	3	20	50	19,109	35,945	68,443	493,312	1,139,099	645,787
9	Insecticides, fungicides, and related industrial and household chemical compounds	3	-----	5	1	11	(4)	(4)	(4)	(4)	(4)	(4)
17	Machine-shop products, not elsewhere classified	6	1	11	25	198	77,090	70,945	317,476	481,209	1,208,613	727,404
6	Mattresses and bedsprings	3	1	3	5	43	(4)	(4)	(4)	(4)	(4)	(4)
20	Miscellaneous fabricated products not elsewhere classified	3	1	2	2	22	(4)	(4)	(4)	(4)	(4)	(4)
20	Models and patterns (except paper patterns)	3	1	3	1	8	5,580	2,600	11,990	5,511	40,951	35,440
13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	5	2	7	3	32	10,337	4,888	40,031	55,690	141,255	85,565
1	Nonalcoholic beverages	4	-----	4	5	14	(4)	(4)	(4)	(4)	(4)	(4)
15	Nonferrous-metal foundries (except aluminum)	3	1	3	1	27	5,487	1,975	34,749	86,476	141,980	55,504
7	Paperboard containers and boxes not elsewhere classified	4	1	3	42	266	13,060	67,528	256,946	402,489	870,691	468,282

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations	*Salaried employees	*Wage earners (average for year)[2]	Salaries of officers of corporations[1]	Salaries of employees[1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture[3]
	CAMBRIDGE—Continued											
8	Periodicals: publishing without printing	10		5	18		$15,646	$38,439		$164,802	$288,791	$123,989
6	Public-building furniture	3	3	1	1	14	(4)	(4)	(4)	(4)	(4)	(4)
4	Raincoats and other waterproof garments (except oiled cotton)	3	2	2	4	169	12,366	8,041	$169,477	133,551	381,030	247,479
11	Rubber products not elsewhere classified	5	1	9	206	1,151	124,092	406,575	1,510,414	6,757,617	11,456,424	4,698,807
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	3	2	2		2	2,560		1,940	32,404	48,402	15,998
15	Secondary smelting and refining of nonferrous metals, not elsewhere classified	3		5	1	17	(4)	(4)	(4)	(4)	(4)	(4)
15	Sheet-metal work not specifically classified	8	1	10	14	151	47,026	28,273	201,312	354,778	732,077	377,299
9	Soap and glycerin	8	2	6	463	1,225	(4)	(4)	(4)	(4)	(4)	(4)
14	Stamped and pressed metal products (except automobile stampings)	3		7	15	146	(4)	(4)	(4)	(4)	(4)	(4)
6	Upholstered household furniture	4		8	7	98	29,380	9,900	108,176	206,808	396,967	190,159
6	Window and door screens and weather strip	3	1	3	2	16	6,200	2,551	19,388	80,334	136,778	56,444
4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	3	1	2	8	144	(4)	(4)	(4)	(4)	(4)	(4)
	Other industries[5]	192	52	232	1,601	9,865	1,466,869	3,195,414	11,609,435	35,773,335	86,828,194	51,054,859
	OTHER INDUSTRIES, BY INDUSTRY GROUPS[5]											
1	Food and kindred products	23	2	16	53	781	100,509	105,574	856,745	3,119,488	7,514,238	4,394,750
3	Textile-mill products and other fiber manufactures	4		9	29	180	83,020	40,499	175,535	604,022	1,180,875	576,853
4	Apparel and other finished products made from fabrics and similar materials	8	2	7	20	340	28,260	40,780	316,412	760,130	1,289,776	529,646
6	Furniture and finished lumber products	15	11	8	32	241	26,490	58,775	268,717	628,065	1,272,202	644,137
7	Paper and allied products	4		10	10	117	80,633	17,423	147,240	832,447	1,307,835	475,388
8	Printing, publishing, and allied industries	19	8	19	180	1,372	73,099	332,151	1,810,371	1,730,631	6,322,367	4,591,736
9	Chemicals and allied products	28	4	24	551	1,671	134,776	1,151,110	2,288,600	15,796,927	38,564,618	22,767,691
13	Stone, clay, and glass products	8	2	10	18	250	81,432	33,576	347,614	861,845	1,884,933	1,023,088
14	Iron and steel and their products, except machinery	18	4	27	144	933	124,866	263,799	1,455,029	2,179,586	6,290,357	4,110,771
15	Nonferrous metals and their products	8	4	10	4	49	55,400	5,614	49,853	339,189	545,006	205,817
17	Machinery (except electrical)	17	7	21	111	661	167,344	282,504	737,055	1,578,804	4,431,047	2,852,243
20	Miscellaneous industries	19	5	29	122	663	134,616	207,489	593,820	1,296,161	4,049,297	2,753,136
10	Products of petroleum and coal	4	1	1	6	25						
12	Leather and leather products	6		15	106	1,529						
16	Electrical machinery	6	2	14	176	579	376,424	656,120	2,562,444	6,046,040	12,175,643	6,129,603
5	Lumber and timber basic products	2										
11	Rubber products	1		12	39	474						
18	Automobiles and automobile equipment	2										
	FALL RIVER											
	All industries, total	244	158	148	1,153	24,669	$830,832	$1,930,948	$19,393,076	$39,464,422	$72,881,639	$33,417,217
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	48	54	2	17	242	3,640	24,908	244,374	786,542	1,395,483	608,941
3	Cotton broad woven goods	18	1	13	217	9,534	100,888	447,146	8,328,316	9,820,084	21,180,743	11,360,659
3	Cotton narrow fabrics	6	3	7	13	278	46,963	24,122	219,516	461,242	957,187	495,945
3	Cotton yarn	3		5	13	454	(4)	(4)	(4)	(4)	(4)	(4)
4	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	8	5	6	46	738	40,706	54,150	386,602	2,888,149	3,862,612	974,463
3	Dyeing and finishing cotton, rayon, silk, and linen textiles	8		10	87	815	54,921	162,394	719,765	2,933,481	4,722,314	1,788,833
8	General commercial job printing	7	3	4	3	31	4,434	3,445	36,649	37,947	99,318	61,371
4	Housedresses, uniforms, and aprons—made in contract factories	4	2	1	11	334	2,080	23,376	214,120	24,755	347,725	322,970
1	Macaroni, spaghetti, vermicelli, and noodles	3	6			9			(4)	(4)	(4)	(4)

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
	FALL RIVER—Continued											
17	Machine-shop repairs	4	2	4	1	12	(4)	(4)	(4)	(4)	(4)	(4)
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	3	4	3	19	615	$12,000	$31,700	$482,276	$1,242,637	$2,049,643	$807,006
1	Nonalcoholic beverages	7	3	6	2	18	13,720	1,695	12,843	69,087	161,632	92,545
7	Paperboard containers and boxes not elsewhere classified	5	3	5	21	205	(4)	(4)	(4)	(4)	(4)	(4)
5	Planing mills not operated in conjunction with sawmills	4	-----	4	7	48	18,586	11,225	48,680	151,388	287,119	135,731
3	Rayon broad woven goods—regular factories or jobbers engaging contractors	3	-----	3	40	768	(4)	(4)	(4)	(4)	(4)	(4)
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	11	8	3	3	29	4,770	2,917	25,108	389,447	483,378	93,931
17	Textile machinery	4	1	4	13	107	(4)	(4)	(4)	(4)	(4)	(4)
	Other industries [5]	120	75	89	728	11,988	528,124	1,143,870	8,674,827	20,659,663	37,334,485	16,674,822
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	9	8	1	8	63	15,000	14,106	77,391	239,539	533,815	294,276
3	Textile-mill products and other fiber manufactures	25	6	25	235	4,471	104,474	364,658	3,481,639	7,888,704	13,934,310	6,045,606
4	Apparel and other finished products made from fabrics and similar materials	39	37	25	246	5,995	229,784	355,907	3,701,210	8,966,992	15,823,875	6,856,883
6	Furniture and finished lumber products	4	2	4	14	71	7,793	15,970	52,548	122,183	261,751	139,568
14	Iron and steel and their products, except machinery	5	2	3	7	54	12,118	14,784	67,328	148,169	305,534	157,365
17	Machinery (except electrical)	13	7	12	21	152	51,292	37,695	210,572	321,040	1,017,082	696,042
20	Miscellaneous industries	3	2	1	2	10	2,050	1,480	8,612	18,090	41,288	23,198
7	Paper and allied products	6	3	6	22	215						
8	Printing, publishing, and allied industries	4	2	5	50	81						
9	Chemicals and allied products	3	1	-----	3	38						
12	Leather and leather products	3	-----	5	13	176	105,613	339,270	1,075,527	2,954,946	5,416,830	2,461,884
2	Tobacco manufactures	1										
11	Rubber products	1	5	2	107	662						
13	Stone, clay, and glass products	2										
15	Nonferrous metals and their products	2										
	LOWELL											
	All industries, total	204	107	184	1,027	13,828	$973,795	$1,705,270	$12,035,687	$35,556,252	$61,949,591	$26,393,339
12	Boot and shoe cut stock and findings	9	2	12	18	316	25,107	21,281	217,848	618,334	1,059,891	441,557
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	30	31	2	3	143	4,940	4,756	146,927	428,499	770,525	342,026
1	Candy and other confectionery products	3	2	1	2	20	2,500	3,553	16,641	72,974	151,679	78,705
7	Fiber cans, tubes, and similar products	3	-----	7	3	91	(4)	(4)	(4)	(4)	(4)	(4)
12	Footwear (except rubber)	9	2	15	95	1,835	60,122	136,074	1,333,841	2,405,469	4,741,736	2,336,267
8	General commercial (job) printing	11	10	4	60	340	24,110	125,777	496,529	901,652	2,165,205	1,263,553
1	Ice cream and ices	3	3	3	1	7	8,780	1,570	8,435	84,272	130,007	45,735
3	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	4	-----	9	40	636	120,665	62,724	467,712	1,590,591	2,464,463	873,872
6	Mattresses and bedsprings	4	1	4	3	28	13,830	2,228	21,233	92,000	170,136	78,136
8	Newspapers: publishing and printing	5	3	5	107	148	20,670	135,440	243,380	166,810	854,632	687,822
1	Nonalcoholic beverages	5	6	2	3	12	4,650	4,289	10,164	74,434	175,237	100,803
7	Paperboard containers and boxes not elsewhere classified	7	5	6	13	137	18,183	18,493	100,829	465,167	787,411	322,244
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	3	1	3	7	57	(4)	(4)	(4)	(4)	(4)	(4)
17	Textile machinery	10	4	12	24	242	100,287	37,881	245,593	537,148	1,182,183	645,035
3	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	9	3	6	78	2,327	20,763	181,107	2,080,129	9,701,770	15,180,797	5,479,027

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
	LOWELL Continued											
	Other industries [5]	95	35	103	580	7,635	$549,188	$970,097	$6,646,426	$18,417,132	$32,115,689	$13,698,557
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	12	2	16	38	703	105,062	90,537	600,006	3,214,702	6,957,498	3,742,796
3	Textile mill products and other fiber manufactures	25	7	30	342	5,108	237,342	605,102	4,065,779	9,219,250	15,457,070	6,237,820
4	Apparel and other finished products made from fabrics and similar materials	10	4	6	31	324	28,440	48,788	216,610	549,906	1,051,874	501,968
8	Printing, publishing, and allied industries	5	5		4	26		8,393	39,576	20,933	118,492	97,559
14	Iron and steel and their products, except machinery	7	1	13	12	80	55,949	15,649	92,724	183,507	401,933	218,426
17	Machinery (except electrical)	7	5	5	8	29	7,404	9,389	32,065	38,385	106,273	67,888
6	Furniture and finished lumber products	5	1	8	19	286						
7	Paper and allied products	3		7	3	91						
9	Chemicals and allied products	6	2	6	13	53						
12	Leather and leather products	4	3	3	9	521						
15	Nonferrous metals and their products	3	1	1	5	28	114,991	192,239	1,599,666	5,190,449	8,022,549	2,832,100
5	Lumber and timber basic products	1										
11	Rubber products	1										
13	Stone, clay, and glass products	2	4	8	96	386						
16	Electrical machinery	2										
20	Miscellaneous industries	2										
	LYNN											
	All industries, total	272	167	247	2,699	12,656	$1,204,587	$6,126,556	$17,086,325	$25,161,409	$70,495,275	$45,333,866
12	Boot and shoe cut stock and findings	40	32	29	58	618	95,819	66,518	515,936	2,389,717	3,690,934	1,301,217
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	30	27	7	44	947	56,330	64,927	1,666,951	1,721,110	4,158,730	2,437,620
1	Candy and other confectionery products	3		4	.....	38	(4)		(4)	(4)	(4)	(4)
9	Cleaning and polishing preparations, blackings, and dressings	9	4	12	10	32	50,725	12,978	37,676	195,507	468,935	273,428
14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	10	11	8	10	202	(4)	(4)	(4)	(4)	(4)	(4)
9	Drugs and medicines (including drug grinding)	3		9	29	43	(4)	(4)	(4)	(4)	(4)	(4)
1	Food preparations, not elsewhere classified	3	1	7	3	19	(4)	(4)	(4)	(4)	(4)	(4)
12	Footwear (except rubber)	35	9	49	102	1,789	128,958	152,455	1,224,623	2,076,077	4,110,788	2,034,711
8	General commercial (job) printing	14	16	9	8	49	20,460	6,472	58,899	83,154	260,323	177,169
6	Lasts and related products	7		12	20	161	(4)	(4)	(4)	(4)	(4)	(4)
12	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	7		10	63	944	158,350	119,555	1,103,434	3,395,781	5,436,128	2,040,347
6	Mattresses and bedsprings	5	3	4	5	24	10,564	3,053	25,865	131,237	215,464	84,227
20	Miscellaneous fabricated products not elsewhere classified	3	2		3	13		3,521	9,543	13,570	60,147	46,577
20	Models and patterns (except paper patterns)	4	4	1		27	3,500		51,344	23,521	107,418	83,897
13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	3	2	1	1	8	3,000	1,170	11,583	9,531	35,231	25,700
1	Nonalcoholic beverages	5	1	5	8	40	22,021	11,547	48,952	209,535	429,871	220,336
11	Rubber products not elsewhere classified	4	2	4	12	33	(4)	(4)	(4)	(4)	(4)	(4)
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	4	5	3	6	24	5,160	3,095	25,094	229,854	325,462	95,608
17	Special-industry machinery, not elsewhere classified	6	2	6	9	47	(4)	(4)	(4)	(4)	(4)	(4)
6	Wood products not elsewhere classified	3	3	2	3	35	4,264	6,264	31,282	47,147	117,542	70,395
	Other industries [5]	110	59	115	2,388	8,106	645,436	5,675,001	12,275,143	14,635,668	51,078,302	36,442,634
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	11	5	14	8	89	68,135	12,338	93,020	463,941	1,022,553	558,612
4	Apparel and other finished products made from fabrics and similar products	12	3	14	23	409	78,299	31,329	313,054	879,963	1,542,367	662,404
6	Furniture and finished lumber products	12	1	18	23	197	46,368	40,103	252,989	244,931	749,401	504,470
12	Leather and leather products	4	3	2	6	40	7,242	8,338	30,657	50,044	112,228	62,184
14	Iron and steel and their products, except machinery	21	20	21	35	459	168,708	60,369	521,097	553,744	1,807,150	1,253,406

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
	OTHER INDUSTRIES, ETC.[5]—Continued											
	LYNN—Continued											
15	Nonferrous metals and their products	5	7	.....	3	23	.....	$1,453	$23,163	$41,167	$93,953	$52,786
17	Machinery (except electrical)	13	8	8	35	183	$35,396	71,687	225,226	263,194	786,687	523,493
20	Miscellaneous industries	6	4	3	43	217	6,116	102,924	366,650	596,507	1,537,578	941,071
8	Printing, publishing, and allied industries	4	3	2	77	112						
9	Chemicals and allied products	4	1	9	29	44						
11	Rubber products	4	2	4	12	33						
16	Electrical machinery	5	.....	7	2,065	5,859						
3	Textile-mill products and other fiber manufactures	3					235,172	5,346,460	10,449,287	11,542,177	43,426,385	31,884,208
5	Lumber and timber basic products	1										
7	Paper and allied products	1	2	13	29	441						
13	Stone, clay, and glass products	2										
18	Automobiles and automobile equipment	2										
	NEW BEDFORD											
	All industries, total	197	135	112	1,293	22,115	$670,556	$2,133,105	$19,081,947	$36,253,580	$72,807,267	$36,553,687
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	43	49	4	36	358	8,840	62,589	449,950	1,002,031	2,234,891	1,232,860
3	Cotton broad woven goods	11	.....	17	222	6,987	99,454	421,562	5,879,410	8,786,700	18,802,348	10,015,648
3	Cotton yarn	3	.....	6	72	2,343	54,200	138,062	1,751,399	3,214,479	5,652,217	2,437,738
8	General commercial (job) printing	8	7	2	6	43	10,400	8,627	46,163	60,880	188,431	127,551
1	Ice cream and ices	3	3	.....	4	6	.....	5,741	7,745	97,596	175,956	78,360
17	Machine-shop products, not elsewhere classified	4	3	2	2	18	(4)	(4)	(4)	(4)	(4)	(4)
17	Machine-shop repairs	7	5	.....	7	38	.....	8,189	48,060	83,182	204,767	121,585
8	Newspapers: publishing and printing	4	1	1	94	106	(4)	(4)	(4)	(4)	(4)	(4)
1	Nonalcoholic beverages	7	5	2	3	14	1,658	5,450	14,221	69,962	181,864	111,902
5	Planing mills not operated in conjunction with sawmills	5	3	3	4	27	3,447	4,732	24,661	64,521	116,489	51,968
3	Rayon broad woven goods—contract factories	3	2	1	8	147	2,250	5,711	99,365	24,120	156,260	132,140
3	Rayon broad woven goods—regular factories or jobbers engaging contractors	4	.....	5	132	4,362	(4)	(4)	(4)	(4)	(4)	(4)
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	11	7	6	2	24	11,070	3,668	26,707	351,955	465,237	113,282
20	Signs, advertising displays, and advertising novelties	3	3	2	1	7	2,469	1,170	7,233	9,823	32,191	22,368
17	Textile machinery	9	8	2	19	100	18,364	26,605	106,935	160,027	426,123	266,096
	Other industries [5]	84	43	67	909	12,019	458,404	1,440,999	10,620,098	22,328,304	44,170,493	21,842,189
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	4	1	3	23	98	23,016	49,005	147,753	856,484	2,082,857	1,226,373
3	Textile-mill products and other fiber manufactures	15	6	15	171	4,663	104,335	310,148	4,142,818	9,130,950	15,797,255	6,666,305
4	Apparel and other finished products made from fabrics and similar materials	19	14	9	111	2,851	29,520	160,004	1,815,204	4,488,479	7,594,454	3,105,975
7	Paper and allied products	4	1	2	26	361	10,100	37,376	313,737	322,884	800,088	477,204
12	Leather and leather products	7	.....	10	72	1,063	46,152	136,107	885,670	2,033,396	4,027,694	1,994,298
16	Electrical machinery	4	1	6	110	842	36,720	142,701	600,960	847,697	2,131,936	1,284,239
6	Furniture and finished lumber products	3	6	.....	3	37						
8	Printing, publishing, and allied industries	6	3	1	95	112						
9	Chemicals and allied products	4	1	5	59	425						
14	Iron and steel and their products, except machinery	3	1	6	36	349						
15	Nonferrous metals and their products	4	2	3	107	502	208,561	605,658	2,713,956	4,648,414	11,736,209	7,087,795
17	Machinery (except electrical)	5	3	5	74	590						
19	Transportation equipment except automobiles	3	4	.....	7	82						
10	Products of petroleum and coal	1										
13	Stone, clay, and glass products	1	.....	2	15	44						
20	Miscellaneous industries	1										

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Group	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year)	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
	SOMERVILLE											
	All industries, total	132	78	89	603	5,220	$533,508	$1,140,056	$7,163,363	$50,557,584	$70,512,408	$19,954,824
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	31	30	2	103	1,190	3,800	163,424	1,624,575	3,673,895	7,341,388	3,667,493
1	Candy and other confectionery products	4	2	1	7	156	(4)	(4)	(4)	(4)	(4)	(4)
14	Fabricated structural steel and ornamental metalwork, made in plants not operated in connection with rolling mills	5	4	5	12	48	(4)	(4)	(4)	(4)	(4)	(4)
8	General commercial (job) printing	7	4	8	2	64	26,884	2,050	86,528	64,166	207,834	143,668
1	Ice cream and ices	3	2	2	12	44	(4)	(4)	(4)	(4)	(4)	(4)
1	Nonalcoholic beverages	4	2		4	75	(4)	(4)	(4)	(4)	(4)	(4)
1	Sausages, prepared meats, and other meat products not made in meat-packing establishments	3	1	1	14	228	(4)	(4)	(4)	(4)	(4)	(4)
6	Upholstered household furniture	3		6	8	78	46,777	11,246	88,511	303,371	543,329	239,958
6	Wood products not elsewhere classified	3	1	5	11	91	(4)	(4)	(4)	(4)	(4)	(4)
	Other industries [2]	91	44	73	490	3,888	456,047	963,336	5,363,749	46,516,152	62,419,857	15,903,705
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [3]											
1	Food and kindred products	27	13	9	288	1,741	69,030	509,024	2,672,003	25,296,733	31,595,889	6,299,156
6	Furniture and finished lumber products	11	7	11	20	213	59,321	39,179	235,332	621,419	1,180,424	559,005
7	Paper and allied products	5	4	12	35	471	145,533	171,001	474,694	2,586,071	4,957,606	2,371,535
8	Printing, publishing, and allied industries	3	2		5	5		5,264	4,879	4,437	20,756	16,319
9	Chemicals and allied products	6		4	22	136	7,000	53,361	211,586	1,320,465	1,935,623	615,158
14	Iron and steel and their products, except machinery	9	6	8	30	88	55,081	48,811	123,079	351,110	810,841	459,731
15	Nonferrous metals and their products	7	3	5	4	59	10,400	6,475	77,518	304,032	526,065	222,033
17	Machinery (except electrical)	6		12	20	92	49,014	32,683	105,774	216,785	550,813	334,028
4	Apparel and other finished products made from fabrics and similar materials	3	2	2	3	17						
20	Miscellaneous industries	6	5	3	8	63						
2	Tobacco manufactures	1										
5	Lumber and timber basic products	2										
10	Products of petroleum and coal	1	2	7	35	1,003	60,668	97,538	1,458,884	15,815,100	20,841,840	5,026,740
12	Leather and leather products	1										
16	Electrical machinery	1										
18	Automobiles and automobile equipment	2										
	SPRINGFIELD											
	All industries, total	310	142	299	2,139	13,846	$1,830,252	$3,737,039	$17,647,797	$34,586,173	$81,795,639	$47,209,466
8	Books: printing without publishing	6		11	20	84	36,802	32,343	118,964	164,583	460,062	295,479
8	Books: publishing without printing	3		7	74		(4)	(4)	(4)	(4)	(4)	(4)
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	48	40	9	58	867	40,618	111,328	1,382,557	2,263,681	4,746,074	2,482,393
1	Candy and other confectionery products	3	1			20			18,147	44,869	71,833	26,964
2	Cigars	3	2		4	25	(4)	(4)	(4)	(4)	(4)	(4)
4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	5	2	5	17	335	26,502	34,601	275,169	850,211	1,371,151	520,940
8	General commercial (job) printing	26	21	15	49	380	56,736	80,921	423,035	421,856	1,194,821	772,965
20	Hand stamps, stencils, and brands	4	2	2	2	36	6,414	1,648	31,359	31,964	129,078	97,114
14	Hardware not elsewhere classified	5		4	13	200	(4)	(4)	(4)	(4)	(4)	(4)
1	Ice cream and ices	5	2	1	13	46	7,500	13,998	58,806	456,977	739,652	282,675
1	Ice, manufactured	3	1	1	3	15	3,100	5,778	16,737	16,981	111,755	94,774
8	Machine and hand typesetting (including advertisement typesetting)	3	1	4	2	7	(4)	(4)	(4)	(4)	(4)	(4)
17	Machineshop products, not elsewhere classified	3		5	213	1,221	(4)	(4)	(4)	(4)	(4)	(4)
17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	5	2	4	10	68	34,601	13,193	97,862	78,761	291,453	212,692
6	Mattresses and bedsprings	4	2	3	5	38	11,000	6,988	42,879	129,381	238,031	108,650
20	Models and patterns (except paper patterns)	4	3	2	2	34	6,240	2,680	61,067	17,822	112,746	94,924
1	Nonalcoholic beverages	4		7	25	32	42,700	26,620	46,524	373,955	907,948	533,993
15	Nonferrous-metal foundries (except aluminum)	5	2	6	11	164	48,886	21,645	244,683	472,328	911,097	438,769

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
	SPRINGFIELD—Continued											
7	Paperboard containers and boxes not elsewhere classified	4	2	4	5	72	(4)	(4)	(4)	(4)	(4)	(4)
14	Saws	3		5	11	71	(4)	(4)	(4)	(4)	(4)	(4)
4	Trousers (semidress), wash suits, and washable service apparel	3	3		6	48	(4)	(4)	(4)	(4)	(4)	(4)
6	Upholstered household furniture	3		3	10	141	(4)	(4)	(4)	(4)	(4)	(4)
	Other industries [5]	188	64	233	1,924	11,728	$1,509,153	$3,385,296	$14,830,008	$29,262,804	$70,509,938	$41,247,134
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	13	7	9	24	104	66,255	40,361	125,630	1,210,276	1,832,881	622,605
3	Textile-mill products and other fiber manufactures	7		11	68	673	61,159	95,019	643,383	2,111,728	3,438,603	1,326,875
4	Apparel and other finished products made from fabrics and similar materials	15	8	10	19	279	31,397	35,198	217,484	791,146	1,349,342	558,196
6	Furniture and finished lumber products	12	7	4	46	563	19,160	67,997	712,157	1,406,151	2,417,442	1,011,291
7	Paper amd allied products	10	2	20	56	812	92,313	162,019	900,160	3,032,181	5,596,094	2,563,913
8	Printing, and publishing, and allied industries	31	4	47	179	438	267,423	263,087	623,582	1,085,896	3,431,364	2,345,468
9	Chemicals and allied products	13	1	19	293	980	135,155	467,758	1,333,273	4,200,864	9,734,511	5,533,647
13	Stone, clay, and glass products	12	5	7	11	127	30,088	26,716	145,369	492,869	1,009,940	517,071
14	Iron and steel and their products, except machinery	22	3	39	170	1,067	301,271	301,850	1,421,394	2,534,937	5,711,074	3,176,137
15	Nonferrous metals and their products	9	7	10	21	162	24,937	44,982	218,804	219,525	782,353	562,828
16	Electrical machinery	7		7	512	2,950	56,926	1,105,745	4,257,788	5,685,691	18,136,307	12,450,616
17	Machinery (except electrical)	12	2	28	391	2,258	249,971	566,199	2,874,032	3,908,506	11,382,815	7,474,309
20	Miscellaneous industries	15	15	10	80	618	83,733	123,314	594,316	774,529	1,836,330	1,061,801
2	Tobacco manufactures	3	2		4	25						
12	Leather and leather products	4	1	6	8	283						
5	Lumber and timber basic products	1					89,365	85,051	762,636	1,808,505	3,850,882	2,042,377
18	Automobiles and automobile equipment	1		6	42	389						
19	Transportation equipment except autobiles	1										
	WORCESTER											
	All industries, total	523	264	544	4,250	26,588	$3,648,817	$8,678,926	$34,689,280	$68,651,776	$155,420,438	$86,768,662
8	Books: printing without publishing	3	4	2	4	40	5,450	7,820	67,498	79,477	240,769	161,292
12	Boot and shoe cut stock and findings	4	1	4	10	189	32,800	17,860	160,082	847,774	1,233,606	385,832
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	64	54	8	49	736	75,200	76,979	987,141	2,296,127	4,413,585	2,117,458
4	Coats, suits, and skirts (except fur coats)—made in contract factories	4	3	3	2	133	5,000	5,000	78,456	16,385	139,294	122,909
4	Corsets and allied garments	5	2	7	35	390	30,944	47,165	306,573	615,436	1,326,899	711,463
14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	3	2	1	10	72	(4)	(4)	(4)	(4)	(4)	(4)
15	Electroplating, plating, and polishing	9	7	8	8	128	(4)	(4)	(4)	(4)	(4)	(4)
8	Electrotyping and stereotyping, not done in printing establishments	3	1	2	7	26	(4)	(4)	(4)	(4)	(4)	(4)
7	Envelopes	7		14	77	835	45,288	199,219	929,432	1,910,882	4,144,997	2,234,115
14	Fabricated structural steel and ornamental metalwork, made in plants not operated in connection with rolling mills	4		5	14	45	25,572	18,224	64,806	182,747	345,069	162,322
12	Footwear (except rubber)	14		30	229	3,046	222,602	384,396	2,390,462	5,366,879	9,635,971	4,269,092
8	General commercial (job) printing	26	13	25	49	464	97,571	85,325	545,955	556,761	1,663,942	1,107,181
16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	3	1	4	3	19	(4)	(4)	(4)	(4)	(4)	(4)
14	Gray-iron and semisteel castings	7	5	8	20	268	80,859	41,564	435,182	260,679	1,012,150	751,47
1	Ice cream and ices	5	1	5	7	21	40,800	9,308	22,912	299,559	622,489	322,93
1	Ice, manufactured	5	2	5	4	18	16,728	8,926	25,891	46,612	183,391	136,779
12	Industrial leather belting and packing leather	4	3	2	3	267	(4)	(4)	(4)	(4)	(4)	(4)
8	Machine and hand typesetting (including advertisement typesetting)	3	2	1	2	6	3,130	1,196	6,849	5,778	29,395	23,617
17	Machine-shop products, not elsewhere classified	8	3	15	23	260	82,864	49,006	317,346	325,488	1,028,898	703,410
17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	10	6	9	40	278	116,500	71,042	380,059	333,724	1,176,503	842,779

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
		WORCESTER—Continued										
17	Machine tools	6		20	659	2,260	$337,600	$1,305,199	$4,026,066	$4,670,135	$17,402,347	$12,732,212
6	Mattresses and bedsprings	8	3	8	6	43	12,240	9,891	33,848	144,155	234,096	89,941
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	4	4	..	.....	21	.....	.....	(4)	(4)	(4)	(4)
8	Newspapers: publishing and printing	3	1	6	189	231	(4)	(4)	(4)	(4)	(4)	(4)
1	Nonalcoholic beverages	11	8	4	13	42	(4)	(4)	(4)	(4)	(4)	(4)
6	Partitions, shelving, cabinet work, and office and store fixtures	3	3	..	2	19	..	965	26,376	23,933	80,519	56,586
8	Photo engraving, not done in printing establishments (including preparation of plates)	5	7	7	12	47	23,116	15,023	81,556	23,621	224,584	200,963
5	Planing mills not operated in conjunction with sawmills	6	7	5	6	55	(4)	(4)	(4)	(4)	(4)	(4)
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments [b]	9	8	3	4	61	14,440	7,022	68,304	669,045	825,159	156,114
14	Screw-machine products and wood screws [b]	10	4	34	131	758	108,450	195,894	1,052,498	916,263	3,048,498	2,132,235
15	Sheet metal work not specifically classified	7	5	3	1	26	(4)	(4)	(4)	(4)	(4)	(4)
14	Stamped and pressed metal products (except automobile stampings) [a]	10	1	17	87	638	125,122	191,057	746,995	1,011,869	2,632,900	1,621,031
17	Textile machinery	15	3	19	231	1,345	216,266	476,576	1,974,545	2,106,744	7,521,487	5,414,743
14	Tools (except edge tools, machine tools, files, and saws)	5	3	3	14	72	13,019	20,259	84,340	134,423	330,008	195,585
6	Upholstered household furniture	4	3	5	1	54	(4)	(4)	(4)	(4)	(4)	(4)
6	Window shades	3	2	1	...	9	1,560	.....	10,694	31,608	60,034	28,426
14	Wire drawn from purchased rods [a]	8	.....	8	411	2,790	143,775	927,872	4,594,610	8,342,773	17,641,075	9,298,302
6	Wooden boxes except cigar boxes	3	2	6	19	129	(4)	(4)	(4)	(4)	(4)	(4)
6	Wood products not elsewhere classified	6	3	2	8	46	4,010	12,475	52,880	67,579	174,051	106,472
3	Woolen and worsted manufactures—contract factories	6	4	5	15	174	8,659	23,419	162,986	23,578	287,262	263,684
3	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	6	1	8	71	1,289	154,400	181,386	1,531,285	3,161,033	6,346,807	3,185,774
4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	6	3	7	6	83	(4)	(4)	(4)	(4)	(4)	(4)
	Other industries [5]	260	132	276	2,083	10,493	1,685,078	4,380,861	13,811,855	34,959,294	73,153,276	38,193,982
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	22	18	10	23	108	31,712	39,385	138,551	900,883	1,756,722	855,839
3	Textile-mill products and other fiber manufactures	21	3	35	149	1,066	178,079	237,285	951,752	3,200,535	5,261,275	2,060,740
4	Apparel and other finished products made from fabrics and similar materials	39	29	30	56	1,052	85,496	68,634	666,990	2,319,608	3,883,071	1,563,463
6	Furniture and finished lumber products	15	8	17	44	285	65,440	73,996	290,177	675,388	1,406,489	731,101
7	Paper and allied products	9	4	6	16	234	65,378	59,047	284,359	762,619	1,610,980	848,361
8	Printing, publishing, and allied industries	17	5	22	249	402	177,272	541,590	716,122	743,970	3,945,606	3,201,636
9	Chemicals and allied products	13	7	11	41	136	54,954	60,325	145,178	760,114	1,618,192	858,078
12	Leather and leather products	10	4	11	12	658	40,408	22,908	768,455	4,017,689	6,700,311	2,682,622
14	Iron and steel and their products, except machinery	25	6	31	653	3,185	144,989	1,421,978	4,813,706	11,807,253	21,357,712	9,550,459
15	Nonferrous metals and their products	27	15	32	38	305	90,077	55,231	339,335	449,708	1,228,385	778,677
17	Machinery (except electrical)	20	4	33	234	781	375,595	574,993	1,110,484	2,553,429	5,960,466	3,407,037
20	Miscellaneous industries	20	17	13	16	242	34,205	42,225	271,729	339,366	934,254	594,888
5	Lumber and timber basic products	6	7	5	6	55						
13	Stone, clay, and glass products	4	1	11	435	1,519						
16	Electrical machinery	6	3	5	22	153						
2	Tobacco manufactures	2					341,473	1,183,264	3,315,017	6,428,732	17,489,813	11,061,081
10	Products of petroleum and coal	1										
11	Rubber products	1	1	4	89	312						
19	Transportation equipment except automobiles	2										

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] Figures do not include data for personnel of central-administrative offices.
[2] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.
[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[4] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figure
[5] For numbers of establishments and of wage earners in individual industries, see table 12.

[a] and [b] To avoid disclosing exact or approximate data for individual establishments, the data for certain establishments located outside the cities have been included in the figures for the industries to which these footnotes are indexed. Data for these establishments are not, however, included in the totals for the cities.
[a] 1 establishment. [b] 2 establishments.

TABLE 11.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939

COUNTY	Total	INDUSTRY GROUP																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
The State	9,007	1,952	26	572	884	151	486	311	1,101	364	29	68	779	251	530	363	101	516	21	52	450
Barnstable	36	15			2	1	2		7	2				2	1					4	
Berkshire	176	56	1	18	4	8	6	24	21	3			5	9	4	4	3	7			3
Bristol	780	188	1	115	80	14	14	18	43	20	3	5	19	13	38	89	5	56		7	52
Dukes	7	3							2											1	1
Essex	1,081	229	1	49	28	14	45	13	71	53	4	11	344	19	47	19	16	64	3	19	32
Franklin	83	17		2	1	8	6	7	7	2			2	1	10	1		12			7
Hampden	650	164	6	35	31	6	29	64	101	23	1	1	7	24	49	26	11	33	2	2	35
Hampshire	117	29		12	4	9	10	10	11	3		2	4	1	10	1		5			6
Middlesex	1,585	376	2	110	67	34	94	57	172	109	15	19	97	57	107	68	22	96	10	3	70
Nantucket	2	1							1												
Norfolk	421	78		51	12	6	10	14	58	17	4	9	22	59	20	9	5	24	1	3	19
Plymouth	364	73	1	11	10	13	12	7	38	17		5	107	6	22	5	5	13	1	2	16
Suffolk	2,586	500	11	49	582	10	156	55	474	91	1	13	111	40	124	100	27	100	3	8	131
Worcester	1,119	223	3	120	63	28	102	42	95	24	1	3	61	20	98	41	7	106	1	3	78

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE BOSTON, PROVIDENCE-FALL RIVER-NEW BEDFORD, SPRINGFIELD-HOLYOKE, AND WORCESTER INDUSTRIAL AREAS, AND FOR BOSTON, CAMBRIDGE, FALL RIVER, LOWELL, LYNN, NEW BEDFORD, SOMERVILLE, SPRINGFIELD, AND WORCESTER: 1939

[In order to avoid disclosing data for individual establishments, wage-earner figures for industries represented by fewer than three establishments are withheld]

Group No.[1]	TITLE	Number of establishments	Wage earners
	STATE OF MASSACHUSETTS		
1	Baking powder, yeast, and other leavening compounds	2	
	Blended and prepared flour made from purchased flour	2	
	Cane-sugar refining	2	
	Canned and dried fruits and vegetables (including canned soups)	7	209
	Cereal preparations	2	
	Chewing gum	2	
	Corn sirup, corn sugar, corn oil, and starch	1	
	Creamery butter	3	13
	Custom slaughtering, wholesale	1	
	Salad dressings	4	79
	Sausage casings—not made in meat-packing establishments	1	
	Special dairy products	1	
	Wines	1	
2	Cigarettes	1	
	Tobacco (chewing and smoking) and snuff	4	
3	Carpet yarn, woolen and worsted	1	
	Hat bodies and hats, fur-felt	4	324
	Hat bodies and hats, wool-felt	4	2,076
	Hats, straw	2	
	Hatters' fur	1	
	Hosiery—full-fashioned	8	2,510
	Jute goods (except felt)	1	
	Knitted outerwear (except knit gloves)—contract factories	2	
	Lace goods	1	
	Linoleum, asphalted-felt-base and other hard-surface floor coverings, not elsewhere classified	1	
	Rayon yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	2	
	Silk broad woven goods—contract factories	2	
	Silk broad woven goods—regular factories or jobbers engaging contractors	1	
	Silk narrow fabrics	1	
4	Children's coats—made in inside factories or by jobbers engaging contractors	1	
	Children's dresses—made in contract factories	1	
	Embroideries: Schiffli-machine products	1	
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in contract factories	2	
	Men's and boys' underwear—made in inside factories or by jobbers engaging contractors	1	
	Men's neckwear—made in contract factories	2	
	Women's and misses' blouses and waists—made in contract factories	3	66
	Women's and misses' clothing, not elsewhere classified—made in contract factories	6	240
	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	3	98
	Women's, children's, and infants' underwear and nightwear of knitted fabrics	7	341
	Women's neckwear, scarfs, etc	2	
6	Baskets for fruits and vegetables	1	
	Cigar boxes: wooden, part wooden	2	
	Cork products	1	
	Matches	1	
	Public-building furniture	12	1,538
	Wood preserving	2	
7	Pulp mills	2	
	Wallpaper	2	
	STATE OF MASSACHUSETTS—Continued		
9	Bluing	1	
	Bone black, carbon black, and lampblack	1	
	Candles	1	
	Coal-tar products, crude and intermediate	2	
	Colors and pigments	2	
	Explosives	1	
	Fireworks	3	138
	Fish and other marine oils, cake, and meal	2	
	Hardwood distillation and charcoal manufacture	1	
	Lubricating oils and greases—not made in petroleum refineries	4	22
	Mucilage, paste, and other adhesives, except glue and rubber cement	5	32
	Plastic materials	4	882
	Rayon and allied products	2	
	Soap and glycerin	24	1,471
	Vegetable and animal oils, not elsewhere classified	3	10
	Writing ink	3	116
10	Oven coke and coke-oven byproducts	1	
	Petroleum refining	3	594
	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	6	
11	Tires and inner tubes	1	
12	Leather gloves and mittens	2	
	Saddlery, harness, and whips	3	
13	Abrasive wheels, stone, paper, cloth, and related products	18	2,019
	China firing and decorating (for the trade)	1	
	Clay products (except pottery) not elsewhere classified	2	
	Clay refractories, including refractory cement (clay)	1	
	Gypsum products	1	
	Minerals and earths, ground or otherwise treated	2	
	Nonclay refractories	1	
	Pottery products not elsewhere classified	3	68
	Sand-lime brick, block, and tile	2	
	Tableware, pressed or blown glass, and glassware not elsewhere classified	2	
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	1	
14	Blast-furnace products	1	
	Cast-iron pipe and fittings	1	
	Enameling, japanning, and lacquering	2	
	Files	1	
	Malleable-iron castings	2	
	Saws	11	749
	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	1	
	Steam and hot-water heating apparatus (including hot-water furnaces)	1	
	Steel barrels, kegs, and drums	1	
	Steel castings	3	266
	Steel works and rolling mills	4	1,950
	Vitreous-enameled products, including kitchen, household, and hospital utensils	2	
	Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills	1	
15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	4	32
	Lapidary work	2	
	Secondary smelting and refining, gold, silver, and platinum	4	

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE BOSTON, PROVIDENCE-FALL RIVER-NEW BEDFORD, SPRINGFIELD-HOLYOKE, AND WORCESTER INDUSTRIAL AREAS, AND FOR BOSTON, CAMBRIDGE, FALL RIVER, LOWELL, LYNN, NEW BEDFORD, SOMERVILLE, SPRINGFIELD, AND WORCESTER: 1939—Continued

Group No.	TITLE	Number of establishments	Wage earners
	STATE OF MASSACHUSETTS—Continued		
16	Automotive electrical equipment	3	
	Batteries, storage and primary (dry and wet)	5	75
	Electrical appliances	5	2,321
	Electrical measuring instruments	3	2,091
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	32	8,206
	Insulated wire and cable	8	715
	X-ray and therapeutic apparatus and electronic tubes	1	
17	Blowers, exhaust and ventilating fans	6	1,034
	Cars and trucks, industrial	1	
	Construction and similar machinery (except mining and oil-field machinery and tools	2	
	Measuring and dispensing pumps	1	
	Metalworking machinery and equipment, not elsewhere classified	8	354
	Office and store machines not elsewhere classified	5	338
	Sewing machines, domestic and industrial	3	123
	Special industry machinery, not elsewhere classified	29	2,548
	Steam engines, turbines, and water wheels	2	
	Stokers, mechanical, domestic and industrial	1	
	Vending, amusement, and other coin-operated machines	1	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	21	1,249
19	Aircraft and parts, including aircraft engines	1	
	Cars and car equipment—railroad, street, and rapid-transit	1	
	Shipbuilding and ship repairing	27	
20	Artists' materials	1	
	Beauty-shop and barber-shop equipment	1	
	Carbon paper and inked ribbons	2	
	Feathers, plumes, and artificial flowers	3	36
	Fire extinguishers, chemical	3	22
	Furs, dressed and dyed	2	
	Hair work	2	
	Needles, pins, hooks and eyes, and slide and snap fasteners	3	93
	Optical instruments and lenses	2	
	Organs	3	79
	Pencils (except mechanical) and crayons	4	39
	Photographic apparatus and materials and projection equipment (except lenses)	3	414
	Piano and organ parts and materials	2	
	Pianos	2	
	Soda fountains, beer dispensing equipment, and related products	2	
	Sporting and athletic goods not elsewhere classified	19	1,533
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	28	808
	Tobacco pipes and cigarette holders	1	
	BOSTON INDUSTRIAL AREA		
1	Baking powder, yeast, and other leavening compounds	1	
	Biscuit, crackers, and pretzels	11	1,446
	Blended and prepared flour made from purchased flour	2	
	Cane-sugar refining	2	
	Canned and dried fruits and vegetables (including canned soups)	3	133
	Canned fish, crustacea, and mollusks	1	
	Cereal preparations	1	
	Chewing gum	2	
	Chocolate and cocoa products	4	
	Corn sirup, corn sugar, corn oil, and starch	1	
	Creamery butter	3	13
	Cured fish	14	
	Custom slaughtering, wholesale	1	
	Flavoring extracts and flavoring sirups, not elsewhere classified	19	134
	Flour and other grain-mill products	2	
	Liquors, distilled	3	
	Macaroni, spaghetti, vermicelli, and noodles	7	80
	Pickled fruits and vegetables and vegetable sauces and seasonings	8	116
	Salad dressings	4	79
	Sausage casings, not made in meat-packing establishments	1	
	Special dairy products	1	
	Vinegar and cider	7	
	Wines	1	
2	Cigarettes	1	
	Cigars	10	
	Tobacco (chewing and smoking) and snuff	3	18
3	Carpets and rugs, wool	1	
	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	6	131
	Cloth sponging and miscellaneous special finishing	7	
	Cordage and twine	7	645
	Cotton yarn	4	151
	Felt goods, wool, hair, and jute (except woven felts and hat bodies and hats)	8	
	BOSTON INDUSTRIAL AREA—Continued		
3	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	2	
	Hat bodies and hats, fur-felt	2	
	Hat bodies and hats, wool-felt	2	
	Hosiery, full-fashioned	7	1,360
	Knitted outerwear (except knit gloves)—contract factories	1	
	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	25	1,164
	Linen goods	2	
	Linoleum, asphalted-felt-base, and other hard-surface floor coverings, not elsewhere classified	1	
	Rayon broad woven goods—regular factories or jobbers engaging contractors	5	1,742
	Rayon narrow fabrics	3	223
	Rayon yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	1	
	Silk narrow fabrics	1	
	Silk yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	3	481
4	Children's coats—made in inside factories or by jobbers engaging contractors	1	
	Children's dresses—made in inside factories or by jobbers engaging contractors	2	
	Clothing, leather and sheep-lined	20	
	Corsets and allied garments	5	124
	Curtains, draperies, and bedspreads—contract factories	5	
	Embroideries: Schiffli-machine products	1	
	House dresses, uniforms, and aprons—made in contract factories	5	75
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	26	946
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in contract factories	1	
	Men's neckwear—made in inside factories or by jobbers engaging contractors	21	
	Raincoats and other waterproof garments (except oiled cotton)	17	
	Suspenders, garters, and other goods made from purchased elastic material	2	
	Textile bags—not made in textile mills	4	
	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	16	
	Women's and misses' blouses and waists—made in contract factories	3	66
	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	3	98
	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	49	2,253
	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics	4	58
	Women's, children's, and infants' underwear and nightwear of knitted fabrics	7	341
	Women's neckwear, scarfs, etc.	2	
6	Baskets for fruits and vegetables	1	
	Cigar boxes, wooden, part wooden	1	
	Laboratory, hospital, and other professional furniture	4	
	Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets	1	
	Venetian blinds	3	
	Wood preserving	1	
7	Die-cut paper and paperboard, and converted cardboard	3	44
	Envelopes	4	92
	Fiber cans, tubes, and similar products	10	
	Paper bags, except those made in paper mills	4	
	Pulp mills	1	
	Wallpaper	1	
8	Books, publishing and printing	10	
	Books, publishing without printing	36	1
	Greeting cards (except hand-painted)	9	
9	Bluing	1	
	Bone black, carbon black, and lampblack	1	
	Chemicals not elsewhere classified	8	429
	Coal-tar products, crude and intermediate	1	
	Colors and pigments	1	
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	6	103
	Explosives	1	
	Fireworks	2	
	Fish and other marine oils, cake, and meal	1	
	Grease and tallow (except lubricating greases)	9	305
	Lubricating oils and greases—not made in petroleum refineries	2	
	Mucilage, paste, and other adhesives, except glue and rubber cement	4	
	Perfumes, cosmetics, and other toilet preparations	13	50
	Plastic materials	1	
	Printing ink	6	
	Soap and glycerin	19	1,456

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE BOSTON, PROVIDENCE-FALL RIVER-NEW BEDFORD, SPRINGFIELD-HOLYOKE, AND WORCESTER INDUSTRIAL AREAS, AND FOR BOSTON, CAMBRIDGE, FALL RIVER, LOWELL, LYNN, NEW BEDFORD, SOMERVILLE, SPRINGFIELD, AND WORCESTER: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	BOSTON INDUSTRIAL AREA—Continued		
9	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	23	108
	Vegetable and animal oils, not elsewhere classified	2	
	Writing ink	2	
10	Oven coke and coke-oven byproducts	1	
	Petroleum refining	3	594
	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	6	
12	Industrial leather belting and packing leather	16	79
	Leather gloves and mittens	2	
	Saddlery, harness, and whips	1	
	Small leather goods	6	390
13	Abrasive wheels, stones, paper, cloth, and related products	4	
	Asbestos products (except steam packing and pipe and boiler covering)	5	
	Brick and hollow structural tile	1	
	China firing and decorating (for the trade)	1	
	Gypsum products	1	
	Minerals and earths, ground or otherwise treated	2	
	Mirrors and other glass products made of purchased glass	16	
	Pottery products not elsewhere classified	3	68
	Sand-lime brick, block and tile	2	
	Steam and other packing; pipe and boiler covering	5	51
	Tableware, pressed or blown glass, and glassware not elsewhere classified	1	
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	1	
14	Blast-furnace products	1	
	Cast-iron pipe and fittings	1	
	Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills	3	
	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	25	1,148
	Doors, window sash, frames, molding, and trim (made of metal)	6	
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	13	313
	Enameling, japanning, and lacquering	1	
	Forgings, iron and steel made in plants not operated in connection with rolling mills	4	96
	Hardware not elsewhere classified	13	177
	Heating and cooking apparatus, except electric, not elsewhere classified	5	
	Screw-machine products and wood screws	12	234
	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	1	
	Steam fittings, regardless of material	24	
	Steel barrels, kegs, and drums	1	
	Steel castings	3	266
	Steel works and rolling mills	1	
	Vitreous-enameled products, including kitchen, household, and hospital utensils	2	
	Wire drawn from purchased rods	2	
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	3	45
	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	3	
	Clocks, watches, and materials and parts (except watch-cases)	6	
	Gold and silver leaf and foil	3	
	Jewelers' findings and materials	1	
	Lapidary work	2	
	Secondary smelting and refining, gold, silver, and platinum	2	
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	7	
	Silverware and plated ware	9	294
16	Batteries, storage and primary (dry and wet)	5	75
	Electrical appliances	1	
	Electrical measuring instruments	3	2,092
	Electrical products not elsewhere classified	5	103
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	24	4,916
	Insulated wire and cable	2	
	X-ray and therapeutic apparatus and electronic tubes	1	
17	Blowers; exhaust and ventilating fans	4	
	Cars and trucks, industrial	1	
	Commercial laundry, dry-cleaning, and pressing machinery	3	
	Construction and similar machinery (except mining and oil-field machinery and tools)	2	
	Elevators, escalators, and conveyors	8	
	Machine tools	11	479
	BOSTON INDUSTRIAL AREA—Continued		
17	Metalworking machinery and equipment, not elsewhere classified	8	
	Office and store machines not elsewhere classified	4	
	Printing-trades machinery and equipment	2	
	Pumping equipment and air compressors	11	281
	Sewing machines, domestic and industrial	3	123
	Special-industry machinery, not elsewhere classified	26	2,468
	Vending, amusement, and other coin-operated machines	1	
	Woodworking machinery	4	146
18	Motor vehicles, motor-vehicle bodies, parts and accessories	17	
19	Aircraft and parts, including aircraft engines	1	
	Shipbuilding and ship repairing	20	
20	Artists' materials	1	
	Brooms	4	11
	Brushes	13	527
	Carbon paper and inked ribbons	2	
	Costume jewelry and costume novelties (jewelry other than fine jewelry)	1	
	Fabricated plastic products, not elsewhere classified	6	473
	Feathers, plumes, and artificial flowers	3	36
	Fire extinguishers, chemical	3	22
	Furs, dressed and dyed	2	
	Hair work	2	
	Jewelry cases and instrument cases	9	409
	Musical instruments, parts, and materials not elsewhere classified	6	
	Needles, pins, hooks and eyes, and slide and snap fasteners	2	
	Ophthalmic goods: lenses and fittings	4	350
	Optical instruments and lenses	1	
	Organs	3	79
	Pencils (except mechanical) and crayons	4	39
	Pens, mechanical pencils, and pen points	2	
	Photographic apparatus and materials and projection equipment (except lenses)	2	
	Piano and organ parts and materials	2	
	Pianos	2	
	Soda fountains, beer dispensing equipment, and related products	2	
	Sporting and athletic goods not elsewhere classified	12	171
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	18	552
	Umbrellas, parasols, and canes	3	
	PROVIDENCE-FALL RIVER-NEW BEDFORD INDUSTRIAL AREA		
1	Baking powder, yeast, and other leavening compounds	1	
	Candy and other confectionery products	6	
	Canned and dried fruits and vegetables (including canned soups)	1	
	Canned fish, crustacea, and mollusks	1	
	Chocolate and cocoa products	1	
	Cooking and other edible fats and oils, not elsewhere classified	1	
	Flour and other grain-mill products	2	
	Food preparations, not elsewhere classified	6	
	Liquors, distilled	1	
	Liquors, rectified or blended	1	
	Pickled fruits and vegetables and vegetable sauces and seasonings	1	
	Prepared feeds (including mineral) for animals and fowls	1	
	Salad dressings	1	
2	Tobacco (chewing and smoking) and snuff	1	
3	Batting, padding, and wadding; upholstery filling	2	
	Cloth sponging and miscellaneous special finishing	1	
	Cordage and twine	5	
	Cotton thread	7	4,680
	Dyeing and finishing woolen and worsted	12	
	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	3	
	Hat bodies and hats, fur-felt	1	
	Hats, straw	2	
	Hatters' fur	1	
	Hosiery—full-fashioned	2	
	Hosiery—seamless	1	
	Knitted cloth	6	155
	Knitted outerwear (except knit gloves)—contract factories	1	
	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	1	
	Knitted underwear	1	
	Processed waste and recovered wool fibers—contract factories	3	95
	Rayon throwing and spinning—contract factories	1	
	Silk broad woven goods—regular factories or jobbers engaging contractors	4	230
	Silk yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	2	

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE BOSTON, PROVIDENCE-FALL RIVER-NEW BEDFORD, SPRINGFIELD-HOLYOKE, AND WORCESTER INDUSTRIAL AREAS, AND FOR BOSTON, CAMBRIDGE, FALL RIVER, LOWELL, LYNN, NEW BEDFORD, SOMERVILLE, SPRINGFIELD, AND WORCESTER: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	PROVIDENCE-FALL RIVER-NEW BEDFORD INDUSTRIAL AREA—Continued		
4	Canvas products (except bags)	5	------
	Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors	1	------
	Children's dresses—made in contract factories	1	------
	Children's dresses—made in inside factories or by jobbers engaging contractors	2	------
	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	1	
	Corsets and allied garments	1	
	Curtains, draperies, and bedspreads—contract factories	2	
	Embroideries, other than Schiffli-machine products—contract factories	1	------
	Handkerchiefs—made in contract factories	1	
	Handkerchiefs—made in inside factories or by jobbers engaging contractors	1	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	6	2,178
	Housefurnishings (except curtains, draperies, and bedspreads)	3	235
	Men's and boys' hats and caps (except felt and straw)	2	
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in contract factories	1	------
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	1	
	Millinery	3	69
	Miscellaneous fabricated textile products not elsewhere classified	4	------
	Raincoats and other waterproof garments (except oiled cotton)	1	------
	Textile bags—not made in textile mills	2	------
	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories	1	------
	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	1	------
	Women's and misses' blouses and waists—made in contract factories	1	------
	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors	1	------
	Women's and misses' clothing, not elsewhere classified—made in contract factories	5	------
	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	1	------
6	Caskets, coffins, burial cases, and other morticians' goods	2	------
	Cork products	1	------
	Mirror frames and picture frames	2	------
	Partitions, shelving, cabinet work, and office and store fixtures	3	35
	Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets	1	------
	Upholstered household furniture	8	------
	Venetian blinds	2	------
	Window shades	1	------
7	Coated and glazed paper	7	------
	Converted paper products not elsewhere classified	1	------
	Die-cut paper and paperboard, and converted cardboard	3	136
	Paper and paperboard mills	2	------
	Paper bags, except those made in paper mills	1	------
8	Books: publishing without printing	1	------
	Electrotyping and stereotyping, not done in printing establishments	1	------
	Greeting cards (except hand-painted)	2	------
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	2	
	Machine and hand typesetting (including advertisement typesetting)	3	32
	Newspapers: publishing without printing	1	------
	Periodicals: publishing and printing	2	------
9	Cleaning and polishing preparations, blackings, and dressings	3	68
	Coal-tar products, crude and intermediate	1	
	Fertilizers	2	------
	Grease and tallow (except lubricating greases)	5	------
	Insecticides, fungicides, and related industrial and household chemical compounds	3	15
	Lubricating oils and greases—not made in petroleum refineries	2	------
	Perfumes, cosmetics, and other toilet preparations	2	------
	Plastic materials	1	------
	Rayon and allied products	2	------
	Soap and glycerin	4	------
10	Oven coke and coke-oven byproducts	1	------
	Petroleum refining	2	------
11	Rubber boots and shoes (including rubber-soled footwear with fabric uppers)	1	------
	PROVIDENCE-FALL RIVER-NEW BEDFORD INDUSTRIAL AREA—Continued		
12	Industrial leather belting and packing leather	5	------
	Leather goods not elsewhere classified	2	------
	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	1	------
	Suitcases, brief cases, bags, trunks, and other luggage	4	223
13	Abrasive wheels, stones, paper, cloth, and related products	3	55
	Brick and hollow structural tile	1	------
	Clay products (except pottery), not elsewhere classified	2	------
	Clay refractories, including refractory cement (clay)	1	------
	Lime	1	------
	Mirrors and other glass products made of purchased glass	2	------
	Nonclay refractories	1	------
	Statuary and art goods (except stone and concrete)—factory production	1	------
	Steam and other packing; pipe and boiler covering	1	------
	Tableware, pressed or blown glass, and glassware not elsewhere classified	2	------
14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	6	------
	Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills	3	219
	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	4	------
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	2	------
	Enameling, japanning, and lacquering	4	------
	Files	1	------
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	1	------
	Hardware not elsewhere classified	6	------
	Heating and cooking apparatus, except electric, not elsewhere classified	1	------
	Malleable-iron castings	1	------
	Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills	2	------
	Oil burners, domestic and industrial	7	------
	Power boilers and associated products	4	61
	Saws	1	------
	Screw-machine products and wood screws	12	------
	Stamped and pressed metal products (except automobile stampings)	10	------
	Steam fittings, regardless of material	3	------
	Steel works and rolling mills	1	------
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	5	745
	Tin cans and other tinware not elsewhere classified	1	------
	Tools (except edge tools, machine tools, files, and saws)	12	302
	Wirework not elsewhere classified	7	------
15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	1	------
	Clocks, watches, and materials and parts (except watchcases)	1	------
	Collapsible tubes	1	------
	Gold and silver leaf and foil	1	------
	Lapidary work	1	------
	Nonferrous-metal products not elsewhere classified	1	------
	Secondary smelting and refining, gold, silver, and platinum	12	------
16	Automotive electrical equipment	1	------
	Batteries, storage and primary (dry and wet)	2	------
	Communication equipment	1	------
	Electrical products not elsewhere classified	2	------
	Radios, radio tubes, and phonographs	2	------
	Wiring devices and supplies	3	749
	X-ray and therapeutic apparatus and electronic tubes	1	------
17	Commercial laundry, dry-cleaning, and pressing machinery	2	------
	Industrial machinery, not elsewhere classified	8	------
	Machine tools	3	3,258
	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	3	286
	Mechanical power-transmission equipment	3	80
	Metalworking machinery and equipment, not elsewhere classified	2	------
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	1	------
18	Motor vehicles, motor-vehicle bodies, parts and accessories	5	------
19	Boat building and boat repairing	2	------

See footnote at end of table.

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Group No.[1]	TITLE	Number of establishments	Wage earners
	PROVIDENCE-FALL RIVER-NEW BEDFORD INDUSTRIAL AREA—Continued		
20	Brushes	8	
	Buttons	1	
	Fabricated plastic products, not elsewhere classified	4	193
	Feathers, plumes, and artificial flowers	1	
	Games and toys (except dolls and children's vehicles)	5	
	Jewelry cases and instrument cases	11	
	Miscellaneous fabricated products not elsewhere classified	15	951
	Musical instruments, parts, and materials not elsewhere classified	1	
	Needles, pins, hooks and eyes, and slide and snap fasteners	1	
	Ophthalmic goods: lenses and fittings	10	753
	Pens, mechanical pencils, and pen points	7	
	Professional and scientific instruments (except surgical and dental)	2	
	Tobacco pipes and cigarette holders	1	
	SPRINGFIELD-HOLYOKE INDUSTRIAL AREA		
1	Condensed and evaporated milk	1	
	Flavoring extracts and flavoring sirups, not elsewhere classified	2	
	Food preparations, not elsewhere classified	4	20
	Macaroni, spaghetti, vermicelli, and noodles	1	
	Malt liquors	2	
	Meat packing, wholesale	2	
	Pickled fruits and vegetables and vegetable sauces and seasonings	1	
	Prepared feeds (including mineral) for animals and fowls	1	
	Preserves, jams, jellies, and fruit butters	1	
3	Artificial leather and oilcloth	1	
	Carpets and rugs, wool	1	
	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	1	
	Cordage and twine	1	
	Cotton broad woven goods	3	869
	Cotton narrow fabrics	1	
	Cotton thread	4	687
	Cotton yarn	1	
	Dyeing and finishing cotton, rayon, silk, and linen textiles	1	
	Dyeing and finishing woolen and worsted	2	
	Jute goods (except felt)	1	
	Knitted cloth	2	
	Knitted underwear	3	
	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	1	
	Rayon broad woven goods—contract factories	1	
	Silk broad woven goods—contract factories	1	
	Silk broad woven goods—regular factories or jobbers engaging contractors	1	
	Silk yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	1	
	Woolen and worsted manufactures—contract factories	2	
4	Canvas products (except bags)	2	
	Corsets and allied garments	2	
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	1	
	Embroideries, other than Schiffli-machine products—contract factories	1	
	Fur coats and other fur garments, accessories, and trimmings	2	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	3	101
	Housefurnishings (except curtains, draperies, and bedspreads)	1	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	1	
	Miscellaneous fabricated textile products not elsewhere classified	1	
	Raincoats and other waterproof garments (except oiled cotton)	1	
	Trousers (semidress), wash suits, and washable service apparel	3	48
	Women's and misses' dresses (except house dresses)—made in contract factories	1	
	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	1	
	Women's children's, and infants' underwear and nightwear of silk and rayon woven fabrics	2	
5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	1	
	SPRINGFIELD-HOLYOKE INDUSTRIAL AREA—Continued		
6	Caskets, coffins, burial cases, and other morticians' goods	1	
	Cigar boxes: wooden, part wooden	1	
	Cooperage	1	
	Matches	1	
	Mirror frames and picture frames	1	
	Upholstered household furniture	6	
	Window shades	3	
	Wood products not elsewhere classified	3	77
7	Die-cut paper and paperboard, and converted cardboard	3	67
	Envelopes	3	679
8	Bookbinding and related industries	8	729
	Books: publishing and printing	1	
	Books: publishing without printing	3	
	Electrotyping and stereotyping, not done in printing establishments	3	45
	Engraving (steel, copperplate, and wood); plate printing	2	
	Greeting cards (except hand-painted)	1	
	Machine and hand typesetting (including advertisement typesetting)	3	7
	Periodicals: publishing and printing	1	
	Periodicals: publishing without printing	6	
9	Chemicals not elsewhere classified	1	
	Cleaning and polishing preparations, blackings, and dressings	2	
	Colors and pigments	1	
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	1	
	Drugs and medicines (including drug grinding)	2	
	Fertilizers	1	
	Grease and tallow (except lubricating greases)	1	
	Insecticides, fungicides, and related industrial and household chemical compounds	3	10
	Mucilage, paste, and other adhesives, except glue and rubber cement	1	
	Paints, varnishes, and lacquers	3	13
	Perfumes, cosmetics, and other toilet preparations	1	
	Plastic materials	1	
	Printing ink	1	
	Soap and glycerin	2	
	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	1	
	Vegetable and animal oils, not elsewhere classified	1	
10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	1	
11	Tires and inner tubes	1	
12	Industrial leather belting and packing leather	2	
	Saddlery, harness, and whips	2	
	Small leather goods	2	
	Women's pocketbooks, handbags, and purses	1	
13	Brick and hollow structural tile	2	
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	2	
	Steam and other packing; pipe and boiler covering	1	
14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	1	
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semi-vitreous china sanitary ware)	2	
	Fabricated structural steel and ornamental metalwork, made in plants not operated in connection with rolling mills	4	
	Firearms	2	
	Forgings, iron and steel—made in plants not operated in connection with rolling mills	3	737
	Oil burners, domestic and industrial	2	
	Power boilers and associated products	1	
	Saws	3	71
	Screw-machine products and wood screws	1	
	Stamped and pressed metal products (except automobile stampings)	3	
	Steam and hot-water heating apparatus (including hot-water furnaces)	1	
	Steam fittings, regardless of material	1	
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	2	
	Wire drawn from purchased rods	4	705
	Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills	1	
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	1	

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE BOSTON, PROVIDENCE-FALL RIVER-NEW BEDFORD, SPRINGFIELD-HOLYOKE, AND WORCESTER INDUSTRIAL AREAS, AND FOR BOSTON, CAMBRIDGE, FALL RIVER, LOWELL, LYNN, NEW BEDFORD, SOMERVILLE, SPRINGFIELD, AND WORCESTER: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	SPRINGFIELD-HOLYOKE INDUSTRIAL AREA—Continued		
15	Clocks, watches, and materials and parts (except watchcases)	1	..
	Engraving on metal (except for printing purposes)	2	.
	Gold and silver leaf and foil	2	.
	Nonferrous metal foundries (except aluminum)	8	166
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	1	.
	Sheet-metal work not specifically classified	4	36
16	Automotive electrical equipment	3	.
	Communication equipment	1	
	Electrical appliances	1	
	Electrical products not elsewhere classified	1	
	Electric lamps	1	
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	1	.
	Insulated wire and cable	2	
	Wiring devices and supplies	1	
17	Agricultural machinery (except tractors	1	
	Elevators, escalators, and conveyors	1	
	Food-products machinery	1	
	Industrial machinery, not elsewhere classified	1	
	Machine-shop products, not elsewhere classified	7	1 256
	Machine-shop repairs	2	.
	Machine tools	2	
	Measuring and dispensing pumps	1	
	Mechanical power-transmission equipment	3	
	Pumping equipment and air compressors	2	
	Special-industry machinery, not elsewhere classified	1	
	Stokers, mechanical, domestic and industrial	1	..
	Textile machinery	1	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	2	..
19	Motorcycles, bicycles, and parts	2	...
20	Beauty-shop and barber-shop equipment	1	..
	Brooms	2	.
	Brushes	4	40
	Dolls (except rubber)	1	.
	Games and toys (except dolls and children's vehicles)	3	.....
	Jewelry cases and instrument cases	1	.
	Miscellaneous fabricated products not elsewhere classified	2	..
	Pens, mechanical pencils, and pen points	1	..
	Signs, advertising displays, and advertising novelties	9	106
	Sporting and athletic goods not elsewhere classified	2	.
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	1	
	WORCESTER INDUSTRIAL AREA		
1	Baking powder, yeast, and other leavening compounds	1	..
	Biscuit, crackers, and pretzels	2	...
	Canned and dried fruits and vegetables (including canned soups)	1	.
	Cereal preparations	1	
	Condensed and evaporated milk	1	
	Flavoring extracts and flavoring sirups, not elsewhere classified	1	..
	Flour and other grain-mill products	4	31
	Liquors, rectified or blended	1	....
	Macaroni, spaghetti, vermicelli, and noodles	2	..
	Malt liquors	1	..
	Meat packing, wholesale	5	76
	Poultry dressing and packing, wholesale	3	39
	Prepared feeds (including mineral) for animals and fowls		36
	Vinegar and cider		---
	Artificial leather and oilcloth	3	188
	Carpets and rugs, wool	3	..
	Carpet yarn, woolen and worsted	1	....
	Cordage and twine	2	..
	Cotton thread	3	133
	Cotton yarn	3	770
	Dyeing and finishing cotton, rayon, silk, and linen textiles	7	1, 501
	Dyeing and finishing woolen and worsted	1	..
	Felt goods, wool, hair, and jute (except woven felts and hat bodies and hats)	1	..
	Hat bodies and hats, fur-felt	1	.....
	Hat bodies and hats, wool-felt	2	.....
	Hosiery—full-fashioned	1	....
	Knitted cloth	4	112
	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	3	..
	Linen goods	1	
	Processed waste and recovered wool fibers—contract factories	1	...
	Rayon broad woven goods—regular factories or jobbers engaging contractors	2	.....
	Rayon narrow fabrics	2	....
	Woolen and worsted manufactures—contract factories	12	1, 124
	WORCESTER INDUSTRIAL AREA—Continued		
4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	5	34
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	3	56
	House dresses, uniforms, and aprons—made in contract factories	1	....
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	2	.....
	Housefurnishings (except curtains, draperies, and bedspreads)	2	.....
	Men's and boys' shirts, (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	3	984
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	2	.....
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	4	21
	Men's and boys' underwear—made in inside factories or by jobbers engaging contractors	1	.....
	Men's neckwear—made in contract factories	2	.....
	Men's neckwear—made in inside factories or by jobbers engaging contractors	1	.....
	Millinery	2	.....
	Raincoats and other waterproof garments (except oiled cotton)	1	.....
	Suspenders, garters, and other goods made from purchased elastic material	3	.....
	Textile bags—not made in textile mills	2	.....
	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	1	.....
	Trousers (semidress), wash suits, and washable service apparel	1	.....
	Women's and misses' clothing, not elsewhere classified—made in contract factories	1	.....
	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	1	.....
	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics	2	.....
	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	1	.....
6	Caskets, coffins, burial cases, and other morticians' goods	3	96
	Cooperage	3	243
	Partitions, shelving, cabinet work, and office and store fixtures	4	.....
	Public-building furniture	5	1, 498
	Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets	1	.
	Venetian blinds	2	...
	Wood preserving	1	...
7	Die-cut paper and paperboard, and converted cardboard	2	.....
	Paper bags, except those made in paper mills	1	.....
	Wallpaper	1	.....
8	Bookbinding and related industries	5	444
	Electrotyping and stereotyping, not done in printing establishments	3	26
	Engraving (steel, copperplate, and wood); plate printing	2	..
	Greeting cards (except hand-painted)	1	...
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	1	.....
	Periodicals: publishing and printing	4	60
	Periodicals: publishing without printing	1	..
9	Cleaning and polishing preparations, blackings, and dressings	2	.....
	Coal-tar products, crude and intermediate	1	.....
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	1	..
	Drugs and medicines (including drug grinding)	6	98
	Fertilizers	2	..
	Grease and tallow (except lubricating greases)	2	.
	Insecticides, fungicides, and related industrial and household chemical compounds	2	....
	Lubricating oils and greases—not made in petroleum refineries	1	...
	Paints, varnishes, and lacquers	1	2
	Perfumes, cosmetics, and other toilet preparations	1	...
	Plastic materials	1	...
	Printing ink	1	.....
	Soap and glycerin	1	.....
10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	1	....
11	Rubber products not elsewhere classified	3	....
12	Industrial leather belting and packing leather	4	267
	Leather goods not elsewhere classified	3	47
	Leather: tanned, curried, and finished—contract factories	2	..

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE BOSTON, PROVIDENCE-FALL RIVER-NEW BEDFORD, SPRINGFIELD-HOLYOKE, AND WORCESTER INDUSTRIAL AREAS, AND FOR BOSTON, CAMBRIDGE, FALL RIVER, LOWELL, LYNN, NEW BEDFORD, SOMERVILLE, SPRINGFIELD, AND WORCESTER: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	WORCESTER INDUSTRIAL AREA—Continued		
12	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	3	
	Suitcases, brief cases, bags, trunks, and other luggage	2	
	Women's pocketbooks, handbags, and purses	3	
13	Abrasive wheels, stone, paper, cloth, and related products	4	1,572
	Asbestos products (except steam packing and pipe and boiler covering)	1	
	Brick and hollow structural tile	1	
	Mirrors and other glass products made of purchased glass	1	
	Steam and other packing; pipe and boiler covering	1	
14	Files	1	
	Firearms	2	
	Forgings, iron and steel—made in plants not operated in connection with rolling mills	2	
	Hardware not elsewhere classified	3	615
	Heating and cooking apparatus, except electric, not elsewhere classified	1	
	Malleable-iron castings	1	
	Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills	1	
	Oil burners, domestic and industrial	1	
	Power boilers and associated products	3	53
	Saws	3	667
	Steel works and rolling mills	2	
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	1	
	Tin cans and other tinware not elsewhere classified	1	
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	1	
	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	1	
	Clocks, watches, and materials and parts (except watchcases)	1	
	Engraving on metal (except for printing purposes)	1	
	Jewelry (precious metals)	2	
	Lighting fixtures	4	
	Nonferrous-metal products not elsewhere classified	3	115
	Silverware and plated ware	2	
16	Electrical appliances	1	
	Electrical products not elsewhere classified	2	
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	3	19
	Insulated wire and cable	1	
17	Agricultural machinery (except tractors)	2	
	Blowers; exhaust and ventilating fans	2	
	Food-products machinery	2	
	Mechanical power-transmission equipment	3	196
	Metalworking machinery and equipment, not elsewhere classified	4	331
	Paper-mill, pulp-mill, and paper-products machinery	4	285
	Pumping equipment and air compressors	2	
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	2	
	Steam engines, turbines, and water wheels	2	
	Woodworking machinery	5	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	1	
19	Cars and car equipment—railroad, street, and rapid-transit	1	
	Motorcycles, bicycles, and parts	2	
20	Brooms	1	
	Brushes	4	773
	Buttons	6	447
	Costume jewelry and costume novelties (jewelry other than fine jewelry)	2	
	Dental equipment and supplies	1	
	Dolls (except rubber)	1	
	Games and toys (except dolls and children's vehicles)	8	589
	Hand stamps, stencils, and brands	2	
	Musical instruments, parts, and materials not elsewhere classified	1	
	Ophthalmic goods: lenses and fittings	7	2,682
	Optical instruments and lenses	1	
	Photographic apparatus and materials and projection equipment (except lenses)	1	
	Sporting and athletic goods not elsewhere classified	1	
	Umbrellas, parasols, and canes	1	
	CITY OF BOSTON		
1	Biscuit, crackers, and pretzels	2	
	Blended and prepared flour made from purchased flour	2	
	Cane-sugar refining	2	
	CITY OF BOSTON—Continued		
1	Cheese	6	
	Chewing gum	1	
	Chocolate and cocoa products	3	
	Condensed and evaporated milk	1	
	Creamery butter	2	
	Custom slaughtering, wholesale	1	
	Liquors, distilled	2	
	Liquors, rectified or blended	7	135
	Macaroni, spaghetti, vermicelli, and noodles	5	
	Meat packing, wholesale	12	551
	Pickled fruits and vegetables and vegetable sauces and seasonings	5	59
	Poultry dressing and packing, wholesale	2	
	Prepared feeds (including mineral) for animals and fowls	2	
	Salad dressings	2	
	Sausage casings—not made in meat-packing establishments	1	
	Special dairy products	1	
	Wines	1	
2	Cigarettes	1	
	Cigars	7	182
	Tobacco (chewing and smoking) and snuff	2	
3	Batting, padding, and wadding; upholstery filling	2	
	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	2	
	Cloth sponging and miscellaneous special finishing	5	
	Cordage and twine	2	
	Cotton broad woven goods	2	
	Cotton thread	2	
	Dyeing and finishing cotton, rayon, silk, and linen textiles	2	
	Dyeing and finishing woolen and worsted	1	
	Hat bodies and hats, fur-felt	1	
	Hosiery—full-fashioned	2	
	Knitted cloth	1	
	Processed waste and recovered wool fibers—contract factories	3	84
	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	1	
	Rayon broad woven goods—regular factories or jobbers engaging contractors	1	
	Rayon narrow fabrics	1	
	Silk yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	1	
	Woolen and worsted manufactures—contract factories	2	
	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	2	
4	Belts (apparel), regardless of material	2	
	Children's coats—made in inside factories or by jobbers engaging contractors	1	
	Children's dresses—made in inside factories or by jobbers engaging contractors	2	
	Corsets and allied garments	2	
	Curtains, draperies, and bedspreads—contract factories	4	
	Embroideries: Schiffli-machine products	1	
	House dresses, uniforms, and aprons—made in contract factories	5	
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in contract factories	1	
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	2	
	Men's neckwear—made in inside factories or by jobbers engaging contractors	20	
	Millinery	20	
	Suspenders, garters, and other goods made from purchased elastic material	1	
	Textile bags—not made in textile mills	3	
	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	11	113
	Trousers (semidress), wash suits, and washable service apparel	14	
	Women's and misses' blouses and waists—made in contract factories	3	66
	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	1	
	Women's, children's, and infants' underwear and nightwear of knitted fabrics	5	
	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics	3	
	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	9	
	Women's neckwear, scarfs, etc	2	
5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	1	

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE BOSTON, PROVIDENCE-FALL RIVER-NEW BEDFORD SPRINGFIELD-HOLYOKE, AND WORCESTER INDUSTRIAL AREAS, AND FOR BOSTON, CAMBRIDGE, FALL RIVER, LOWELL, LYNN, NEW BEDFORD, SOMERVILLE, SPRINGFIELD, AND WORCESTER: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	CITY OF BOSTON—Continued		
6	Baskets for fruits and vegetables	1	
	Cigar boxes, wooden, part wooden	1	
	Coffins	2	
	Laboratory, hospital, and other professional furniture	4	
	Office furniture	2	
	Public-building furniture	2	
	Venetian blinds	1	
	Window shades	8	40
	Wooden boxes except cigar boxes	2	
	Wood preserving	1	
7	Coated and glazed paper	1	
	Die-cut paper and paperboard, and converted cardboard	3	44
	Envelopes	2	
	Fiber cans, tubes, and similar products	3	95
	Paper and paperboard mills	1	
8	Books: publishing and printing	3	26
	Books: publishing without printing	33	1
	Greeting cards (except hand painted)	6	885
	Machine and hand typesetting (including advertisement typesetting)	13	217
9	Chemicals not elsewhere classified	1	
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	2	
	Drugs and medicines (including drug grinding)	14	451
	Fish and other marine oils, cake, and meal	1	
	Glue and gelatin	2	
	Grease and tallow (except lubricating greases)	2	
	Lubricating oils and greases—not made in petroleum refineries	1	
	Mucilage, paste, and other adhesives, except glue and rubber cement	2	
	Printing ink	2	
	Soap and glycerin	2	
	Vegetable and animal oils, not elsewhere classified	2	
	Writing ink	1	
10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	1	
12	Industrial leather belting and packing leather	3	25
	Leather gloves and mittens	2	
	Leather goods not elsewhere classified	1	
	Small leather goods	4	
	Suitcases, brief cases, bags, trunks, and other luggage	12	
13	Asbestos products (except steam packing and pipe and boiler covering)	1	
	Gypsum products	1	
	Minerals and earths, ground or otherwise treated	1	
	Pottery products not elsewhere classified	1	
	Steam and other packing; pipe and boiler covering	3	
	Tableware, pressed or blown glass and glassware not elsewhere classified	1	
14	Automobile stampings	2	
	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	1	
	Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills	3	
	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	4	864
	Doors, window sash, frames, molding, and trim (made of metal)	4	
	Enameling, japanning, and lacquering	1	
	Forgings, iron and steel—made in plants not operated in connection with rolling mills	1	
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	1	
	Heating and cooking apparatus, except electric, not elsewhere classified	3	
	Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills	1	
	Power boilers and associated products	3	69
	Saws	4	
	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	1	
	Stamped and pressed metal products (except automobile stampings)	5	256
	Steel barrels, kegs, and drums	1	
	Steel castings	1	
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	2	
	Tinware and other tinware not elsewhere classified	3	229
	Wire drawn from purchased rods	1	
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	2	
	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	2	
	Gold and silver leaf and foil	2	
	Jewelers' findings and materials	1	
	Jewelry (precious metals)	14	32
	Secondary smelting and refining, gold, silver, and platinum	1	
16	Batteries, storage and primary (dry and wet)	2	
	Communication equipment	2	
	Electrical products not elsewhere classified	3	
	Electric lamps	1	
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	9	560
	Radios, radio tubes, and phonographs	3	66
	Wiring devices and supplies	5	
	X-ray and therapeutic apparatus and electronic tubes	1	
17	Blowers, exhaust and ventilating fans	3	
	Commercial laundry, dry-cleaning, and pressing machinery	2	
	Elevators, escalators, and conveyors	7	
	Food-products machinery	7	48
	Industrial machinery, not elsewhere classified	3	136
	Machine tools	1	
	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	2	
	Mechanical power-transmission equipment	2	
	Metalworking machinery and equipment, not elsewhere classified	1	
	Office and store machines not elsewhere classified	2	
	Paper-mill, pulp-mill, and paper-products machinery	2	
	Printing-trades machinery and equipment	1	
	Pumping equipment and air compressors	2	
	Sewing machines, domestic and industrial	1	
	Woodworking machinery	1	
19	Boat building and boat repairing	1	
	Shipbuilding and ship repairing	6	
20	Artists' materials	1	
	Brushes	8	476
	Buttons	3	
	Dental equipment and supplies	1	
	Fabricated plastic products, not elsewhere classified	4	
	Feathers, plumes, and artificial flowers	2	
	Fire extinguishers, chemical	3	22
	Furs, dressed and dyed	1	
	Games and toys (except dolls and children's vehicles)	1	
	Hair work	1	
	Jewelry cases and instrument cases	6	342
	Musical instruments, parts, and materials not elsewhere classified	5	
	Needles, pins, hooks and eyes, and slide and snap fasteners	1	
	Ophthalmic goods: lenses and fittings	2	
	Organs	1	
	Pens, mechanical pencils, and pen points	1	
	Photographic apparatus and materials and projection equipment (except lenses)	2	
	Pianos	1	
	Surgical and medical instruments	4	46
	Umbrellas, parasols, and canes	3	
	CITY OF CAMBRIDGE		
1	Biscuit, crackers, and pretzels	3	520
	Canned and dried fruits and vegetables (including canned soups)	1	
	Cereal preparations	1	
	Chewing gum	1	
	Chocolate and cocoa products	1	
	Flavoring extracts and flavoring sirups, not elsewhere classified	3	49
	Ice, manufactured	2	
	Liquors, rectified or blended	1	
	Meat packing, wholesale	2	
	Nonalcoholic beverages	4	14
	Pickled fruits and vegetables and vegetable sauces and seasonings	2	
	Prepared feeds (including mineral) for animals and fowls	1	
	Salad dressings	1	
3	Felt goods, wool, hair, and jute (except woven felts and hat bodies and hats)	1	
	Hosiery, seamless	1	
	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	1	
	Silk yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	1	
4	Canvas products (except bags)	1	
	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	1	
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	1	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	1	
	Trousers (semi-dress), wash suits, and washable service apparel	1	
	Work clothing (except work shirts, sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	3	144

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE BOSTON, PROVIDENCE-FALL RIVER-NEW BEDFORD, SPRINGFIELD-HOLYOKE, AND WORCESTER INDUSTRIAL AREAS, AND FOR BOSTON, CAMBRIDGE, FALL RIVER, LOWELL, LYNN, NEW BEDFORD, SOMERVILLE, SPRINGFIELD, AND WORCESTER: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	CITY OF CAMBRIDGE Continued		
5	Planing mills not operated in conjunction with sawmills	2	
6	Caskets, coffins, burial cases, and other morticians' goods	2	
	Cooperage	1	
	Mattresses and bedsprings	3	43
	Office furniture	1	
	Partitions, shelving, cabinet work, and office and store fixtures	1	
	Public-building furniture	3	14
	Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets	1	
	Window shades	1	
	Wooden boxes, except cigar boxes	1	
	Wood products not elsewhere classified	1	
7	Coated and glazed paper	1	
	Converted paper products not elsewhere classified	2	
	Paper bags, except those made in paper mills	1	
8	Books: printing without publishing	2	
	Books: publishing and printing	4	1,229
	Books: publishing without printing	2	
	Electrotyping and stereotyping, not done in printing establishments	2	
	Engraving (steel, copperplate, and wood); plate printing	3	
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	1	
	Newspapers: publishing and printing	1	
	Newspapers: publishing without printing	2	
	Photoengraving, not done in printing establishments (including preparation of plates)	2	
9	Chemicals not elsewhere classified	1	
	Cleaning and polishing preparations, blackings, and dressings	4	185
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	2	
	Drugs and medicines (including drug grinding)	2	
	Fertilizers	2	
	Grease and tallow (except lubricating greases)	1	
	Insecticides, fungicides, and related industrial and household chemical compounds	3	11
	Paints, varnishes, and lacquers	2	
	Soap and glycerin	8	1,225
	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	2	
	Writing ink	1	
10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	2	
	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	2	
11	Rubber boots and shoes (including rubber-soled footwear with fabric uppers)	1	
12	Footwear (except rubber)	5	
	Industrial leather belting and packing leather	1	
13	Brick and hollow structural tile	1	
	Concrete products	3	82
	Mirrors and other glass products made of purchased glass	2	
	Pottery products not elsewhere classified	1	
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	1	
14	Automobile stampings	1	
	Doors, window sash, frames, molding, and trim (made of metal)	1	
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semi-vitreous china sanitary ware)	1	
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	2	
	Hardware not elsewhere classified	1	
	Heating and cooking apparatus, except electric, not elsewhere classified	1	
	Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills	1	
	Oil burners, domestic and industrial	1	
	Power boilers and associated products	2	
	Saws	1	
	Screw-machine products and wood screws	1	
	Stamped and pressed metal products (except automobile stampings)	3	146
	Steam fittings, regardless of material	2	
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	1	
	Lighting fixtures	2	
	Nonferrous-metal products not elsewhere classified	2	
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	3	17
	CITY OF CAMBRIDGE—Continued		
16	Communication equipment	1	
	Electrical measuring instruments	2	
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	2	
	Insulated wire and cable	1	
17	Construction and similar machinery (except mining and oil-field machinery and tools)	2	
	Food-products machinery	2	
	Industrial machinery, not elsewhere classified	2	
	Machine-shop repairs	1	
	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	1	
	Machine tools	1	
	Office and store machines not elsewhere classified	1	
	Paper-mill, pulp-mill, and paper-products machinery	1	
	Pumping equipment and air compressors	2	
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	2	
	Special-industry machinery, not elsewhere classified	1	
	Textile machinery	1	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	2	
20	Carbon paper and inked ribbons	2	
	Dental equipment and supplies	3	
	Games and toys (except dolls and children's vehicles)	1	
	Jewelry cases and instrument cases	1	
	Miscellaneous fabricated products not elsewhere classified	3	22
	Ophthalmic goods: lenses and fittings	1	
	Pens, mechanical pencils, and pen points	1	
	Pianos	1	
	Professional and scientific instruments (except surgical and dental)	2	
	Signs, advertising displays, and advertising novelties	2	
	Surgical and medical instruments	1	
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	1	
	CITY OF FALL RIVER		
1	Candy and other confectionery products	2	
	Food preparations, not elsewhere classified	2	
	Ice, manufactured	1	
	Macaroni, spaghetti, vermicelli, and noodles	3	9
	Malt liquors	1	
2	Tobacco (chewing and smoking) and snuff	1	
3	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	1	
	Cordage and twine	1	
	Cotton thread	2	
	Cotton yarn	3	454
	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	3	
	Hat bodies and hats, fur-felt	1	
	Hats, straw	2	
	Hatters' fur	1	
	Hosiery—seamless	1	
	Knitted outerwear (except knit gloves)—contract factories	1	
	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	2	
	Rayon broad woven goods—contract factories	2	
	Rayon broad woven goods—regular factories or jobbers engaging contractors	3	708
	Silk yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	1	
	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	1	
4	Canvas products (except bags)	1	
	Children's dresses—made in contract factories	1	
	Children's dresses—made in inside factories or by jobbers engaging contractors	1	
	Coats, suits, and skirts (except fur coats)—made in contract factories	2	
	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	1	
	Embroideries, other than Schiffli-machine products—contract factories	1	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	1	
	Housefurnishings (except curtains, draperies, and bedspreads)	2	
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	2	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	1	
	Millinery	2	
	Miscellaneous fabricated textile products not elsewhere classified	1	

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE BOSTON, PROVIDENCE-FALL RIVER-NEW BEDFORD, SPRINGFIELD-HOLYOKE, AND WORCESTER INDUSTRIAL AREAS, AND FOR BOSTON, CAMBRIDGE, FALL RIVER, LOWELL, LYNN, NEW BEDFORD, SOMERVILLE, SPRINGFIELD, AND WORCESTER: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	CITY OF FALL RIVER Continued		
4	Robes, lounging garments, and dressing gowns	4	
	Trimmings (not made in textile mills), stamped art goods, and art needlework - contract factories	1	
	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	1	
	Trousers (semidress), wash suits, and washable service apparel	3	
	Women's and misses' clothing, not elsewhere classified—made in contract factories	5	
	Women's and misses' dresses (except house dresses)—made in contract factories	5	
	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics	1	
	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	1	
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	2	
6	Cork products	1	
	Mattresses and bedsprings	1	
	Upholstered household furniture	1	
	Wood products not elsewhere classified	1	
7	Fiber cans, tubes, and similar products	1	
	Paperboard containers and boxes not elsewhere classified	5	205
8	Engraving (steel, copperplate, and wood); plate printing	2	
	Newspapers: publishing and printing	2	
9	Fertilizers	1	
	Grease and tallow (except lubricating greases)	1	
	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	1	
11	Rubber products not elsewhere classified	1	
12	Industrial leather belting and packing leather	2	
	Suitcases, briefcases, bags, trunks, and other luggage	1	
13	Concrete products	1	
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	1	
14	Fabricated structural steel and ornamental metalwork, made in plants not operated in connection with rolling mills	2	
	Gray-iron and semisteel castings	1	
	Oil burners, domestic and industrial	1	
	Power boilers and associated products	1	
15	Nonferrous-metal foundries (except aluminum)	1	
	Sheet-metal work not specifically classified	1	
17	Commercial laundry, dry-cleaning, and pressing machinery	1	
	Industrial machinery, not elsewhere classified	1	
	Machine-shop products, not elsewhere classified	2	
	Machine-shop repairs	4	12
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	1	
	Textile machinery	4	107
20	Brushes	1	
	Signs, advertising displays, and advertising novelties	1	
	Tobacco pipes and cigarette holders	1	
	CITY OF LOWELL		
1	Biscuit, crackers, and pretzels	2	
	Canned and dried fruits and vegetables (including canned soups	1	
	Ice, manufactured	2	
	Macaroni, spaghetti, vermicelli, and noodles	1	
	Malt liquors	1	
	Prepared feeds (including mineral) for animals and fowls	1	
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	3	57
	Vinegar and cider	1	
3	Cordage and twine	1	
	Cotton broad woven goods	2	
	Cotton narrow fabrics	2	
	Cotton thread	1	
	Cotton yarn	1	
	Dyeing and finishing cotton, rayon, silk, and linen textiles	1	
	Dyeing and finishing woolen and worsted	2	
	Felt goods, wool, hair, and jute (except woven felts and hat bodies and hats)	2	
	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	1	
	Hosiery—seamless	2	
	CITY OF LOWELL Continued		
3	Knitted cloth	1	
	Processed waste and recovered wool fibers—contract factories	1	
	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	1	
	Rayon broad woven goods—regular factories or jobbers engaging contractors	2	
	Rayon narrow fabrics	1	
	Rayon yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	1	
	Silk narrow fabrics	1	
	Woolen and worsted manufactures—contract factories	2	
4	Clothing, leather and sheep-lined	1	
	Corsets and allied garments	1	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	1	
	Housefurnishings (except curtains, draperies, and bedspreads)	1	
	Men's and boys' hats and caps (except felt and straw)	1	
	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	1	
	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	1	
	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	2	
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	1	
5	Planing mills not operated in conjunction with sawmills	1	
6	Household furniture, except upholstered	2	
	Public-building furniture	1	
	Wood products not elsewhere classified	2	
7	Fiber cans, tubes, and similar products	3	91
8	Bookbinding and related industries	1	
	Books: printing without publishing	1	
	Electrotyping and stereotyping, not done in printing establishments	1	
	Photoengraving, not done in printing establishments (including preparation of plates)	2	
9	Drugs and medicines (including drug grinding)	1	
	Insecticides, fungicides, and related industrial and household chemical compounds	1	
	Perfumes, cosmetics, and other toilet preparations	3	
	Printing ink	1	
11	Rubber products not elsewhere classified	1	
12	Industrial leather belting and packing leather	3	
	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	1	
13	Concrete products	1	
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	1	
14	Fabricated structural steel and ornamental metalwork, made in plants not operated in connection with rolling mills	1	
	Gray-iron and semisteel castings	1	
	Hardware not elsewhere classified	1	
	Power boilers and associated products	1	
	Wire drawn from purchased rods	1	
	Wirework not elsewhere classified	2	
15	Nonferrous-metal foundries (except aluminum)	1	
	Sheet-metal work not specifically classified	2	
16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	1	
	Insulated wire and cable	1	
17	Industrial machinery, not elsewhere classified	1	
	Machine-shop products, not elsewhere classified	1	
	Machine-shop repairs	2	
	Mechanical power-transmission equipment	1	
	Special-industry machinery, not elsewhere classified	1	
	Woodworking machinery	1	
20	Pencils (except mechanical) and crayons	2	
	CITY OF LYNN		
1	Baking powder, yeast, and other leavening compounds	1	
	Candy and other confectionery products	3	38
	Flavoring extracts and flavoring sirups, not elsewhere classified	1	
	Food preparations, not elsewhere classified	3	19

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE BOSTON, PROVIDENCE-FALL RIVER-NEW BEDFORD, SPRINGFIELD-HOLYOKE, AND WORCESTER INDUSTRIAL AREAS, AND FOR BOSTON, CAMBRIDGE, FALL RIVER, LOWELL, LYNN, NEW BEDFORD, SOMERVILLE, SPRINGFIELD, AND WORCESTER: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	CITY OF LYNN—Continued		
1	Ice cream and ices	2	
	Ice, manufactured	1	
3	Cotton narrow fabrics	1	
	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	1	
	Hat bodies and hats, fur-felt	1	
4	Canvas products (except bags)	1	
	Clothing, leather and sheep-lined	1	
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	1	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	1	
	Housefurnishings (except curtains, draperies, and bedspreads)	1	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	1	
	Miscellaneous fabricated textile products not elsewhere classified	2	
	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	2	
	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	2	
5	Planing mills not operated in conjunction with sawmills	1	
6	Household furniture, except upholstered	1	
	Lasts and related products	7	161
	Upholstered household furniture	2	
	Venetian blinds	1	
	Window shades	1	
7	Paperboard containers and boxes not elsewhere classified	1	
8	Newspapers: publishing and printing	2	
	Periodicals: publishing and printing	1	
	Photoengraving, not done in printing establishments (including preparation of plates)	1	
9	Drugs and medicines (including drug grinding)	3	43
	Insecticides, fungicides, and related industrial and household chemical compounds	1	
11	Rubber products not elsewhere classified	4	33
12	Leather goods not elsewhere classified	1	
	Leather: tanned, curried, and finished—contract factories	1	
	Small leather goods	1	
	Women's pocketbooks, handbags, and purses	1	
13	Concrete products	2	
14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	10	202
	Fabricated structural steel and ornamental metalwork, made in plants not operated in connection with rolling mills	2	
	Gray iron and semisteel castings	1	
	Heating and cooking apparatus, except electric, not elsewhere classified	1	
	Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills	2	
	Screw-machine products and wood screws	1	
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	2	
	Wirework not elsewhere classified	2	
15	Electroplating, plating, and polishing	1	
	Jewelry (precious metals)	1	
	Nonferrous-metal foundries (except aluminum)	1	
	Sheet-metal work not specifically classified	2	
16	Electrical measuring instruments	1	
	Electric lamps	1	
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	3	
17	Industrial machinery, not elsewhere classified	1	
	Machine-shop products, not elsewhere classified	5	
	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	1	
	Special-industry machinery, not elsewhere classified	6	47
18	Motor vehicles, motor-vehicle bodies, parts and accessories	2	
20	Buttons	1	
	Fabricated plastic products, not elsewhere classified	1	
	Hair work	1	
	CITY OF LYNN—Continued		
20	Needles, pins, hooks and eyes, and slide and snap fasteners	1	
	Signs, advertising displays, and advertising novelties	1	
	Soda fountains, beer dispensing equipment, and related products	1	
	CITY OF NEW BEDFORD		
1	Canned and dried fruits and vegetables (including canned soups)	1	
	Ice, manufactured	1	
	Malt liquors	2	
3	Artificial leather and oilcloth	1	
	Cordage and twine	4	
	Cotton narrow fabrics	2	
	Cotton thread	1	
	Knitted cloth	1	
	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	1	
	Rayon broad woven goods—regular factories or jobbers engaging contractors	4	4,362
	Silk broad woven goods—contract factories	1	
4	Canvas products (except bags)	1	
	Children's dresses—made in inside factories or by jobbers engaging contractors	1	
	Coats, suits, and skirts (except fur coats)—made in contract factories	1	
	Curtains, draperies, and bedspreads—contract factories	1	
	Curtain, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	1	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	1	
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in contract factories	1	
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	2	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	2	
	Miscellaneous fabricated textile products not elsewhere classified	1	
	Trousers (semidress), wash suits, and washable service apparel	2	
	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors	1	
	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics	3	
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	1	
6	Mattresses and bedsprings	2	
	Wood products not elsewhere classified	1	
7	Fiber cans, tubes, and similar products	1	
	Paper and paperboard mills	1	
	Paperboard containers and boxes not elsewhere classified	2	
8	Bookbinding and related industries	1	
	Books: printing without publishing	1	
	Newspapers: publishing and printing	4	106
9	Chemicals not elsewhere classified	2	
	Paints, varnishes, and lacquers	1	
	Rayon and allied products	1	
10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	1	
12	Boot and shoe cut stock and findings	1	
	Footwear (except rubber)	3	
	Suitcases, brief cases, bags, trunks, and other luggage	1	
	Women's pocketbooks, handbags, and purses	2	
13	Tableware, pressed or blown glass, and glassware not elsewhere classified	1	
14	Gray-iron and semisteel castings	1	
	Screw-machine products and wood screws	1	
	Wirework not elsewhere classified	1	
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	1	
	Nonferrous-metal foundries (except aluminum)	2	
	Sheet-metal work not specifically classified	1	
16	Communication equipment	1	
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	1	
	Insulated wire and cable	1	
	Wiring devices and supplies	1	
17	Machine-shop products, not elsewhere classified	4	1

See footnote at end of table.

TABLE 12. INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE BOSTON, PROVIDENCE-FALL RIVER-NEW BEDFORD, SPRINGFIELD-HOLYOKE, AND WORCESTER INDUSTRIAL AREAS, AND FOR BOSTON, CAMBRIDGE, FALL RIVER, LOWELL, LYNN, NEW BEDFORD, SOMERVILLE, SPRINGFIELD, AND WORCESTER: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	CITY OF NEW BEDFORD—Continued		
17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machanists' precision tools	1	-
19	Boat building and boat repairing	1	..
	Shipbuilding and ship repairing	2	
20	Games and toys (except dolls and children's vehicles)	1	
	CITY OF SOMERVILLE		
1	Biscuit, crackers, and pretzels	1	..
	Candy and other confectionery products	4	156
	Cheese	1	
	Condensed and evaporated milk	1	
	Flavoring extracts and flavoring sirups, not elsewhere classified	1	
	Ice cream and ices	3	44
	Ice, manufactured	2	..
	Meat packing, wholesale	2	
	Nonalcoholic beverages	4	75
	Poultry dressing and packing, wholesale	2	.....
	Prepared feeds (including mineral) for animals and fowls	1	..
	Preserves, jams, jellies, and fruit butters	2	.....
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	3	228
2	Cigars	1	-
4	Housefurnishings (except curtains, draperies, and bedspreads)	1	---
	Raincoats and other waterproof garments (except oiled cotton)	1	..
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	1	
5	Planing mills not operated in conjunction with sawmills	2	
6	Caskets, coffins, burial cases, and other morticians' goods	1	-
	Household furniture, except upholstered	2	.....
	Mattresses and bedsprings	2	-
	Mirror frames and picture frames	1	-
	Window and door screens and weather strip	1	-
	Window shades	1	
	Wood products not elsewhere classified	3	91
7	Converted paper products not elsewhere classified	1	
	Envelopes	1	
	Paper bags, except those made in paper mills	1	-
	Paperboard containers and boxes not elsewhere classified	2	.....
8	Bookbinding and related industries	1	...
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	1	..
	Newspapers: publishing without printing	1	...
9	Grease and tallow (except lubricating greases)	1	-
	Insecticides, fungicides, and related industrial and household chemical compounds	1	-
	Perfumes, cosmetics, and other toilet preparations	1	-
	Soap and glycerin	2	..
	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	1	..
10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	1	..
12	Suitcases, brief cases, bags, trunks, and other luggage	1	..
14	Fabricated structural steel and ornamental metalwork made in plants not operated in connection with rolling mills	5	48
	Hardware not elsewhere classified	1	
	Steam fittings, regardless of material	1	..
	Tin cans and other tinware not elsewhere classified	1	
	Tools (except edge tools, machine tools, files, and saws)	1	
15	Electroplating, plating, and polishing	1	-
	Lighting fixtures	1	
	Nonferrous-metal foundries (except aluminum)	1	..
	Nonferrous-metal products not elsewhere classified	1	..
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	1	...
	Sheet-metal work not specifically classified	2	....
16	Electrical appliances	1	...
17	Industrial machinery, not elsewhere classified	2	.....
	Machine-shop products, not elsewhere classified	2	.....
	Machine-shop repairs	1	..
	Pumping equipment and air compressors	1	...
18	Motor vehicles, motor-vehicle bodies, parts and accessories	2	.
	CITY OF SOMERVILLE—Continued		
20	Brooms	1	----
	Miscellaneous fabricated products not elsewhere classified	1	.
	Models and patterns (except paper patterns)	2	- -
	Optical instruments and lenses	1	.
	Signs, advertising displays, and advertising novelties	1	
	CITY OF SPRINGFIELD		
1	Condensed and evaporated milk	1	.
	Flavoring extracts and flavoring sirups, not elsewhere classified	2	..
	Food preparations, not elsewhere classified	2	..
	Macaroni, spaghetti, vermicelli, and noodles	1	..
	Malt liquors	1	..
	Meat packing, wholesale	1	.
	Pickled fruits and vegetables and vegetable sauces and seasonings	1	-
	Prepared feeds (including mineral) for animals and fowls	1	. .
	Preserves, jams, jellies, and fruit butters	1	
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	2	
2	Cigars	3	25
3	Carpets and rugs, wool	1	.
	Cotton narrow fabrics	1	.
	Cotton thread	1	- ----
	Knitted cloth	1	----
	Knitted underwear	2	. .
	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	1	. ----
4	Canvas products (except bags)	2	---
	Corsets and allied garments	1	
	Embroideries, other than Schiffli-machine products—contract factories	1	.
	Fur coats and other fur garments, accessories, and trimmings	2	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	2	
	Housefurnishings (except curtains, draperies, and bedspreads)	1	
	Miscellaneous fabricated textile products not elsewhere classified	1	.
	Raincoats and other waterproof garments (except oiled cotton)	1	. ..
	Trousers (semidress), wash suits, and washable service apparel	3	48
	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	1	..
5	Planing mills not operated in conjunction with sawmills	1	.
6	Caskets, coffins, burial cases, and other morticians' goods	1	..
	Cooperage	1	. .
	Matches	1	....
	Mirror frames and picture frames	1	.. .
	Partitions, shelving, cabinet work, and office and store fixtures	1	.
	Upholstered household furniture	3	141
	Window shades	3	. . .
	Wood products not elsewhere classified	1	. ..
7	Coated and glazed paper	2	. . .
	Converted paper products not elsewhere classified	1	.
	Die-cut paper and paperboard, and converted cardboard	1	. .
	Envelopes	2	. . .
	Paperboard containers and boxes not elsewhere classified	4	72
8	Bookbinding and related industries	2	. .
	Books: publishing and printing	1	..
	Books: publishing without printing	3	. . .
	Electrotyping and stereotyping, not done in printing establishments	2	.....
	Engraving (steel, copperplate, and wood); plate printing	2	.
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	4	.
	Machine and hand typesetting (including advertisement typesetting)	3	6
	Newspapers: publishing and printing	1	--
	Newspapers: publishing without printing	1	. .
	Periodicals: publishing and printing	1	.
	Periodicals: publishing without printing	5	.
	Photoengraving, not done in printing establishments (including preparation of plates)	6	.
9	Chemicals not elsewhere classified	1	
	Cleaning and polishing preparations, blackings, and dressings	1	

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE BOSTON, PROVIDENCE-FALL RIVER-NEW BEDFORD, SPRINGFIELD-HOLYOKE, AND WORCESTER INDUSTRIAL AREAS, AND FOR BOSTON, CAMBRIDGE, FALL RIVER, LOWELL, LYNN, NEW BEDFORD, SOMERVILLE, SPRINGFIELD, AND WORCESTER: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	CITY OF SPRINGFIELD—Continued		
9	Colors and pigments	1	
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	1	
	Drugs and medicines (including drug grinding)	2	
	Insecticides, fungicides, and related industrial and household chemical compounds	2	
	Paints, varnishes, and lacquers	1	
	Perfumes, cosmetics, and other toilet preparations	1	
	Plastic materials	1	
	Printing ink	1	
	Soap and glycerin	1	
12	Industrial leather belting and packing leather	1	
	Saddlery, harness, and whips	1	
	Small leather goods	1	
	Women's pocketbooks, handbags, and purses	1	
13	Abrasive wheels, stone, paper, cloth, and related products	3	
	Concrete products	9	
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	2	
	Firearms	1	
	Forgings, iron and steel—made in plants not operated in connection with rolling mills	2	
	Gray-iron and semisteel castings	3	
	Hardware not elsewhere classified	3	200
	Oil burners, domestic and industrial	2	
	Power boilers and associated products	1	
	Saws	3	71
	Screw-machine products and wood screws	1	
	Stamped and pressed metal products (except automobile stampings)	2	
	Wirework not elsewhere classified	2	
15	Clocks, watches, and materials and parts (except watchcases)	1	
	Electroplating, plating, and polishing	2	
	Engraving on metal (except for printing purposes)	2	
	Gold and silver leaf and foil	2	
	Nonferrous-metal products not elsewhere classified	1	
	Sheet-metal work not specifically classified	1	
16	Automotive electrical equipment	1	
	Communication equipment	1	
	Electrical appliances	1	
	Electrical products not elsewhere classified	1	
	Electric lamps	1	
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	1	
	Wiring devices and supplies	1	
17	Agricultural machinery (except tractors)	1	
	Food products machinery	1	
	Industrial machinery, not elsewhere classified	1	
	Machine-shop products, not elsewhere classified	3	1,221
	Machine-shop repairs	1	
	Machine tools	2	
	Mechanical power-transmission equipment	2	
	Stokers, mechanical, domestic and industrial	1	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	1	
19	Motorcycles, bicycles, and parts	1	
20	Beauty-shop and barber-shop equipment	1	
	Brushes	1	
	Dolls (except rubber)	1	
	Games and toys (except dolls and children's vehicles)	1	
	Miscellaneous fabricated products not elsewhere classified	1	
	Pens, mechanical pencils, and pen points	1	
	Signs, advertising displays, and advertising novelties	7	
	Sporting and athletic goods not elsewhere classified	1	
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	1	
	CITY OF WORCESTER		
1	Biscuit, crackers, and pretzels	1	
	Candy and other confectionery products	3	
	Condensed and evaporated milk	1	
	Flavoring extracts and flavoring sirups, not elsewhere classified	1	
	Flour and other grain-mill products	1	
	Macaroni, spaghetti, vermicelli, and noodles	1	
	Malt liquors	1	
	Meat packing, wholesale	1	
	Nonalcoholic beverages	11	42
	Prepared feeds (including mineral) for animals and fowls	1	
2	Cigars	2	
	CITY OF WORCESTER—Continued		
3	Batting, padding, and wadding; upholstery filling	2	
	Carpets and rugs, wool	1	
	Cotton broad woven goods	2	
	Cotton narrow fabrics	2	
	Cotton thread	2	
	Knitted cloth	2	
	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	3	
	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	6	
	Rayon narrow fabrics	1	
4	Canvas products (except bags)	2	
	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	4	
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	2	
	House dresses, uniforms, and aprons—made in contract factories	1	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	2	
	Housefurnishings (except curtains, draperies, and bedspreads)	1	
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	1	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	2	
	Men's and boys' underwear—made in inside factories or by jobbers engaging contractors	1	
	Men's neckwear—made in contract factories	2	
	Men's neckwear—made in inside factories or by jobbers engaging contractors	1	
	Millinery	1	
	Raincoats and other waterproof garments (except oiled cotton)	1	
	Suspenders, garters, and other goods made from purchased elastic material	3	
	Textile bags—not made in textile mills	2	
	Trousers (semidress), wash suits, and washable service apparel	1	
	Women's and misses' clothing, not elsewhere classified—made in contract factories	1	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	4	21
	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics	1	
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	6	83
5	Planing mills not operated in conjunction with sawmills	6	55
6	Caskets, coffins, burial cases, and other morticians' goods	2	
	Cooperage	1	
	Household furniture, except upholstered	2	
	Public-building furniture	1	
	Upholstered household furniture	4	54
	Venetian blinds	2	
	Wooden boxes except cigar boxes	3	129
7	Converted paper products not elsewhere classified	6	
	Paperboard containers and boxes not elsewhere classified	2	
	Wallpaper	1	
8	Bookbinding and related industries	2	
	Electrotyping and stereotyping, not done in printing establishments	3	26
	Engraving (steel, copperplate, and wood); plate printing	2	
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	1	
	Newspapers: publishing and printing	3	231
	Newspapers: publishing without printing	2	
	Periodicals: publishing and printing	3	
	Periodicals: publishing without printing	1	
9	Cleaning and polishing preparations, blackings, and dressings	2	
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	1	
	Drugs and medicines (including drug grinding)	5	
	Insecticides, fungicides, and related industrial and household chemical compounds	1	
	Lubricating oils and greases—not made in petroleum refineries	1	
	Paints, varnishes, and lacquers	1	
	Perfumes, cosmetics, and other toilet preparations	1	
	Printing ink	1	
10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	1	
11	Rubber products not elsewhere classified		

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE BOSTON, PROVIDENCE-FALL RIVER-NEW BEDFORD, SPRINGFIELD-HOLYOKE, AND WORCESTER INDUSTRIAL AREAS, AND FOR BOSTON, CAMBRIDGE, FALL RIVER, LOWELL, LYNN, NEW BEDFORD, SOMERVILLE, SPRINGFIELD, AND WORCESTER: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	CITY OF WORCESTER—Continued		
12	Industrial leather belting and packing leather	4	267
	Leather goods, n. e. c. elsewhere classified	2	
	Leather tanned, curried, and finished—regular factories or jobbers engaging contractors	3	
	Suitcases, brief cases, bags, trunks, and other luggage	1	
13	Abrasive wheels, stone, paper, cloth, and related products	1	
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	2	
	Steam and other packing; pipe and boiler covering	1	
14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	2	
	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	3	72
	Firearms	1	
	Forgings, iron and steel—made in plants not operated in connection with rolling mills	2	
	Hardware not elsewhere classified	1	
	Malleable-iron castings	1	
	Power boilers and associated products	2	
	Saws	1	
	Steel works and rolling mills	2	
	Tin cans and other tinware not elsewhere classified	1	
	Wirework not elsewhere classified	9	
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	1	
	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	1	
	Electroplating, plating, and polishing	9	128
	Engraving on metal (except for printing purposes)	1	
	Jewelry (precious metals)	2	
	Lighting fixtures	2	
	Nonferrous-metal foundries (except aluminum)	4	
	Sheet-metal work not specifically classified	7	26
	CITY OF WORCESTER—Continued		
16	Electrical appliances	1	
	Electrical products not elsewhere classified	2	
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	3	12
17	Agricultural machinery (except tractors)	1	
	Blowers; exhaust and ventilating fans	2	
	Food-products machinery	1	
	Industrial machinery, not elsewhere classified	2	
	Machine-shop repairs	2	
	Mechanical power-transmission equipment	2	
	Metal-working machinery and equipment, not elsewhere classified	3	
	Paper-mill, pulp-mill, and paper-products machinery	3	
	Pumping equipment and air compressors	1	
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	1	
	Steam engines, turbines, and water wheels	2	
19	Cars and car equipment—railroad, street, and rapid-transit	1	
	Motorcycles, bicycles, and parts	1	
20	Brushes	3	
	Dental equipment and supplies	1	
	Hand stamps, stencils, and brands	2	
	Models and patterns (except paper patterns)	5	
	Musical instruments, parts, and materials not elsewhere classified	1	
	Photographic apparatus and materials and projection equipment (except lenses)	1	
	Signs, advertising displays, and advertising novelties	5	
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	2	

[1] For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and of industry groups, sec. 27

MICHIGAN

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939

KEY TO PLACES

ADRIAN	41	HAMTRAMCK	32	MUSKEGON HEIGHTS	13
ALPENA	7	HIGHLAND PARK	31	NILES	43
ANN ARBOR	29	HOLLAND	14	OWOSSO	16
BATTLE CREEK	27	IRON MOUNTAIN	5	PONTIAC	21
BAY CITY	10	IRONWOOD	1	PORT HURON	18
BENTON HARBOR	42	JACKSON	28	RIVER ROUGE	37
BIRMINGHAM	22	KALAMAZOO	26	ROYAL OAK	23
DEARBORN	35	LANSING	25	SAGINAW	11
DETROIT	34	LINCOLN PARK	36	SAINT CLAIR SHORES	20
ECORSE	38	MARQUETTE	2	SAULT SAINTE MARIE	3
ESCANABA	4	MENOMINEE	6	TRAVERSE CITY	8
FERNDALE	24	MIDLAND	9	WYANDOTTE	39
FLINT	17	MONROE	40	YPSILANTI	30
GRAND RAPIDS	15	MOUNT CLEMENS	19		
GROSSE POINTE PARK	33	MUSKEGON	12		

UNDER 500 WAGE EARNERS

500 TO 2,499 WAGE EARNERS

2,500 OR MORE WAGE EARNERS

PLACES OF 10,000 TO 99,999 POPULATION

PLACES OF 100,000 OR MORE POPULATION

INDUSTRIAL AREA:

4 DETROIT AREA

Prepared by the Bureau of the Census, Department of Commerce

475614—42——32

MICHIGAN

Table 1.—SUMMARY FOR THE STATE: 1939, 1937, AND 1929

Census year	Number of establishments	Proprietors and firm members	Number of persons employed in manufacturing [1]	Salaries and wages [1]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2]	Value of products [2]	Value added by manufacture [3]
1939	6,311	3,924	588,446	$963,557,084	$2,549,818,942	$4,348,223,244	$1,798,404,302
1937	5,614	2,989	736,895	1,170,254,609	3,204,437,649	5,296,100,960	2,091,663,311
1929	6,549	3,793	584,983	1,018,426,214	2,558,463,971	4,584,045,318	2,025,581,347

[1] Figure for 1939 does not include data for employees of manufacturing establishments (except salaried officers of corporations) who were engaged in distribution, construction, and other nonmanufacturing work. For detail, see table 8. It is not known to what extent data for such nonmanufacturing employees were included in figures reported for earlier years. See General Explanations—Persons engaged in general classification.

[2] The aggregates for cost of materials, etc., and value of products include large amounts of duplication due to the use of the products of some industries as materials by others. See General Explanations—Duplication in cost of materials and value of products.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See General Explanations—Value added by manufacture.

Table 2.—SUMMARY FOR DETROIT INDUSTRIAL AREA, COUNTIES, AND PLACES: 1939

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2] [3]	Value of products [2] [3]	Value added by manufacture
The State	5,256,106	[5] 6,311	522,242	$789,975,675	$2,549,818,942	$4,348,223,244	$1,798,404,302
Detroit Industrial Area [6]	2,269,691	2,772	311,332	511,909,475	1,650,125,393	2,719,210,429	1,069,085,036
COUNTIES [4]							
Alcona [7]	5,463	1					
Alger	10,167	13	640	678,887	2,876,076	3,826,796	950,720
Allegan	41,839	54	1,476	1,660,104	7,105,058	11,164,487	4,059,429
Alpena	20,766	19	1,618	1,696,075	3,519,347	7,384,278	3,864,931
Antrim	10,964	6	366	325,602	917,802	1,453,054	535,252
Arenac	9,233	6	22	21,845	184,855	260,150	75,295
Baraga [7]	9,356	11	611				
Barry	22,613	16	821	853,690	2,113,591	5,815,845	3,702,254
Bay	74,981	99	5,946	7,527,478	20,621,973	36,895,304	16,273,331
Benzie	7,800	7	75	35,449	329,608	512,893	183,285
Berrien	89,117	167	9,052	10,155,999	26,736,565	51,022,532	24,285,967
Branch	25,845	33	1,299	1,183,726	3,224,624	6,331,010	3,106,386
Calhoun	94,206	129	9,775	13,388,173	35,143,947	88,053,387	52,909,440
Cass	21,910	21	670	678,356	1,598,411	3,473,486	1,875,075
Charlevoix [7]	13,031	7	304				
Cheboygan	13,644	8	310	241,530	1,147,914	1,811,434	663,520
Chippewa	27,807	24	1,473	1,816,526	6,450,240	10,558,702	4,108,462
Clare	9,163	8	25	23,514	180,540	277,157	96,617
Clinton	26,671	18	219	262,232	4,583,752	7,172,649	2,588,897
Crawford [7]	3,765	6	87				
Delta	34,037	47	1,554	1,616,162	5,303,162	8,929,574	3,626,412
Dickinson [7]	28,731	23	1,628				
Eaton	34,124	41	903	780,353	2,402,537	4,567,537	2,165,000
Emmet	15,791	17	598	594,293	1,601,935	3,699,407	2,097,472
Genesee [7]	227,944	139	33,085				
Gladwin	9,385	5	18	15,726	100,447	150,541	50,094
Gogebic	31,797	35	995	846,225	946,131	2,235,912	1,289,781
Grand Traverse	23,390	31	822	584,142	2,027,558	3,800,983	1,773,425
Gratiot	32,205	29	983	972,690	8,989,234	12,657,944	3,668,710
Hillsdale	29,092	32	1,593	1,537,557	9,115,445	11,828,877	2,713,432
Houghton	47,631	51	949	790,238	8,893,251	13,561,940	4,668,689
Huron	32,584	32	540	533,479	3,577,243	6,695,934	3,118,691
Ingham [7]	130,616	129	12,768				
Ionia	35,710	39	1,490	1,276,517	7,979,331	11,147,366	3,168,035
Iosco [7]	8,560	4	175				
Iron	20,243	22	236	169,704	553,680	891,189	337,509
Isabella	25,982	21	373	416,447	3,615,185	5,291,989	1,676,804
Jackson	93,108	125	6,938	9,793,094	28,832,491	54,801,416	25,968,925
Kalamazoo	100,085	179	11,025	14,291,271	46,308,342	92,243,661	45,935,319
Kalkaska [8]	5,159						
Kent	246,338	491	23,985	29,255,873	64,185,509	136,137,069	71,951,560
Keweenaw [7]	4,004	2					
Lake [7]	4,798						
Lapeer	32,116	25	600	597,401	1,134,764	2,200,045	1,065,281
Leelanau [7]	8,436	2					
Lenawee	53,110	89	3,149	3,389,392	12,232,340	22,962,266	10,729,926
Livingston	20,863	14	507	595,975	1,287,437	2,779,672	1,492,235
Luce	7,423	8	79	73,893	88,525	240,665	152,140
Mackinac	9,438	8	25	18,345	68,595	105,643	37,048
Macomb	107,638	62	4,512	6,764,391	45,117,473	65,662,812	20,545,339
Manistee	18,450	33	1,769	1,429,186	4,031,931	7,910,198	3,878,267
Marquette	47,144	46	1,632	1,415,447	2,627,439	5,855,525	3,228,086
Mason	19,378	27	1,030	795,811	2,307,470	4,270,705	1,963,235
Mecosta	16,902	16	462	457,837	2,857,620	3,896,972	1,039,352
Menominee	24,883	42	1,642	1,589,221	5,457,985	9,172,102	3,714,117

See footnotes at end of table.

TABLE 2.—SUMMARY FOR DETROIT INDUSTRIAL AREA, COUNTIES, AND PLACES: 1939—Continued

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
COUNTIES [5]—continued							
Midland [7]	27,094	14	2,489				
Missaukee [7]	8,034	3	6				
Monroe	58,620	50	4,244	$5,214,778	$12,191,178	$25,805,271	$13,614,093
Montcalm	28,581	24	1,079	1,075,451	6,015,000	9,889,588	3,874,588
Montmorency [7]	3,840	1					
Muskegon	94,501	125	13,493	16,010,445	43,170,092	81,860,230	38,690,138
Newaygo [7]	19,286	14	454				
Oakland*	254,068	139	16,133				
Oceana	14,812	21	326	192,316	1,480,412	2,077,594	597,182
Ogemaw [7]	8,720	4	15				
Ontonagon	11,359	19	874	778,794	1,771,948	2,913,527	1,141,579
Osceola	13,309	9	248	183,894	1,306,797	1,836,389	529,592
Oscoda [7]	2,543	1					
Otsego	5,827	3	8	6,752	45,154	68,380	23,226
Ottawa	59,660	129	6,027	6,182,731	16,636,524	34,893,415	18,256,891
Presque Isle [7]	12,250	5	137				
Roscommon [7]	3,668	2					
Saginaw	130,468	159	12,155	17,220,309	31,124,720	68,516,385	37,391,665
St. Clair	76,222	72	5,324	6,898,263	19,004,981	39,118,008	20,113,027
St. Joseph	31,749	56	3,262	3,664,139	12,617,488	23,279,328	10,661,840
Sanilac	30,114	23	181	136,257	1,247,528	1,874,324	626,796
Schoolcraft	9,524	16	351	392,214	1,246,200	2,407,091	1,160,891
Shiawassee	41,207	47	1,563	1,519,804	3,738,093	6,891,810	3,153,717
Tuscola	35,694	2[illegible]	623	620,738	2,505,359	4,056,396	1,551,037
Van Buren	35,111	54	1,148	930,047	3,392,283	6,473,971	3,081,688
Washtenaw	80,810	118	4,852	6,493,531	15,507,545	31,613,295	16,105,750
Wayne*	2,015,623	2,772	311,332	511,909,475	1,650,125,393	2,719,210,429	1,069,085,036
Wexford	17,976	26	1,102	923,646	2,567,031	4,805,779	2,238,748
Undistributed [9]		368	51,855	88,472,235	335,747,853	550,920,926	215,173,073
PLACES HAVING 10,000 OR MORE INHABITANTS							
Adrian	14,230	39	1,714	1,883,978	5,397,392	10,424,401	5,027,009
Alpena [10]	12,808	17	1,611				
Ann Arbor	29,815	58	1,956	2,719,305	5,521,354	13,148,215	7,626,861
Battle Creek	43,453	72	6,627	9,407,520	27,621,401	70,650,658	43,029,257
Bay City	47,956	77	5,216	6,463,219	15,284,721	28,387,330	13,102,609
Benton Harbor	16,668	54	2,422	2,557,823	4,388,851	9,326,705	4,937,854
Birmingham	11,196	9	96	137,045	208,124	581,445	373,321
Dearborn [10]	63,584	40	68,043				
Detroit	1,623,452	2,335	182,373	296,486,865	932,639,532	1,582,619,497	649,979,965
Ecorse [10]	13,209	12	7,189				
Escanaba	14,830	19	332	377,619	1,812,147	2,735,424	923,277
Ferndale [10]	22,523	19	459				
Flint [10]	151,543	109	32,718				
Grand Rapids	164,292	421	19,665	23,050,012	44,423,592	99,915,933	55,492,341
Grosse Pointe Park [10]	12,646	4	18				
Hamtramck [10]	49,839	67	22,945				
Highland Park [10]	50,810	38	6,051				
Holland	14,616	59	2,694	2,484,438	5,798,957	15,166,381	9,367,424
Iron Mountain [10]	11,080	12	220				
Ironwood	13,369	16	232	200,839	264,493	666,651	402,158
Jackson	49,656	104	6,223	8,846,068	26,298,776	50,059,657	23,760,881
Kalamazoo	54,097	147	7,233	9,122,873	28,374,138	61,409,756	33,035,618
Lansing [10]	78,753	106	12,539				
Lincoln Park [10]	15,236	3	20				
Marquette	15,928	19	833	854,133	1,592,965	3,024,159	1,431,194
Menominee	10,230	25	1,559	1,509,182	4,194,419	7,360,775	3,166,356
Midland [10]	10,329	11	2,448				
Monroe	18,478	35	3,876	4,793,830	11,177,237	23,944,324	12,767,087
Mount Clemens [10]	14,389	20	1,196				
Muskegon	47,697	87	7,141	8,749,517	19,480,107	43,537,453	24,057,346
Muskegon Heights	16,047	17	4,115	4,614,921	16,503,136	25,759,659	9,256,523
Niles	11,328	26	1,587	1,946,520	5,422,795	11,938,496	6,515,701
Owosso	14,424	30	1,241	1,200,053	3,051,402	5,331,628	2,280,226
Pontiac [10]	66,626	49	14,152				
Port Huron	32,759	38	1,986	2,755,365	8,475,428	16,521,348	8,045,920
River Rouge	17,008	19	1,808	2,892,067	18,982,286	25,485,660	6,503,374
Royal Oak [10]	25,087	18	146				
Saginaw	82,794	125	11,547	16,518,078	25,940,627	60,734,675	34,794,048
Saint Clair Shores [8]	10,405						
Sault Sainte Marie	15,847	18	1,397	1,764,781	6,285,758	10,296,844	4,011,086
Traverse City	14,455	30	814	577,859	2,020,868	3,778,068	1,757,200
Wyandotte	30,618	44	3,658	5,666,351	15,098,721	34,915,958	19,817,237
Ypsilanti	12,121	23	2,118	2,805,910	7,069,277	13,475,482	6,406,205

*The figures for Oakland County have been combined with those for Wayne County to avoid disclosing data for individual establishments.

[1] Not including salaried officers and employees nor nonmanufacturing wage earners. The figure for each county or place is an average of the numbers reported for the several months of the year. In calculating it, equal weight must be given to full-time and to part-time wage earners (not reported separately by the manufacturers), and for this reason it exceeds the number that would have been required to perform the work done in the industries if all wage earners had been continuously employed throughout the year. The quotient obtained by dividing the amount of wages by the average number of wage earners cannot, therefore, be accepted as representing the average wage received by full-time wage earners. Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several counties do not add exactly to the average for the State. In making comparisons between the figures for 1939 and those for earlier years, the possibility that the proportion of part-time employment varied from year to year should be taken into account.

[2] Profits and losses cannot be calculated from the census figures because no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, and advertising.

[3] See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

[5] For numbers of establishments by "Industry groups," see table 11.

[6] The Detroit Industrial Area comprises Oakland and Wayne counties. For statistics by industries for the area, see table 9.

[7] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Undistributed" figures.

[8] No manufacturing reported.

[9] The "Undistributed" figure for number of establishments and a part of the "Undistributed" figure for number of wage earners are included above in the items for the respective counties. The sums of the figures in these two columns are, therefore, larger than the corresponding State totals.

[10] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments, and for the same reason no table giving statistics, by industries, for Flint is included in this report.

TABLE 3. PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, BY SEX: 1939 AND 1929

[The 1939 questionnaire, for the first time, called for data on the *total* number of employees in manufacturing establishments, including those engaged wholly or chiefly in distribution, construction, and other nonmanufacturing activities. It is not known to what extent data for such employees were included in the figures reported for earlier years. This table presents detailed figures for employees receiving pay at any time within the *normal* pay-roll period ended nearest Oct. 14, 1939, and for such employees on the pay roll on Dec. 14, 1929, or on the nearest *representative* date. The total for "Wage earners engaged in manufacturing" is not identical with the average for the year (given in other tables) and differs from the number reported for October 1939 or for December 1929, because for both years some manufacturers gave wage-earner figures for months other than those specified. See GENERAL EXPLANATIONS—Persons engaged—general classification]

CLASS AND SEX	1939 (Oct. 14)[1]	1929 (Dec. 14)[1]
All classes, aggregate[2]	683,902	585,740
Male	593,506	502,645
Female	90,396	83,095
Salaried officers and employees, total	98,931	66,463
Male	77,540	48,353
Female	21,391	18,110
Salaried officers of corporations, total	5,439	5,470
Male	5,086	5,220
Female	353	250
All other employees (except wage earners in manufacturing), total	93,492	60,993
Male	72,454	43,133
Female	21,038	17,860
Salaried officers and employees—Continued.		
All other employees, etc.—Continued.		
Engaged in manufacturing:		
Male	47,521	
Female	13,244	
Engaged in distribution:		
Male	20,733	
Female	7,463	(3)
Engaged in construction:		
Male	2,537	
Engaged in other work:		
Male	1,663	
Female	331	
Wage earners engaged in manufacturing, total	584,971	519,277
Male	515,966	454,292
Female	69,005	64,985

[1] See headnote.
[2] Figures do not include data for 3,923 proprietors and firm members for 1939 and 3,793 for 1929, which were not reported by sex for 1939.
[3] No data.

TABLE 4.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS: 1939, 1937, AND 1929

[The figures for 1939 relate to wage earners engaged in manufacturing only. It is not known to what extent the figures for earlier years include data for nonmanufacturing wage earners. See headnote to table 3]

CENSUS YEAR	Average number employed during year[1]	NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH—											
		January	February	March	April	May	June	July	August	September	October	November	December
1939	522,242	530,244	525,746	523,312	518,931	506,899	487,901	449,927	444,701	550,579	574,302	550,075	604,291
1937	660,676	662,370	680,025	686,208	695,085	701,371	687,941	664,286	638,062	598,725	666,162	656,645	591,229
1929	518,520	520,878	547,237	561,135	567,563	566,413	546,144	540,170	537,100	526,194	484,788	418,532	406,071

[1] See GENERAL EXPLANATIONS—Wage earners and wages.

TABLE 5. SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY NUMBER OF WAGE EARNERS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR)[1]		VALUE OF PRODUCTS	VALUE ADDED BY MANUFACTURE[2]
	1939	1929	1939	1929	1939	1939
All establishments	6,311	6,549	522,242	518,520	$4,348,223,244	$1,798,404,302
No wage earners	227	213			5,437,156	2,831,174
1 to 5	2,532	2,803	6,966	7,452	68,763,311	30,425,077
6 to 20	1,602	1,570	18,067	17,448	159,990,118	72,544,682
21 to 50	776	794	25,487	25,945	209,681,445	98,579,847
51 to 100	442	447	31,495	32,498	215,470,095	108,192,680
101 to 250	400	386	63,437	60,520	418,994,185	207,745,584
251 to 500	169	177	58,277	61,958	430,994,716	216,381,246
501 to 1,000	81	82	56,000	57,922	426,368,684	197,712,102
1,001 to 2,500	55	47	78,548	69,999	600,204,481	263,352,351
2,501 or more	27	30	183,965	184,778	1,812,319,053	600,639,559

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 6.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY VALUE OF PRODUCTS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
All establishments	6,311	6,549	522,242	518,520	$4,348,223,244	$4,584,045,318	$1,798,404,302	$2,025,581,347
$5,000 to $19,999	1,834	1,860	4,783	4,151	20,537,809	21,670,160	11,752,134	13,001,685
$20,000 to $49,999	1,295	1,358	7,985	7,035	41,338,369	44,016,245	22,773,675	25,457,489
$50,000 to $99,999	858	869	10,804	9,527	61,687,485	61,650,596	32,775,515	35,412,766
$100,000 to $249,999	929	941	25,159	22,997	148,142,398	152,229,986	78,993,548	84,704,055
$250,000 to $499,999	480	518	29,802	27,087	171,046,791	179,840,622	87,191,832	98,118,045
$500,000 to $999,999	358	453	38,322	45,415	250,841,248	318,953,000	124,958,690	163,455,095
$1,000,000 to $2,499,999	319	319	67,663	73,549	494,359,052	490,807,628	240,957,586	254,300,361
$2,500,000 to $4,999,999	113	105	49,009	46,640	383,345,919	353,879,416	182,265,949	190,691,565
$5,000,000 and over	125	126	288,715	282,119	2,776,924,173	2,960,997,665	1,016,735,373	1,160,440,286

[1] See headnotes to tables 3 and 4.

[2] See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 7.—ESTABLISHMENTS CLASSIFIED AS UNDER CORPORATE OR OTHER FORM OF OWNERSHIP (OR CONTROL) AND AS UNDER CENTRAL-ADMINISTRATIVE-OFFICE OR INDEPENDENT OPERATION: 1939 AND 1929

TYPE OF OWNERSHIP OR CONTROL, AND OF OPERATION	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
Total	6,311	6,549	522,242	518,520	$4,348,223,244	$4,584,045,318	$1,798,404,302	$2,025,581,347
TYPE OF OPERATION								
1939 [3]								
Corporate ownership or control:								
Central-administrative-office (plural-unit)	1,100	(3)	369,744	(3)	3,305,079,518	(3)	1,277,879,505	(3)
Independent (single-unit)	2,393	(3)	131,338	(3)	911,212,093	(3)	460,475,966	(3)
Noncorporate ownership:								
Central-administrative-office (plural-unit)	103	(3)	1,891	(3)	8,602,223	(3)	3,246,271	(3)
Independent (single-unit)	2,715	(3)	19,269	(3)	123,329,410	(3)	56,802,560	(3)
1939 AND 1929 [3]								
Central-administrative-office (plural-unit), corporate and noncorporate	1,203	788	371,635	289,571	3,313,681,741	2,545,443,891	1,281,125,776	1,089,238,479
Independent (single-unit), corporate and noncorporate	5,108	5,761	150,607	228,949	1,034,541,503	2,038,601,427	517,278,526	936,342,868
TYPE OF OWNERSHIP OR CONTROL								
Corporate	3,493	3,448	501,082	495,792	4,216,291,611	4,408,848,554	1,738,355,471	1,929,563,555
Noncorporate, total	2,818	3,101	21,160	22,728	131,931,633	175,196,764	60,048,831	96,017,792
Individual	1,922	(4)	11,521	(4)	65,875,448	(4)	31,814,116	(4)
Partnership	838	(4)	9,070	(4)	57,400,222	(4)	26,579,400	(4)
Cooperative	41	(4)	401	(4)	7,740,318	(4)	1,220,985	(4)
Other	17	(4)	168	(4)	915,645	(4)	434,330	(4)

[1] See headnotes to tables 3 and 4.

[2] See GENERAL EXPLANATIONS—Value added by manufacture.

[3] Because of changes in the questionnaire, no comparable figures for 1929 can be given for the first section of this table. For this reason, the items have been regrouped under "1939 and 1929" to present comparable figures so far as this can be done.

[4] No data.

TABLE 8.—GENERAL STATISTICS FOR

[This table presents separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establish
are given, however, reported larger numbers of wage earners or

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS[1] Total[3]	Salaried officers of corporations[2]	Manufacturing: Salaried employees[2]	Manufacturing: Wage earners (average for year)[3]	Distribution	Construction	Other
1		All industries, total	6,311	3,923	621,173	5,439	60,765	522,242	28,196	2,537	1,994
2	13	Abrasive wheels, stones, paper, cloth, and related products	9	2	628	12	49	451	115	1	
3	17	Agricultural machinery (except tractors)	15	8	875	23	144	613	91	1	3
4	19	Aircraft and parts, including aircraft engines	9	8	1,336	11	301	962	62		
5	15	Alloying, and rolling and drawing of nonferrous metals, except aluminum	16		3,735	29	423	3,020	179	69	15
6	15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	18	9	2,286	14	295	1,960	12	5	
7	13	Asbestos products (except steam packing and pipe and boiler covering)	3		319	3	62	215	39		
8	14	Automobile stampings	33	11	3,518	46	353	3,059	54	3	3
9	18	Automobile trailers (for attachment to passenger cars)	20	12	563	20	54	456	32		1
10	16	Automotive electrical equipment	7	1	868	6	30	826	6		
11	6	Baskets for fruits and vegetables	8	4	407	7	17	368	10	5	
12	16	Batteries, storage and primary (dry and wet)	7	10	50		5	38	5		2
13	3	Batting, padding, and wadding, upholstery filling	9		1,107	10	89	992	16		
14	1	Beet sugar	13		1,800	11	119	1,585	1	16	68
15	1	Biscuit, crackers, and pretzels	13	4	1,402	20	80	1,180	114		8
16	14	Blast-furnace products	4		936	1	50	870	3	12	
17	17	Blowers; exhaust and ventilating fans	12	4	1,160	15	167	715	178	11	74
18	19	Boat building and boat repairing	11	7	986	11	86	872	17		
19	14	Bolts, nuts, washers, and rivets made in plants not operated in connection with rolling mills	16	1	1,065	28	97	904	36		
20	8	Bookbinding and related industries	27	14	1,315	37	202	1,038	38		
21	8	Books: printing without publishing	58	37	1,524	56	190	1,169	108	1	
22	8	Books: publishing and printing	4	1	65	2	11	49	3		
23	8	Books: publishing without printing	11	8	197	1	130		66		
24	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	686	754	11,068	105	643	9,205	900	49	158
25	13	Brick and hollow structural tile	10	3	527	10	30	466	10	11	
26	20	Brooms	7	9	52	1	1	48	2		
27	20	Brushes	7	10	94	5	5	77	7		
28	20	Buttons	4	2	289	4	33	239	13		
29	1	Candy and other confectionery products	27	11	1,050	23	75	892	57	3	
30	1	Canned and dried fruits and vegetables (including canned soups)	51	12	3,047	55	188	2,599	165	25	15
31	4	Canvas products (except bags)	13	7	309	11	24	195	78		1
32	3	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	3	4	54		10	44			
33	17	Cars and trucks, industrial	6	5	570	9	48	491	20		2
34	6	Caskets, coffins, burial cases, and other morticians' goods	23	8	644	40	40	483	81		
35	13	Cement	9		1,941	7	123	1,682	121	8	
36	1	Cereal preparations	4		3,350	7	413	2,699	132		99
37	1	Cheese	49	37	192		22	150	15	3	2
38	9	Chemicals not elsewhere classified	23	2	7,344	36	1,141	5,368	224	550	25
39	4	Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors	3	1	196	1	2	183	4	1	5
40	2	Cigars	25	18	1,652	14	59	1,562	16		1
41	13	Clay products (except pottery) not elsewhere classified	4	2	128	2	12	109	3	2	
42	9	Cleaning and polishing preparations, blackings, and dressings	29	8	457	24	65	234	120	14	
43	7	Coated and glazed paper	5		418	3	15	378	22		
44	4	Coats, suits, and skirts (except fur coats) made in inside factories or by jobbers engaging contractors	4	6	68	1	2	61	4		
45	14	Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills	3		401	7	26	364	4		
46	9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	16		259		31	176	52		
47	13	Concrete products	119	106	1,271	52	106	1,001	107	5	
48	1	Condensed and evaporated milk	37	4	954	8	106	747	41	51	1
49	17	Construction and similar machinery (except mining and oil-field machinery and tools)	13	3	1,884	22	378	1,386	90	3	5
50	7	Converted paper products not elsewhere classified	16	11	2,510	20	267	1,947	255	21	
51	6	Cooperage	9	1	104	1	8	95			
52	3	Cordage and twine	4	1	223	7	25	177	14		
53	4	Corsets and allied garments	9		1,562	20	98	1,340	98		6
54	1	Creamery butter	179	132	1,517	32	274	867	308	19	17
55	4	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	3	3	30	2	2	21	5		
56	14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	4	1	139	5	20	113	1		
57	20	Dental equipment and supplies	5		172	12	14	110	36		
58	14	Doors, window sash, frames, molding, and trim (made of metal)	7	3	1,827	23	209	1,232	355	8	
59	9	Drugs and medicines (including drug grinding)	32	17	4,095	45	671	2,446	891	35	7
60	16	Electrical appliances	10	1	725	17	79	534	88	6	1
61	16	Electrical products not elsewhere classified	10	2	570	11	49	439	71		
62	15	Electroplating, plating, and polishing	42	41	941	34	61	811	25	7	3
63	8	Electrotyping and stereotyping, not done in printing establishments	9	2	331	14	49	231	37		
64	17	Elevators, escalators, and conveyors	11		1,162	29	127	957	49		
65	14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	14	2	1,827	17	173	1,532	103	2	
66	14	Enameling, japanning, and lacquering	6	5	364	5	23	305	26	5	

See footnotes at end of table.

THE STATE, BY INDUSTRIES: 1939

ments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figure larger values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
		Manufacturing												
Total [2]	Salaries of officers of corporations [2]	Salaries [2]	Wages	Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
1,027,488,238	35,612,027	137,969,382	789,975,675	56,760,910	3,933,542	3,236,702	2,549,818,942	2,408,803,162	54,152,489	29,185,851	57,677,440	4,348,223,244	1,798,404,302	1
1,022,019	99,023	113,660	532,266	275,570	1,500	----	1,537,172	1,459,664	34,086	43,422	----	3,572,268	2,035,096	2
1,276,581	77,012	230,192	800,747	162,632	817	5,181	2,592,329	2,523,948	26,053	41,640	688	4,605,142	2,012,813	3
2,317,683	93,962	574,536	1,507,692	141,493	----	----	2,622,968	2,473,232	51,088	68,748	29,900	5,612,250	2,989,282	4
6,862,736	341,501	930,126	4,976,485	469,085	124,119	21,420	20,845,033	19,730,685	427,609	673,067	13,672	36,434,160	15,589,127	5
3,746,174	72,633	601,464	3,039,343	22,461	10,273	----	7,791,569	7,427,201	193,713	163,980	6,675	13,748,213	5,956,644	6
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	7
6,076,881	310,602	835,896	4,803,348	115,848	7,567	3,620	7,207,460	6,707,512	89,424	209,402	201,122	16,623,724	9,416,264	8
739,351	94,501	72,960	529,739	41,915	----	236	1,420,037	1,382,727	16,431	16,910	3,969	2,471,470	1,051,433	9
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	10
304,439	13,408	21,976	251,610	13,991	3,454	----	574,678	562,618	4,462	7,598	----	1,094,952	520,274	11
60,062	----	7,998	43,124	8,640	----	300	252,156	244,475	2,397	5,284	----	374,968	122,812	12
1,423,051	127,875	153,877	1,095,606	45,693	----	----	3,222,826	3,093,424	19,443	109,959	----	6,998,482	3,775,656	13
2,070,241	69,500	189,224	1,605,369	1,090	57,585	147,473	9,908,522	8,931,282	924,288	52,952	----	14,976,294	5,067,772	14
1,645,814	141,255	136,334	1,164,245	192,324	744	10,912	3,876,814	3,762,254	87,053	27,507	----	8,728,640	4,851,826	15
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	16
2,047,355	112,334	304,056	1,077,371	402,402	18,302	132,890	2,333,784	2,208,160	38,215	44,633	42,776	6,750,153	4,416,369	17
1,299,118	88,927	189,531	964,662	55,998	----	----	2,154,687	2,118,032	17,008	18,457	1,190	4,113,913	1,959,226	18
1,054,007	291,823	229,292	1,332,226	100,666	----	----	3,449,021	3,137,944	41,877	112,588	156,612	6,537,612	3,088,591	19
1,774,189	181,360	344,588	1,174,898	73,343	----	----	2,057,535	1,973,972	26,124	31,797	25,642	5,385,505	3,327,970	20
2,917,377	340,318	428,014	1,833,763	312,582	2,700	----	2,990,337	2,447,777	29,610	65,734	447,216	7,045,776	4,055,439	21
70,833	6,246	16,894	42,560	5,133	----	----	67,389	64,839	1,043	1,255	252	169,535	102,146	22
239,797	500	122,241	----	117,056	----	----	232,257	43,764	----	28	188,465	661,914	429,657	23
15,370,400	403,105	1,199,397	12,668,525	890,166	61,171	148,036	26,626,789	25,407,615	754,338	464,143	693	55,156,386	28,529,597	24
806,219	64,660	63,244	655,470	13,213	9,632	----	426,065	92,678	294,497	38,890	----	1,946,675	1,520,610	25
44,642	1,560	2,006	39,223	1,853	----	----	76,959	74,574	1,336	1,049	----	149,175	72,216	26
119,690	11,297	9,209	87,238	11,946	----	----	322,345	315,837	1,835	2,428	2,245	578,297	255,952	27
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	28
1,019,105	97,170	120,583	703,321	93,955	4,076	----	2,509,999	2,450,008	31,723	28,268	----	4,178,164	1,668,165	29
2,267,235	162,751	235,200	1,595,152	225,666	23,041	25,425	8,952,418	8,773,286	113,866	61,716	3,550	15,289,565	6,337,147	30
376,441	39,317	41,767	188,795	105,693	----	869	512,419	505,282	3,157	3,980	----	1,020,146	507,727	31
(5)	----	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	32
680,606	60,100	77,714	508,522	31,210	----	3,060	1,362,305	1,315,985	24,457	21,503	360	2,647,887	1,285,582	33
783,632	140,142	71,261	428,728	143,501	----	----	1,173,763	1,139,402	20,852	13,509	----	2,511,972	1,338,209	34
3,171,217	69,695	328,369	2,442,753	323,391	7,009	----	4,174,890	2,197,385	1,857,641	119,864	----	11,299,757	7,124,867	35
(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	36
168,928	----	20,680	133,746	13,158	891	453	1,977,043	1,931,985	30,728	14,316	14	2,470,772	493,729	37
14,065,950	295,579	2,905,357	9,659,966	359,776	780,718	64,554	19,903,699	13,428,257	5,544,454	917,783	13,205	59,518,193	39,614,494	38
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	39
1,163,415	57,335	96,687	966,281	41,033	----	2,079	2,130,789	2,110,022	8,982	11,785	----	4,158,990	2,028,201	40
154,635	11,863	20,003	115,973	4,919	1,877	----	78,436	25,028	51,433	1,975	----	312,384	233,948	41
791,475	133,173	117,898	311,670	208,759	19,975	----	2,792,259	2,746,730	30,650	14,879	----	4,277,554	1,485,295	42
590,434	14,906	27,920	501,010	46,598	----	----	2,136,762	2,062,365	50,592	15,607	8,198	3,062,849	926,087	43
56,097	4,500	1,206	46,667	3,724	----	----	212,918	196,989	1,100	1,091	13,738	320,823	107,905	44
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	45
494,345	----	72,263	300,894	121,188	----	----	694,163	500,610	10,189	183,354	----	2,868,221	2,174,068	46
1,791,712	175,265	168,079	1,281,922	155,525	10,421	500	3,552,211	3,412,422	67,127	71,100	1,562	7,274,105	3,721,894	47
1,112,628	35,463	181,069	797,636	66,131	32,222	107	10,838,000	10,379,879	358,119	100,002	----	14,437,434	3,599,434	48
3,072,494	215,536	681,656	2,027,130	138,105	5,041	5,026	4,746,779	4,599,700	49,636	90,847	6,596	9,844,228	5,097,449	49
3,430,688	189,480	467,426	2,326,632	416,875	30,275	----	6,262,227	6,118,049	72,317	71,177	684	12,746,294	6,484,067	50
119,211	3,600	14,207	101,404	----	----	----	427,917	421,547	1,583	4,636	151	653,627	225,710	51
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	52
1,547,152	91,215	181,269	1,092,547	177,801	----	4,320	2,134,940	2,107,696	11,164	14,024	2,056	5,843,265	3,708,325	53
1,653,820	98,871	329,272	863,712	317,542	34,592	9,831	21,807,848	21,415,773	208,789	157,343	25,943	25,489,401	3,681,553	54
29,752	4,465	3,098	15,640	6,549	----	----	106,909	101,835	400	824	3,850	145,605	38,696	55
188,057	24,720	30,565	130,958	1,814	----	----	99,649	89,027	6,768	3,854	----	455,164	355,515	56
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	57
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	58
7,180,625	445,253	1,782,696	3,143,462	1,742,228	56,666	10,320	10,513,580	10,270,110	184,481	58,767	222	49,953,160	39,439,580	59
1,126,564	120,952	149,291	659,895	184,354	11,072	1,000	1,525,526	1,439,097	30,208	47,684	8,537	3,549,238	2,023,712	60
649,114	37,604	143,583	391,260	76,667	----	----	1,240,432	1,196,675	10,053	18,361	15,343	2,392,123	1,151,691	61
1,290,286	117,058	152,235	970,879	36,622	9,943	3,549	719,677	557,175	37,068	106,884	18,550	2,753,925	2,034,248	62
886,073	102,084	118,049	528,245	137,695	----	----	349,371	242,455	11,586	27,299	68,031	1,611,664	1,262,293	63
2,181,281	180,446	317,166	1,552,255	131,414	----	----	2,949,629	2,873,799	12,127	36,593	27,110	5,937,365	2,987,736	64
2,881,788	151,906	376,882	1,974,102	374,677	3,077	1,144	4,027,385	3,830,360	97,519	94,538	4,968	8,165,147	4,137,762	65
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	66

TABLE 8.—GENERAL STATISTICS FOR

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
1	15	Engraving on metal (except for printing purposes)	3	3	51		2	49			
2	8	Engraving (steel, copperplate, and wood), plate printing	9	5	105	8	19	71	7		
3	7	Envelopes	5		320	9	23	226	62		
4	9	Explosives	3	5	138		22	102	1	13	
5	20	Fabricated plastic products, not elsewhere classified	8	2	723	4	40	672	7		
6	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	43	29	2,007	46	300	1,509	133	18	1
7	20	Feathers, plumes, and artificial flowers	3	1	80		6	70	4		
8	9	Fertilizers	7		366	2	30	321	13		
9	7	Fiber cans, tubes, and similar products	6	5	156	1	15	133	6		1
10	20	Fire extinguishers, chemical	4	2	123	5	30	63	25		
11	1	Flavoring extracts and flavoring sirups, not elsewhere classified	17	8	148	15	21	61	49		2
12	1	Flour and other grain-mill products	74	69	936	46	139	604	140	5	2
13	1	Food preparations, not elsewhere classified	45	31	1,037	42	150	644	178	7	16
14	17	Food-products machinery	15	9	1,038	18	167	647	197	3	6
15	12	Footwear (except rubber)	8		1,145	10	83	1,001	50	1	
16	14	Forgings, iron and steel—made in plants not operated in connection with rolling mills	22	1	1,693	37	96	1,537	23		
17	4	Fur coats and other fur garments, accessories, and trimmings	13	7	214	10	27	163	14		
18	20	Games and toys (except dolls and children's vehicles)	18	8	1,078	24	89	927	38		
19	8	General commercial (job) printing	333	295	3,837	161	507	2,874	292	3	
20	16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	31	15	3,488	39	455	2,727	254	10	3
21	14	Gray-iron and semisteel castings	78	30	8,404	114	660	7,555	59	16	
22	9	Grease and tallow (except lubricating greases)	7	4	329	10	22	244	27	5	21
23	13	Gypsum products	9		613	2	71	510	15	15	
24	20	Hand stamps, stencils, and brands	11	17	100	3	9	68	20		
25	14	Hardware not elsewhere classified	37	16	5,037	62	433	4,395	140	7	
26	9	Hardwood distillation and charcoal manufacture	5		580	2	55	496	5	22	
27	14	Heating and cooking apparatus, except electric, not elsewhere classified	6	4	286	6	32	231	17		
28	3	Hosiery—full-fashioned	4		982	15	36	796	135		
29	4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	12	7	1,605	10	57	1,517	19	1	1
30	4	Housefurnishings (except curtains, draperies, and bedspreads)	8	4	447	9	27	383	25	3	
31	6	Household furniture, except upholstered	83	34	7,344	108	668	6,263	264	34	7
32	1	Ice cream and ices	159	115	1,323	65	145	587	485	5	36
33	1	Ice, manufactured	62	20	728	29	88	268	325	3	15
34	12	Industrial leather belting and packing leather	8	1	602	16	47	517	22		
35	17	Industrial machinery, not elsewhere classified	24	5	1,804	46	321	1,255	162	11	9
36	9	Insecticides, fungicides, and related industrial and household chemical compounds	33	18	628	35	82	383	106	20	2
37	17	Internal-combustion engines	7		1,917	15	367	1,431	90		14
38	15	Jewelry (precious metals)	11	7	153	9	16	97	29		2
39	3	Knitted cloth	3		121	5	11	99	6		
40	3	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	4	2	161	7	18	111	25		
41	3	Knitted underwear	5		1,905	15	115	1,730	37	8	
42	6	Laboratory, hospital, and other professional furniture	3		612	10	55	504	41		2
43	17	Laundry equipment, domestic	3		641	9	75	493	56	8	
44	12	Leather goods not elsewhere classified	3	2	38	2	3	32	1		
45	12	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	11		2,654	17	193	2,349	52	43	
46	15	Lighting fixtures	6	1	850	9	48	778	15		
47	13	Lime	4	1	72	6	10	50	6		
48	8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	24	8	792	35	112	570	75		
49	5	Logging camps and logging contractors (not operating sawmills)	43	59	927		27	898	2		
50	9	Lubricating oils and greases—not made in petroleum refineries	9	3	212	11	39	121	38	3	
51	1	Macaroni, spaghetti, vermicelli, and noodles	5	4	148	5	11	111	8		13
52	8	Machine and hand typesetting (including advertisement typesetting)	23	18	553	21	61	422	49		
53	17	Machine-shop products, not elsewhere classified	153	63	10,947	187	1,277	8,985	411	17	70
54	17	Machine-shop repairs	43	37	481	24	44	386	20		7
55	17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	210	104	8,306	285	803	6,527	550	25	116
56	17	Machine tools	20		3,347	53	403	2,650	168	24	49
57	14	Malleable-iron castings	6		3,361	22	293	2,958	55	33	
58	1	Malt liquors	40	5	3,410	75	231	1,848	1,173	46	37
59	6	Mattresses and bedsprings	27	19	539	23	47	407	62		
60	17	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	4	2	40	3	11	21	4		1
61	1	Meat packing, wholesale	65	66	3,008	47	191	2,215	506	18	31
62	17	Mechanical power-transmission equipment	14	8	1,584	21	119	1,362	47	35	
63	4	Men's and boys' hats and caps (except felt and straw)	8	11	49	4	3	39	3		
64	4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	3	1	26		1	25			
65	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	6	4	172	5	12	132	20		3

See footnotes at end of table.

THE STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
		Manufacturing												
Total [2]	Salaries of officers of corporations [2]	Salaries [2]	Wages	Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	
(5)	----------	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	1
145,350	24,807	33,125	71,131	16,287	----------	----------	103,805	95,559	2,252	2,492	3,502	315,261	211,456	2
541,678	71,070	55,798	286,337	128,473	----------	----------	690,365	666,676	6,418	11,730	5,541	1,570,768	880,403	3
(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(3)	4
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	5
3,577,574	220,879	737,034	2,244,577	355,999	18,085	1,000	8,030,487	7,839,613	38,903	113,539	38,432	14,108,150	6,077,663	6
(5)	----------	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	7
564,458	11,163	58,362	461,912	33,021	----------	----------	1,778,518	1,685,095	58,655	34,768	----------	2,612,074	833,556	8
175,931	5,600	26,790	132,022	11,206	----------	313	338,971	335,857	461	2,653	----------	733,453	394,482	9
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	10
331,844	84,723	47,971	55,754	142,072	----------	1,324	762,139	750,965	6,276	3,898	1,000	1,476,511	714,372	11
1,347,618	221,592	223,592	664,474	230,417	7,315	228	9,848,262	9,673,408	66,935	107,919	----------	12,686,185	2,837,923	12
1,372,598	191,166	217,355	610,701	292,973	34,297	26,106	4,763,353	4,587,286	125,425	50,642	----------	8,442,728	3,679,375	13
1,976,231	102,148	412,054	973,106	481,141	3,379	4,403	1,518,726	1,308,437	22,955	44,587	142,747	4,597,973	3,079,247	14
1,123,411	60,619	142,838	862,547	54,350	2,000	1,057	2,888,286	2,855,616	14,224	18,446	----------	4,686,142	1,797,856	15
2,792,668	262,625	218,573	2,263,693	47,777	----------	----------	5,299,645	4,504,987	370,926	151,709	272,023	9,850,950	4,551,305	16
302,439	42,578	50,060	191,917	17,884	----------	----------	512,747	498,301	1,265	5,690	7,491	1,050,871	538,124	17
1,438,978	162,517	179,133	1,038,585	58,743	----------	----------	1,806,042	1,759,738	18,147	27,955	202	4,345,737	2,539,695	18
5,729,867	646,345	859,851	3,704,044	510,409	9,218	----------	5,641,471	4,866,689	69,842	153,470	551,470	15,259,815	9,618,344	19
5,555,856	343,051	896,784	3,674,596	621,643	17,127	2,655	7,279,146	7,105,040	57,512	99,786	16,808	16,598,561	9,319,415	20
11,269,173	674,903	1,397,392	9,002,724	158,685	35,469	----------	10,019,943	8,109,206	1,048,225	663,599	198,913	27,085,805	17,065,862	21
541,189	68,775	47,280	335,902	45,543	8,673	35,016	1,217,241	1,121,530	61,437	34,274	----------	2,361,024	1,143,783	22
923,475	21,500	151,488	685,141	39,974	25,372	----------	1,649,314	1,289,654	175,692	183,968	----------	4,922,319	3,273,005	23
151,059	11,948	12,528	96,490	30,093	----------	----------	67,801	59,384	1,975	3,168	3,274	328,842	261,041	24
7,211,186	650,499	920,733	5,272,925	357,865	9,164	----------	8,789,687	8,382,720	124,700	235,894	46,373	20,810,282	12,020,595	25
671,775	5,118	91,173	543,961	14,318	17,205	----------	1,313,028	1,117,886	171,728	23,414	----------	2,223,107	910,079	26
401,690	37,740	59,885	274,323	29,742	----------	----------	657,291	641,263	8,452	6,836	740	1,673,453	1,016,162	27
1,222,835	76,592	96,281	798,636	251,326	----------	----------	1,284,940	1,139,505	19,847	29,713	95,875	2,400,914	1,115,974	28
1,148,580	57,899	68,650	905,243	114,956	1,200	632	2,444,437	2,418,066	6,972	19,399	----------	4,169,274	1,724,837	29
385,433	34,143	42,355	275,799	29,481	3,655	----------	1,029,824	1,017,208	4,734	6,484	1,398	1,618,841	589,017	30
8,274,204	558,562	1,068,884	5,944,001	649,929	44,927	7,901	8,078,079	7,611,767	304,459	142,530	19,323	19,692,516	11,614,437	31
1,995,179	210,514	242,053	697,591	755,655	5,699	83,667	6,066,713	5,729,201	87,462	247,830	2,220	11,285,931	5,219,218	32
1,019,251	106,898	122,769	354,778	416,905	421	17,480	519,417	89,262	19,563	409,522	1,070	3,014,779	2,495,362	33
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	34
3,294,221	403,304	656,452	1,866,526	342,289	18,392	7,258	2,547,800	2,356,108	29,382	62,175	100,135	8,458,598	5,910,798	35
953,280	139,254	165,418	447,027	163,689	35,732	2,160	3,277,683	3,207,165	37,770	29,954	2,794	7,895,522	4,617,839	36
3,254,054	95,791	777,002	2,121,761	195,824	----------	63,676	6,427,637	6,236,939	159,423	9,714	21,561	11,383,697	4,956,060	37
295,515	40,298	31,478	153,033	68,155	----------	2,551	488,554	481,396	1,056	2,619	3,483	1,006,241	517,687	38
123,482	14,964	15,037	85,921	7,560	----------	----------	362,283	355,877	2,451	3,955	----------	563,292	201,009	39
172,096	35,542	19,188	63,807	53,559	----------	----------	167,702	162,043	3,232	2,427	----------	302,643	134,941	40
1,929,469	125,685	202,079	1,449,642	131,724	20,339	----------	2,147,634	2,060,393	66,330	20,911	----------	4,706,293	2,558,659	41
898,060	87,974	67,017	599,984	140,097	----------	2,988	1,162,402	1,082,920	14,634	18,212	46,636	2,525,431	1,363,029	42
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	43
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	----------	(5)	----------	(5)	(5)	44
3,316,640	148,292	368,194	2,667,203	76,972	55,979	----------	12,299,917	11,880,601	303,944	37,928	77,444	17,964,530	5,664,613	45
1,505,841	60,160	103,735	1,303,645	38,301	----------	----------	3,559,762	3,471,599	24,294	52,570	11,299	5,773,191	2,213,429	46
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	47
1,352,591	191,428	233,067	755,109	172,987	----------	----------	1,725,039	1,436,190	17,782	21,247	249,820	3,611,155	1,886,116	48
638,428	----------	32,569	600,339	5,520	----------	----------	378,023	351,907	22,906	610	2,600	1,329,998	951,975	49
480,680	84,908	86,079	188,149	116,864	4,680	----------	1,042,536	1,017,599	12,515	12,422	----------	2,121,042	1,078,506	50
190,848	21,000	32,027	125,962	10,987	----------	872	487,762	465,403	9,297	11,862	1,200	888,880	401,118	51
1,143,919	115,557	150,065	783,765	94,532	----------	----------	176,667	131,961	8,407	14,699	21,600	1,704,083	1,527,416	52
18,452,732	1,436,130	2,636,786	12,959,775	1,281,131	35,823	103,087	20,117,344	18,951,255	414,534	641,825	109,730	50,803,932	30,686,588	53
706,721	59,007	78,327	525,334	38,269	----------	5,784	362,820	304,984	18,790	33,873	5,173	1,536,205	1,173,385	54
18,940,827	1,991,029	2,026,786	13,413,198	1,267,917	51,214	190,683	11,051,980	9,870,649	175,740	469,590	536,001	41,625,580	30,573,600	55
7,157,160	543,824	1,044,043	4,997,134	413,204	31,425	127,530	6,480,493	6,112,083	61,848	121,233	185,329	16,902,428	10,421,935	56
4,452,729	155,141	513,371	3,673,728	66,177	44,312	----------	3,542,167	2,831,634	455,272	255,261	----------	8,667,339	5,125,172	57
7,118,307	544,225	592,460	3,310,940	2,513,669	110,656	46,357	7,303,042	6,754,768	337,438	210,836	----------	25,164,966	17,861,924	58
708,856	82,572	72,411	433,924	119,949	----------	----------	1,424,132	1,393,525	9,497	20,960	150	2,606,494	1,182,362	59
78,189	22,866	17,835	24,148	12,221	----------	1,119	125,084	117,033	1,226	1,106	5,719	273,561	148,477	60
4,711,655	285,873	338,587	3,190,296	804,571	29,124	63,204	49,972,604	49,580,011	230,995	161,598	----------	57,069,086	7,096,482	61
3,088,429	216,775	257,541	2,453,730	104,383	56,000	----------	3,430,617	3,182,792	29,723	204,596	13,506	9,128,472	5,697,855	62
54,761	9,400	2,469	36,516	6,376	----------	----------	70,357	69,113	275	969	----------	157,459	87,102	63
24,929	----------	1,870	23,059	----------	----------	----------	22,802	22,178	----------	624	----------	59,156	36,354	64
144,116	16,800	12,641	92,194	19,413	----------	3,068	476,736	353,513	2,291	2,286	118,646	870,898	394,162	65

TABLE 8.—GENERAL STATISTICS FOR

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [4]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
1	4	Men's neckwear made in inside factories or by jobbers engaging contractors	9	6	107	7	6	88	6		
2	17	Metalworking machinery and equipment, not elsewhere classified	15	7	1,107	20	170	880	37		
3	4	Millinery	3	5	57			56	1		
4	13	Mineral wool	4		122	3	16	92	8	3	
5	6	Mirror frames and picture frames	4	5	49	4	8	35	2		
6	13	Mirrors and other glass products made of purchased glass	17	5	393	18	35	292	39	5	4
7	20	Miscellaneous fabricated products not elsewhere classified	19	20	503	11	30	419	43		
8	4	Miscellaneous fabricated textile products not elsewhere classified	8	7	747	11	105	596	29	6	
9	20	Models and patterns (except paper patterns)	62	58	1,035	33	82	899	18	3	
10	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	21	6	292	26	30	188	48		
11	18	Motor vehicles, motor-vehicle bodies, parts and accessories	189	37	286,477	249	25,609	253,917	5,955	82	665
12	9	Mucilage, paste, and other adhesives, except glue and rubber cement	5	3	17	1	3	10	3		
13	20	Musical instruments, parts, and materials not elsewhere classified	7	5	312	6	13	254	39		
14	8	Newspapers: publishing and printing	261	228	7,878	121	2,511	3,516	1,623	100	7
15	8	Newspapers: publishing without printing	30	18	162	19	85	35	23		
16	1	Nonalcoholic beverages	115	109	1,583	67	134	617	752	3	10
17	15	Nonferrous-metal foundries (except aluminum)	25	10	725	24	91	582	19	8	1
18	15	Nonferrous-metal products not elsewhere classified	37	11	5,068	67	557	4,285	139	1	19
19	17	Office and store machines not elsewhere classified	5	1	5,316	17	798	4,229	236		36
20	6	Office furniture	16	5	1,836	21	182	1,517	112	2	2
21	10	Oven coke and coke-oven byproducts	9		1,364		87	1,228		49	
22	9	Paints, varnishes, and lacquers	62	19	2,946	78	573	1,830	447	13	5
23	7	Paper and paperboard mills	49		13,571	87	868	11,912	321	364	19
24	7	Paperboard containers and boxes not elsewhere classified	29	16	3,283	26	211	2,943	92	11	
25	6	Partitions, shelving, cabinet work, and office and store fixtures	32	24	1,274	24	160	980	83	16	11
26	9	Perfumes, cosmetics, and other toilet preparations	6	1	112	6	30	68	5	3	
27	8	Periodicals: publishing and printing	23	18	523	15	103	343	62		
28	8	Periodicals: publishing without printing	59	17	377	50	224	11	92		
29	10	Petroleum refining	20	2	1,013	36	107	679	139	50	2
30	8	Photoengraving, not done in printing establishments (including preparation of plates)	32	18	673	43	76	497	57		
31	20	Photographic apparatus and materials and projection equipment (except lenses)	6	4	334	12	41	234	47		
32	20	Pianos	3		525	3	29	481	12		
33	1	Pickled fruits and vegetables and vegetable sauces and seasonings	26	18	727	14	53	610	49	1	
34	5	Planing mills not operated in conjunction with sawmills	78	36	1,991	59	164	1,592	166	3	7
35	5	Plywood mills	4		235	3	16	212	4		
36	13	Pottery products not elsewhere classified	3	3	57	2	6	41	8		
37	1	Poultry dressing and packing, wholesale	7	9	71		3	67	1		
38	14	Power boilers and associated products	16	8	544	23	96	399	26		
39	1	Prepared feeds (including mineral) for animals and fowls	31	28	247	13	36	162	35	1	
40	1	Preserves, jams, jellies, and fruit butters	4	5	65	1	6	47	10		1
41	9	Printing ink	6		150	5	26	81	37		1
42	17	Printing-trades machinery and equipment	15	2	588	24	46	405	110	1	2
43	20	Professional and scientific instruments (except surgical and dental)	5	3	53	2	14	31	6		
44	6	Public-building furniture	9	1	1,694	22	231	1,363	76	2	
45	7	Pulp mills	10		993	6	44	904		29	10
46	17	Pumping equipment and air compressors	24	6	1,613	36	238	1,142	160	11	26
47	16	Radios, radio tubes, and phonographs	6		1,125	12	107	879	124	3	
48	17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	22	5	8,048	50	665	6,821	422	43	47
49	10	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	3	2	82		6	76			
50	11	Rubber products not elsewhere classified	16	5	1,784	17	165	1,534	62	5	1
51	12	Saddlery, harness, and whips	3	2	15		3	10	2		
52	9	Salt	6		1,170	4	109	1,053	2	2	
53	13	Sand-lime brick, block and tile	4		75	3	7	51	10	4	
54	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	52	49	1,261	41	98	781	331	2	8
55	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	117	105	4,879	30	203	4,460	139	9	38
56	14	Saws	4	1	71	7	2	45	17		
57	14	Screw-machine products and wood screws	53	27	2,497	76	189	2,156	47	26	3
58	15	Secondary smelting and refining of nonferrous metals, not elsewhere classified	6	7	146	3	34	102	6		1
59	15	Sheet-metal work not specifically classified	46	38	974	45	116	757	53	3	
60	19	Shipbuilding and ship repairing	8	5	448	7	79	355	7		
61	20	Signs, advertising displays, and advertising novelties	49	38	834	30	111	610	82	1	
62	9	Soap and glycerin	6	3	70	4	6	20	40		
63	20	Soda fountains, beer dispensing equipment, and related products	4		413	3	55	344	11		
64	9	Soybean oil, cake, and meal	3		45		2	43			
65	17	Special-industry machinery, not elsewhere classified	6	2	226	8	47	161	10		
66	20	Sporting and athletic goods not elsewhere classified	15	4	1,771	28	206	1,435	100	2	
67	14	Stamped and pressed metal products (except automobile stampings)	42	24	1,431	48	177	1,165	34	7	
68	13	Statuary and art goods (except stone and concrete)—factory production	3	2	18			16	2		
69	14	Steam and hot-water heating apparatus (including hot-water furnaces)	3	1	376		19	357			
70	13	Steam and other packing; pipe and boiler covering	9	1	1,189	18	77	1,044	39	4	7

See footnotes at end of table.

THE STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
103,798	20,275	9,940	60,714	12,869	.....	.....	210,693	208,523	.....	1,919	251	378,762	168,069	1
2,005,093	85,972	356,001	1,461,281	101,839	.....	.....	1,382,360	1,275,565	58,201	35,169	13,425	5,455,910	4,073,550	2
(5)	.....	.....	(5)	(5)	.....	.....	(5)	(5)	.....	(5)	.....	(5)	(5)	3
161,196	15,913	28,839	81,642	29,545	5,257	.....	230,886	177,453	39,967	13,466	.....	490,638	259,752	4
55,767	10,477	10,764	33,226	1,300	.....	.....	49,559	47,879	532	1,022	126	162,586	113,027	5
534,343	63,945	54,815	346,279	64,010	3,552	1,742	1,288,174	1,259,495	16,996	11,083	600	2,579,419	1,291,245	6
487,344	56,486	46,380	334,233	50,245	.....	.....	689,084	671,539	5,295	11,546	704	1,439,240	750,156	7
(5)	(5)	(5)	(5)	(5)	(5)	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	8
2,276,819	208,466	209,696	1,819,997	36,417	2,243	.....	711,738	635,942	22,814	37,847	15,135	4,117,359	3,405,621	9
493,578	85,779	51,497	275,134	81,168	.....	.....	508,114	467,549	5,655	26,293	8,617	1,325,919	817,805	10
511,572,369	3,247,998	65,351,114	429,208,645	12,406,410	171,841	1,186,361	1,513,145,819	1,441,294,792	12,380,528	9,914,734	49,555,765	2,284,666,538	771,520,719	11
21,873	2,392	4,940	11,109	3,432	.....	.....	72,000	70,727	817	456	.....	111,385	39,385	12
349,589	21,240	12,139	265,089	51,121	.....	.....	279,038	258,392	5,281	8,907	6,458	699,880	420,842	13
14,670,812	700,430	4,885,100	6,162,519	2,760,805	154,277	7,681	8,606,121	7,984,170	108,018	353,587	160,346	38,781,397	30,175,276	14
224,766	39,692	89,634	53,345	42,095	.....	.....	264,099	14,939	1,015	1,632	246,513	712,727	448,628	15
2,486,744	353,281	209,294	716,034	1,190,160	3,156	14,819	5,231,833	5,102,335	52,940	76,558	.....	11,667,327	6,435,494	16
1,127,695	78,441	143,830	861,008	41,216	2,160	1,040	1,143,909	1,031,808	49,130	41,154	21,817	2,643,480	1,499,571	17
8,613,108	605,545	1,273,420	6,448,378	270,343	1,688	13,734	11,086,974	10,501,195	240,542	306,814	38,423	25,314,091	14,22[illegible],117	18
(5)	(5)	(5)	(5)	(5)	.....	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	19
2,563,317	155,598	351,009	1,813,063	240,083	1,648	1,916	2,546,958	2,428,316	63,331	38,088	17,223	6,931,745	4,384,787	20
2,542,124	.....	294,315	2,194,231	.....	53,578	.....	16,391,653	15,370,755	801,614	219,284	.....	21,264,578	4,872,925	21
5,565,172	488,760	1,340,051	2,747,904	954,174	29,092	5,191	20,275,917	19,939,019	107,027	229,779	92	38,276,257	18,000,340	22
20,049,874	773,884	1,969,977	15,837,168	888,766	551,848	28,231	51,076,125	45,036,764	5,523,771	511,100	4,490	89,112,533	38,036,408	23
4,366,457	185,811	407,169	3,502,989	251,170	19,318	.....	13,490,227	13,338,579	60,579	76,436	14,633	20,850,957	7,360,730	24
2,001,488	191,080	285,861	1,353,586	133,919	22,021	15,021	1,579,379	1,474,959	50,158	37,584	16,678	4,949,407	3,370,028	25
(5)	(5)	(5)	(5)	(5)	(5)	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	26
966,709	81,366	189,727	552,479	143,137	.....	.....	816,397	656,262	5,423	14,010	140,702	2,426,940	1,610,543	27
804,199	225,186	318,891	16,466	243,656	.....	.....	1,482,661	404,641	513	2,101	1,075,406	3,168,920	1,686,259	28
1,835,366	201,524	238,320	1,114,025	216,368	64,133	996	28,663,650	27,545,085	784,110	206,870	127,585	37,226,330	8,562,680	29
1,785,163	272,418	186,554	1,174,625	151,566	.....	.....	372,061	290,799	10,363	27,400	43,499	3,330,563	2,958,502	30
(5)	(5)	(5)	(5)	(5)	.....	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	31
(5)	(5)	(5)	(5)	(5)	.....	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	32
700,046	48,414	77,974	485,121	88,051	486	.....	2,076,669	2,028,295	35,941	12,433	.....	4,819,410	2,742,741	33
2,695,697	280,256	276,335	1,916,506	213,982	4,249	4,369	5,512,467	5,301,179	62,925	99,475	48,888	9,588,266	4,075,799	34
198,965	7,800	21,101	160,444	9,620	.....	.....	382,737	357,853	15,562	9,322	.....	658,701	275,964	35
(5)	(5)	(5)	(5)	(5)	.....	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	36
56,290	.....	3,936	50,612	1,742	.....	.....	498,849	492,702	3,560	2,587	.....	614,179	115,330	37
840,141	89,654	155,329	536,531	58,627	.....	.....	1,502,167	1,083,437	106,888	23,087	288,755	2,848,529	1,346,362	38
325,897	52,564	63,383	155,303	53,147	1,500	.....	1,564,505	1,517,161	18,138	29,206	.....	2,537,778	973,273	39
57,753	2,340	6,719	36,326	11,618	.....	750	354,203	348,375	3,000	2,828	.....	481,035	126,832	40
409,722	101,855	75,553	119,567	111,359	.....	1,388	878,611	851,763	6,079	20,769	.....	1,780,554	901,943	41
993,358	165,432	96,495	516,987	209,615	1,617	3,212	797,184	742,829	23,271	20,866	10,218	2,308,050	1,510,866	42
70,090	6,500	15,013	35,332	13,245	.....	.....	89,860	75,522	600	1,163	12,575	276,328	186,468	43
2,589,792	153,322	454,875	1,760,451	217,444	3,700	.....	3,761,775	3,550,161	72,329	20,064	119,221	7,920,674	4,158,899	44
1,197,674	25,932	96,322	1,028,233	.....	29,263	17,924	4,792,732	4,291,372	331,649	123,309	46,402	7,085,796	2,293,064	45
2,409,456	182,892	381,046	1,491,477	299,245	17,253	37,543	2,701,079	2,552,857	82,396	60,642	5,184	6,308,490	3,607,411	46
1,346,244	64,351	177,064	864,578	237,593	2,658	.....	3,749,608	3,696,018	14,897	24,956	13,737	6,539,938	2,790,330	47
11,526,604	323,281	1,455,566	8,603,143	974,696	85,758	84,160	30,243,925	29,520,230	349,973	343,531	30,191	51,805,725	21,561,800	48
(5)	.....	(5)	(5)	.....	.....	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	49
2,449,334	112,995	422,829	1,740,244	165,404	6,552	1,310	4,090,291	3,792,765	102,565	194,961	.....	8,809,345	4,719,054	50
19,623	.....	3,700	12,865	3,058	.....	.....	36,752	35,969	381	402	.....	66,890	30,138	51
(5)	(5)	(5)	(5)	(5)	(5)	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	52
88,091	9,213	9,679	51,853	16,846	500	.....	87,520	68,003	10,351	9,166	.....	250,361	162,841	53
2,032,283	276,532	187,161	1,050,457	507,025	2,820	8,288	10,931,567	10,762,152	74,891	94,524	.....	14,462,369	3,530,802	54
4,809,733	132,736	352,599	4,069,286	199,308	13,969	41,835	5,261,191	4,734,127	89,252	43,831	393,981	12,665,402	7,404,211	55
(5)	(5)	(5)	(5)	(5)	.....	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	56
4,099,848	385,400	398,014	3,180,577	108,291	25,712	1,854	5,428,271	4,921,459	89,868	205,208	211,736	11,759,116	6,330,845	57
(5)	(5)	(5)	(5)	(5)	.....	(5)	(5)	(5)	(5)	(5)	.....	(5)	(5)	58
1,404,162	201,702	182,397	889,248	127,818	2,997	.....	2,179,102	2,092,935	23,622	33,023	29,522	4,551,342	2,372,240	59
793,214	73,920	235,439	465,029	16,412	2,414	.....	655,283	608,567	28,280	18,436	.....	1,801,530	1,146,247	60
1,073,976	139,206	164,911	664,924	103,532	1,403	.....	1,237,406	1,156,661	21,317	20,670	38,758	2,793,269	1,555,863	61
81,337	6,460	6,618	25,680	42,579	.....	.....	161,764	160,093	1,025	646	.....	305,899	144,135	62
(5)	(5)	(5)	(5)	(5)	.....	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	63
(5)	.....	(5)	(5)	.....	.....	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	64
397,791	43,811	95,151	241,776	17,053	.....	.....	280,352	258,807	7,258	14,287	.....	1,041,879	761,527	65
2,423,629	170,753	365,912	1,658,982	226,365	1,617	.....	4,038,952	3,898,800	44,752	57,784	37,616	12,131,417	8,092,465	66
2,146,030	290,114	361,461	1,390,978	93,090	10,387	.....	2,700,545	2,568,280	35,845	80,249	16,171	6,118,748	3,418,203	67
33,578	.....	.....	30,184	3,394	.....	.....	36,710	35,858	531	321	.....	84,655	47,945	68
(5)	.....	(5)	(5)	.....	.....	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	69
1,997,846	123,461	217,788	1,549,214	92,088	7,662	7,633	3,569,738	3,502,499	21,960	45,279	.....	7,279,323	3,709,585	70

TABLE 8.—GENERAL STATISTICS FOR

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
1	14	Steam fittings, regardless of material	7	2	204	10	28	118	48		
2	14	Steel castings	11		1,651	31	147	1,426	43	3	1
3	14	Steel works and rolling mills	8		10,732	21	614	9,851	216	29	1
4	17	Stokers, mechanical, domestic and industrial	3		460	12	99	286	63		
5	14	Stoves, ranges, water heaters, and hot air furnaces (except electric)	35	6	5,434	67	522	4,509	311	10	15
6	12	Suitcases, brief cases, bags, trunks, and other luggage	7	4	337	8	31	269	29		
7	20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	7	2	112	6	4	62	40		
8	4	Textile bags—not made in textile mills	4	1	59	1	7	49	2		
9	14	Tin cans and other tinware not elsewhere classified	3		303	7	29	252	11		4
10	11	Tires and inner tubes	4		7,488	3	1,035	6,367	72	11	
11	2	Tobacco (chewing and smoking) and snuff	3	1	455	7	8	308	134		
12	14	Tools (except edge tools, machine tools, files, and saws)	15	4	1,239	19	155	996	69		
13	4	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	4		398	4	48	326	20		
14	4	Trousers (semidress), washsuits, and washable service apparel	3		46	3	2	39	1		1
15	6	Upholstered household furniture	45	43	1,775	39	141	1,479	115	1	
16	17	Vending, amusement, and other coin-operated machines	3	2	36	3	3	23	7		
17	6	Venetian blinds	7	3	1,256	10	147	960	139		
18	1	Vinegar and cider	10	9	80		8	72			
19	13	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	5	1	121	2	5	100	13		1
20	6	Window and door screens and weather strip	14	8	573	8	32	492	41		
21	6	Window shades	11	10	222		27	189	6		
22	1	Wines	10		204	19	26	94	65		
23	14	Wire drawn from purchased rods	4		2,172	6	238	1,802	126		
24	14	Wirework not elsewhere classified	51	12	9,077	81	743	7,961	254	34	4
25	4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	4	6	77	1	7	62	7		
26	6	Wooden boxes except cigar boxes	25	17	603	16	33	542	12		
27	6	Wood preserving	6	2	188	2	14	169	3		
28	6	Wood products not elsewhere classified	49	35	1,940	34	131	1,701	55	9	10
29	17	Woodworking machinery	13	5	488	24	73	332	59		
30	3	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	6	2	1,105	14	61	1,016	14		
31	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	14	10	1,340	12	55	1,236	36		1
32	4	Work gloves and mittens: cloth, cloth and leather combined	7	4	239	4	6	222	6		1
33	14	Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills	5		2,113	12	300	1,710	91		
34	16	X-ray and therapeutic apparatus and electronic tubes	3	1	23	2	5	13	3		
35		Other industries [5]	340	146	42,649	381	4,898	34,806	2,169	217	178
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]									
36	1	Food and kindred products	21	6	3,978	32	452	3,066	251	61	116
37	3	Textile-mill products and other fiber manufactures	19	12	1,236	16	115	1,051	42		12
38	4	Apparel and other finished products made from fabrics and similar materials	33	25	2,060	32	183	1,714	118	8	5
39	6	Furniture and finished lumber products	25	15	2,204	21	215	1,786	178	4	
40	9	Chemicals and allied products	29	9	2,038	24	399	1,524	40	48	3
41	10	Products of petroleum and coal	9	5	160	2	13	144		1	
42	12	Leather and leather products	16	6	917	18	60	816	23		
43	13	Stone, clay, and glass products	17	4	3,328	17	196	3,025	56	34	
44	14	Iron and steel and their products, except machinery	40	14	5,300	59	506	4,251	455	25	4
45	15	Nonferrous metals and their products	16	12	800	8	103	645	32	11	1
46	16	Electrical machinery	16	6	1,266	23	89	1,081	73		
47	17	Machinery (except electrical)	23	5	6,956	41	1,076	5,354	440	8	37
48	19	Transportation equipment except automobiles	5	2	531	4	54	469	4		
49	20	Miscellaneous industries	51	20	3,141	50	330	2,555	206		
50	2	Tobacco manufactures	3	1	455	5	8	308	134		
	7	Paper and allied products	8	1	594	22	47	486	39		
	8	Printing, publishing, and allied industries	5	3	197	4	17	164	6	6	
	11	Rubber products	4		7,488	3	1,035	6,367	72	11	

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.

[2] Figures do not include data for personnel of central-administrative offices.

[3] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

THE STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
375,653	66,519	56,054	154,112	98,968	----------	----------	316,529	276,906	5,549	5,720	28,354	1,132,165	815,636	1
2,566,658	189,163	346,379	1,907,814	119,682	2,840	780	1,768,034	1,241,271	122,831	401,090	2,842	5,406,412	3,638,378	2
19,096,390	235,366	1,815,522	16,190,449	719,196	134,603	1,254	56,797,608	50,058,077	4,488,855	2,138,305	112,371	99,939,525	43,141,917	3
791,134	72,896	151,297	387,538	179,403	----------	----------	1,020,446	988,723	21,919	9,804	----------	2,784,949	1,764,503	4
7,588,852	475,783	903,324	5,532,141	655,225	19,646	2,733	10,396,190	9,798,941	320,049	198,650	78,550	24,982,648	14,586,458	5
442,946	38,949	66,062	258,940	78,995	----------	----------	684,358	672,921	5,404	6,033	----------	1,377,528	693,170	6
147,538	21,610	9,391	63,339	53,198	----------	----------	166,626	163,304	1,468	1,854	----------	505,111	338,485	7
52,743	3,360	13,128	31,690	4,565	----------	----------	138,793	137,440	71	900	382	199,390	60,597	8
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	9
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	10
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	11
1,792,163	134,288	312,416	1,179,644	165,815	----------	----------	1,368,547	1,283,039	42,460	24,172	18,876	4,645,543	3,276,996	12
501,648	36,304	96,454	306,718	62,172	----------	----------	1,520,775	1,494,073	14,832	11,870	----------	2,430,012	909,237	13
55,799	12,240	4,702	35,830	1,847	----------	1,180	71,515	63,472	5,700	2,343	----------	105,901	34,386	14
2,122,091	199,574	245,933	1,490,943	184,471	1,170	----------	3,436,397	3,361,739	45,208	29,450	----------	6,711,000	3,274,603	15
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	16
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	17
63,456	----------	7,026	56,430	----------	----------	----------	266,825	259,930	2,652	4,243	----------	486,170	219,345	18
131,664	7,227	12,336	91,653	18,948	----------	1,500	248,434	235,758	7,369	5,292	15	443,177	194,743	19
695,930	66,040	45,023	529,087	55,780	----------	----------	1,482,063	1,462,879	8,496	5,520	5,168	2,436,978	954,915	20
(5)	----------	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	21
300,908	79,523	36,006	92,183	93,196	----------	----------	614,991	601,743	4,209	9,039	----------	1,145,192	530,201	22
3,121,490	225,558	506,327	2,141,261	248,344	----------	----------	14,056,811	13,703,576	127,169	226,066	----------	19,879,464	5,822,653	23
13,165,208	626,330	1,448,425	10,532,307	507,511	47,474	3,161	15,524,581	14,974,500	211,560	300,513	38,008	34,765,462	19,240,881	24
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	----------	(5)	(5)	(5)	(5)	25
635,134	63,595	60,263	479,108	32,168	----------	----------	1,018,688	993,318	4,063	21,307	----------	2,041,994	1,023,306	26
232,909	7,200	26,449	196,720	2,540	----------	----------	1,944,630	1,896,457	38,994	9,179	----------	2,295,719	351,089	27
1,878,677	153,636	210,216	1,407,398	88,145	11,644	7,638	1,895,527	1,790,156	35,584	42,870	26,917	4,822,974	2,927,447	28
695,861	82,649	121,405	389,607	102,200	----------	----------	583,306	547,761	16,224	15,573	3,748	1,708,465	1,125,159	29
1,218,157	86,101	146,472	950,155	35,429	----------	----------	2,920,083	2,815,383	89,539	15,161	----------	5,067,029	2,146,946	30
1,200,716	39,229	89,837	955,878	115,672	----------	100	2,621,293	2,567,957	34,559	17,102	1,675	3,577,163	955,870	31
199,778	7,588	11,636	165,734	13,252	----------	1,568	353,279	348,382	1,493	3,404	----------	605,767	252,488	32
3,923,568	182,160	731,521	2,824,485	185,402	----------	----------	5,730,046	5,454,341	53,817	158,323	63,565	13,129,613	7,399,567	33
26,045	4,900	4,545	13,721	2,879	----------	----------	35,862	35,069	----------	436	357	84,614	48,752	34
71,038,671	2,933,760	10,786,095	51,628,287	5,022,969	342,194	325,366	184,105,539	172,957,130	9,001,496	1,926,757	220,156	353,786,429	169,680,890	35
6,673,680	387,160	1,120,155	4,379,672	516,063	29,843	240,787	18,128,301	17,158,234	608,505	361,562	----------	51,839,964	33,711,663	36
1,526,025	102,404	227,740	1,021,939	155,984	----------	17,958	3,719,874	3,613,802	43,176	62,896	----------	6,600,047	2,880,173	37
2,186,599	194,166	310,771	1,479,095	180,397	17,002	5,168	3,522,353	3,444,126	19,637	32,734	25,856	6,903,255	3,380,902	38
2,717,466	112,585	362,374	1,808,042	424,638	9,827	----------	3,889,956	3,754,083	94,328	41,285	260	8,542,972	4,653,016	39
3,154,966	217,559	840,453	1,842,528	169,747	82,490	2,189	11,493,518	10,399,478	1,023,140	69,900	1,000	22,136,710	10,643,192	40
198,106	2,054	23,956	171,228	----------	868	----------	2,211,270	2,162,374	36,197	12,699	----------	3,052,873	841,603	41
1,476,681	123,779	162,039	977,246	213,617	----------	----------	4,493,593	4,459,246	12,161	21,137	1,049	7,002,586	2,508,993	42
5,370,192	217,980	532,913	4,423,078	119,963	76,258	----------	6,136,818	5,570,493	481,769	84,556	----------	16,344,998	10,208,180	43
9,380,227	455,664	1,135,961	6,706,845	1,000,810	75,369	5,578	27,218,784	21,340,838	5,399,118	451,224	27,604	45,113,029	17,894,245	44
1,020,822	42,503	203,849	701,680	62,433	9,339	1,018	9,053,266	8,830,563	184,919	37,684	100	13,046,121	3,992,855	45
2,129,768	133,023	180,127	1,653,673	162,945	----------	----------	5,885,042	5,814,041	27,945	38,826	4,230	9,988,449	4,103,407	46
12,615,351	404,883	2,302,332	8,644,094	1,197,374	14,000	52,668	7,737,534	7,495,301	108,555	78,019	55,659	32,608,712	24,871,178	47
727,494	18,450	111,725	587,041	10,278	----------	----------	619,628	576,025	28,245	15,358	----------	1,583,793	964,165	48
4,469,796	252,702	646,010	3,185,156	385,928	----------	----------	7,721,584	7,529,201	76,996	85,564	29,823	17,474,245	9,752,661	49
17,391,498	268,848	2,625,690	14,046,970	422,792	27,198	----------	72,274,018	70,809,325	856,805	533,313	74,575	111,548,675	39,274,657	50

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[6] For numbers of establishments and of wage earners in individual industries, see table 12.

TABLE 9.—GENERAL STATISTICS FOR DETROIT

[This table presents, for the Detroit Industrial Area, separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate industries for which combined figures are given, however, reported larger numbers

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS[1] Total	Salaried officers of corporations[2]	Manufacturing: Salaried employees[2]	Manufacturing: Wage earners (average for year)[3]	Distribution	Construction	Other
1		All industries, total	2,772	1,626	368,260	2,747	35,540	311,332	16,336	1,162	1,143
2	19	Aircraft and parts, including aircraft engines	6	5	1,109	8	262	778	61		
3	17	Alloying and rolling and drawing of nonferrous metals, except aluminum	13		3,545	25	413	2,874	151	69	13
4	17	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	9	4	2,087	5	278	1,801	3		
5	18	Asbestos products (except steam packing and pipe and boiler covering)	3		319	3	62	215	39		
6	14	Automobile stampings	23	8	2,940	39	293	2,566	37	3	2
7	18	Automobile trailers (for attachment to passenger cars)	6	4	100	5	6	87	1		1
8	16	Automotive electrical equipment	3	1	59	5	12	36	6		
9	1	Biscuit, crackers, and pretzels	4	3	352	3	21	323			5
10	17	Blowers, exhausters, and ventilating fans	8	4	836	11	134	467	150		74
11	8	Bookbinding and related industries	19	14	510	26	58	416	10		
12	8	Books—printing without publishing	29	15	942	32	120	724	66		
13	8	Books—publishing without printing	6	4	173		116		57		
14	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	292	355	6,915	45	379	5,975	453	16	47
15	13	Brick and hollow structural tile	5	1	353	5	17	313	7	11	
16	20	Brooms	4	4	29	1	1	25	2		
17	20	Brushes	4	7	69	3	3	56	7		
18	1	Candy and other confectionery products	14	3	626	12	49	543	22		
19	1	Canned and dried fruits and vegetables (including canned soups)	3	1	15	2	2	8	3		
20	4	Canvas products (except bags)	10	4	281	9	20	181	71		
21	6	Caskets, coffins, burial cases, and other morticians' goods	10	3	192	14	12	142	24		
22	13	Cement	3		381		31	348	2		
23	9	Chemicals not elsewhere classified	17	2	3,542	16	440	2,581	64	436	5
24	2	Cigars	16	8	1,183	11	38	1,121	12		1
25	9	Cleaning and polishing preparations, blacking, and dressings	25	8	445	20	65	226	120	14	
26	14	Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills	3		401	7	26	364	4		
27	9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	9		209		19	138	52		
28	13	Concrete products	41	27	648	29	47	500	68	4	
29	17	Construction and similar machinery (except mining and oil-field machinery and tools)	4	1	506	5	88	408	3		2
30	7	Converted paper products not elsewhere classified	10	11	1,253	12	136	874	224	7	
31	6	Cooperage	4	1	86	1	7	78			
32	1	Creamery butter	5	1	127	1	20	38	54	14	
33	4	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	3	3	30	2	2	21	5		
34	20	Dental equipment and supplies	5		172	12	14	110	36		
35	9	Drugs and medicines (including drug grinding)	22	10	2,906	24	523	1,871	484		4
36	16	Electrical appliances	5		583	12	69	416	79	6	1
37	15	Electroplating, plating, and polishing	24	22	511	22	43	423	20	1	2
38	8	Electrotyping and stereotyping, not done in printing establishments	5	1	218	7	29	161	21		
39	17	Elevators, escalators, and conveyors [a]	11		1,162	29	127	957	49		
40	14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	6		572	7	86	464	15		
41	15	Engraving on metal (except for printing purposes)	3	3	51		2	49			
42	8	Engraving (steel, copperplate, and wood); plate printing	5	5	30	2	7	17	4		
43	20	Fabricated plastic products, not elsewhere classified	4	2	550	4	14	527	5		
44	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	29	16	1,624	29	236	1,226	114	18	1
45	1	Flavoring extracts and flavoring sirups, not elsewhere classified	9	5	65	8	7	30	18		2
46	1	Food preparations, not elsewhere classified	24	24	521	28	38	307	127	5	16
47	14	Forgings, iron and steel—made in plants not operated in connection with rolling mills	11	1	568	23	31	501	13		
48	4	Fur coats and other fur garments, accessories, and trimmings	7	4	113	2	13	93	5		
49	20	Games and toys (except dolls and children's vehicles)	12	5	947	19	72	823	33		
50	8	General commercial (job) printing	174	143	2,160	90	253	1,625	190	2	
51	16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	21	14	1,777	21	348	1,265	131	10	2
52	14	Gray-iron and semisteel castings	21	4	1,493	38	109	1,306	36	4	
53	20	Hand stamps, stencils, and brands	8	16	51		5	36	13		
54	14	Hardware not elsewhere classified	10	3	931	19	121	778	13		
55	14	Heating and cooking apparatus, except electric, not elsewhere classified	3	2	70	3	6	44	17		
56	4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	5	5	348	3	16	321	6	1	1
57	4	Housefurnishings (except curtains, draperies, and bedspreads)	8	4	447	9	27	383	25	3	
58	6	Household furniture, except upholstered	11	4	395	15	44	302	31	3	
59	1	Ice cream and ices	59	26	664	34	62	298	243	2	25
60	1	Ice, manufactured	24	3	399	6	52	146	182		13
61	17	Industrial machinery, not elsewhere classified	7	3	701	10	210	429	43	9	
62	9	Insecticides, fungicides, and related industrial and household chemical compounds	22	16	402	22	49	247	66	18	
63	17	Internal-combustion engines	4		802	9	199	529	51		14
64	15	Lighting fixtures	6	1	850	9	48	778	15		
65	8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	18	5	604	29	90	427	58		
66	9	Lubricating oils and greases—not made in petroleum refineries	6	1	143	8	20	92	20	3	

See footnotes at end of table.

INDUSTRIAL AREA, BY INDUSTRIES: 1939

data for individual establishments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the of wage earners or larger values of products than some shown separately.]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
657,393,332	20,030,336	87,170,827	511,909,475	34,329,725	1,979,191	1,973,778	1,650,125,393	1,584,376,724	29,446,535	15,464,995	20,837,139	2,719,210,429	1,069,085,036	1
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)	(5)	(5)	(5)	2
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	3
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)	4
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)	5
5,316,885	263,832	712,703	4,256,127	74,106	7,567	2,550	5,797,080	5,369,611	63,885	171,090	192,494	13,976,630	8,179,550	6
(5)	(5)	(5)	(5)	(5)		(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	7
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)	8
(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)	(5)		(5)	(5)	9
(5)	(5)	(5)	(5)	(5)		(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	10
660,827	123,032	102,078	414,816	20,901			335,579	296,110	2,282	13,241	23,946	1,348,687	1,013,108	11
1,979,203	240,043	311,256	1,216,056	211,848			2,248,746	1,800,852	16,349	45,515	386,030	4,887,317	2,638,571	12
215,259		110,163		105,096			185,193	28,876		14	156,303	562,821	377,628	13
10,362,442	146,667	773,379	8,814,707	544,365	31,689	51,635	16,944,499	16,266,523	426,541	250,906	529	35,968,892	19,024,393	14
597,800	51,300	38,795	491,253	9,822	6,630		309,623	68,920	223,392	17,311		1,545,366	1,235,743	15
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)	16
95,832	9,727	7,526	66,633	11,946			289,227	286,346	1,372	1,509		494,822	205,595	17
690,392	66,995	87,561	502,579	33,257			1,666,925	1,629,662	17,966	19,297		2,754,623	1,087,698	18
13,703	3,700	747	5,928	3,328			42,615	42,148	313	154		85,904	43,289	19
343,527	33,800	36,406	178,184	95,137			456,889	450,635	2,626	3,628		923,378	466,489	20
295,497	66,922	22,323	159,080	47,172			406,396	395,675	6,544	4,177		860,110	453,714	21
697,796		97,017	596,088	4,691			1,215,902	734,703	421,491	59,708		3,245,581	2,029,679	22
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	23
863,938	50,735	65,134	719,877	26,113		2,079	1,634,001	1,617,172	6,883	9,946		3,087,572	1,453,571	24
(5)	(5)	(5)	(5)	(5)	(5)		(5)	(5)	(5)	(5)		(5)	(5)	25
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)	(5)	(5)	(5)	26
407,396		46,177	240,031	121,188			457,555	282,479	6,130	168,946		2,240,038	1,782,483	27
1,073,636	130,895	94,061	726,604	113,343	8,733		1,811,902	1,735,891	36,793	39,218		3,817,345	2,005,443	28
(5)	(5)	(5)	(5)	(5)		(5)	(5)	(5)	(5)	(5)		(5)	(5)	29
1,815,925	125,026	270,163	1,080,583	333,534	6,619		2,899,066	2,849,959	14,995	33,428	684	5,021,493	2,122,427	30
(5)	(5)	(5)	(5)				(5)	(5)	(5)	(5)	(5)	(5)	(5)	31
(5)	(5)	(5)	(5)	(5)	(5)		(5)	(5)	(5)	(5)		(5)	(5)	32
29,752	4,465	3,098	15,640	6,549			106,909	101,835	400	824	3,850	145,605	38,696	33
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)	(5)	(5)	(5)	34
(5)	(5)	(5)	(5)	(5)		(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	35
990,343	111,481	137,016	560,820	168,954	11,072	1,000	1,265,658	1,188,742	27,137	43,279	6,500	3,109,541	1,843,883	36
760,776	93,623	113,422	519,701	29,568	1,593	2,869	499,356	383,022	22,875	74,909	18,550	1,707,958	1,208,602	37
599,559	50,950	80,956	374,989	92,664			241,574	155,929	8,196	19,266	58,183	1,074,547	832,973	38
2,181,281	180,446	317,166	1,552,255	131,414			2,949,629	2,873,799	12,127	36,593	27,110	5,937,365	2,987,736	39
962,027	40,480	179,366	690,666	51,515			1,724,986	1,616,419	60,570	47,997		2,955,329	1,230,343	40
(5)		(5)	(5)				(5)	(5)	(5)	(5)	(5)	(5)	(5)	41
38,951	2,800	8,277	18,584	9,290			26,982	23,716	690	807	1,769	98,120	71,138	42
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)	43
2,942,778	143,875	576,004	1,892,622	311,192	18,085	1,000	6,886,959	6,757,836	25,311	93,143	10,669	12,054,133	5,167,174	44
123,531	45,560	15,716	26,355	34,576		1,324	333,274	328,102	3,487	1,685		608,714	275,440	45
699,869	125,870	53,060	293,954	191,676	9,203	26,106	2,703,258	2,651,277	38,435	13,546		4,431,581	1,728,323	46
1,019,568	184,955	69,461	730,451	34,701			1,475,737	1,211,101	66,664	53,480	144,492	3,277,476	1,801,739	47
165,902	5,100	21,852	133,247	5,703			325,462	315,462	176	2,618	7,206	740,228	414,766	48
1,337,491	147,990	160,919	972,963	55,619			1,574,279	1,530,160	17,306	26,611	202	3,915,643	2,341,364	49
3,340,781	382,898	483,377	2,142,450	326,616	5,440		3,601,791	3,032,435	38,166	86,272	444,918	8,811,032	5,209,241	50
3,246,105	224,882	643,941	1,987,555	370,856	17,127	1,744	4,179,758	4,086,623	34,281	44,546	14,308	9,607,693	5,427,935	51
2,410,437	287,250	258,142	1,758,207	100,075	6,763		1,581,332	1,260,109	193,862	124,788	2,573	5,282,894	3,701,562	52
(5)		(5)	(5)	(5)			(5)	(5)	(5)	(5)	(5)	(5)	(5)	53
1,608,877	165,320	273,261	1,124,889	45,407			2,292,131	2,198,512	18,830	50,224	24,565	4,933,822	2,641,691	54
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)	(5)	(5)	(5)	55
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)		(5)	(5)	56
385,433	34,143	42,355	275,799	29,481	3,655		1,029,824	1,017,208	4,734	6,484	1,398	1,618,841	589,017	57
602,802	82,660	80,655	330,177	104,948	4,362		821,913	794,871	8,817	16,512	1,713	1,652,500	830,587	58
1,201,837	131,888	128,945	397,137	470,022	2,493	71,352	3,392,225	3,222,878	43,464	123,713	2,170	6,266,881	2,874,656	59
560,947	40,600	63,188	194,601	249,296		13,262	266,861	42,032	10,957	213,872		1,727,032	1,460,171	60
(5)	(5)	(5)	(5)	(5)	(5)		(5)	(5)	(5)	(5)	(5)	(5)	(5)	61
641,400	77,501	113,799	315,103	102,024	32,973		1,581,488	1,542,231	12,763	23,700	2,794	3,870,177	2,288,689	62
(5)	(5)	(5)	(5)	(5)		(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	63
1,505,841	60,160	103,735	1,303,645	38,301			3,559,762	3,471,599	24,294	52,570	11,299	5,773,191	2,213,429	64
1,087,130	169,706	193,927	568,155	155,342			1,544,062	1,277,876	13,812	17,098	235,276	3,093,942	1,549,880	65
(5)	(5)	(5)	(5)	(5)	(5)		(5)	(5)	(5)	(5)		(5)	(5)	66

TABLE 9.—GENERAL STATISTICS FOR DETROIT

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS[1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
1	8	Machine and hand typesetting (including advertisement typesetting)	17	14	468	17	54	348	49		
2	17	Machine-shop products, not elsewhere classified	88	34	5,610	117	620	4,587	230	16	40
3	17	Machine-shop repairs	23	21	335	21	25	262	20		7
4	17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	169	81	6,795	240	610	5,378	470	23	74
5	17	Machine tools	7		1,948	21	223	1,586	68	5	45
6	1	Malt liquors	13		2,668	41	144	1,373	1,039	41	30
7	6	Mattresses and bedsprings	14	10	361	17	32	262	50		
8	17	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	4	2	40	3	11	21	4		1
9	1	Meat packing, wholesale	29	24	1,939	28	90	1,587	212	7	15
10	17	Mechanical power-transmission equipment	11	8	1,165	18	83	1,018	11	35	
11	4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	3	1	26		1	25			
12	4	Men's neckwear—made in inside factories or by jobbers engaging contractors [a]	9	6	107	7	6	88	6		
13	17	Metalworking machinery and equipment, not elsewhere classified	10	6	608	9	112	481	6		
14	6	Mirror frames and picture frames	4	5	49	4	8	35	2		
15	13	Mirrors and other glass products made of purchased glass	10	4	210	11	18	155	26		
16	20	Miscellaneous fabricated products not elsewhere classified	11	5	285	11	21	217	36		
17	20	Models and patterns (except paper patterns)	40	38	718	24	57	619	17	1	
18	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	13	3	226	19	20	154	33		
19	18	Motor vehicles, motor-vehicle bodies, parts and accessories	115	20	214,951	158	18,137	191,356	4,616	70	614
20	9	Mucilage, paste, and other adhesives, except glue and rubber cement	5	3	17	1	3	10	3		
21	20	Musical instruments, parts, and materials not elsewhere classified	4	5	27	2	4	20	1		
22	8	Newspapers: publishing and printing	36	21	4,104	29	1,491	1,664	820	100	
23	8	Newspapers: publishing without printing	20	9	138	17	66	34	21		
24	1	Nonalcoholic beverages	45	37	1,016	38	66	393	517	1	1
25	15	Nonferrous-metal foundries (except aluminum)	11	3	362	16	40	287	18		1
26	15	Nonferrous-metal products not elsewhere classified	28	6	3,357	57	367	2,785	128	1	19
27	10	Oven coke and coke-oven byproducts	5		1,075		57	1,018			
28	9	Paints, varnishes, and lacquers	39	12	2,292	51	405	1,451	373	12	
29	7	Paper and paperboard mills	4		727	5	56	652	14		
30	7	Paperboard containers and boxes not elsewhere classified	11	1	616	14	56	500	45	1	
31	6	Partitions, shelving, cabinet work, and office and store fixtures	21	21	193	5	18	151	17		
32	8	Periodicals: publishing and printing	11	3	316	11	73	188	44		
33	8	Periodicals: publishing without printing	39	9	306	37	175	10	84		
34	10	Petroleum refining	3		293		30	260	3		
35	8	Photoengraving, not done in printing establishments (including preparation of plates)	17	6	573	29	59	434	51		
36	20	Photographic apparatus and materials and projection equipment (except lenses)	3	3	25	2	1	19	3		
37	1	Pickled fruits and vegetables and vegetable sauces and seasonings	7	3	164	7	16	96	45		
38	5	Planing mills not operated in conjunction with sawmills	28	16	833	24	53	676	75		5
39	14	Power boilers and associated products	4	1	124	7	7	102	8		
40	1	Prepared feeds (including mineral) for animals and fowls	5	6	46	4	5	22	15		
41	17	Printing-trades machinery and equipment	6		41	6	4	22	8		1
42	17	Pumping equipment and air compressors	7	2	231	7	56	133	30	5	
43	17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	7	3	1,801	16	218	1,448	119		
44	10	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	3	2	82		6	76			
45	11	Rubber products not elsewhere classified	8	2	714	10	85	584	34		1
46	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	31	29	781	28	55	508	184	2	4
47	14	Screw-machine products and wood screws	36	16	1,253	51	94	1,052	43	10	3
48	15	Sheet-metal work not specifically classified	25	25	482	31	53	363	35		
49	19	Shipbuilding and ship repairing	3		270	6	54	208	2		
50	20	Signs, advertising displays, and advertising novelties	29	22	593	20	70	433	70		
51	14	Stamped and pressed metal products (except automobile stampings)	25	11	914	31	119	726	31	7	
52	13	Statuary and art goods (except stone and concrete)—factory production	3	2	18			16	2		
53	14	Steel castings	4		698	11	82	581	23		1
54	14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	11	5	1,101	15	98	872	110	6	
55	12	Suitcases, brief cases, bags, trunks, and other luggage [b]	7	4	337	8	31	269	29		
56	4	Textile bags—not made in textile mills [a]	4	1	59	1	7	49	2		
57	2	Tobacco (chewing and smoking) and snuff	3	1	455	5	8	308	134		
58	14	Tools (except edge tools, machine tools, files, and saws)	6	2	108	6	12	73	17		
59	4	Trousers (semidress), wash suits, and washable service apparel	3		46	3	2	39	1		1
60	6	Upholstered household furniture	14	10	458	16	31	360	50	1	
61	17	Vending, amusement, and other coin-operated machines	3	2	36	3	3	23	7		
62	6	Window and door screens and weather strip	10	6	159	4	5	122	28		
63	6	Window shades	9	9	24		4	14	6		
64	1	Wines	5		146	12	17	59	58		
65	14	Wirework not elsewhere classified	28	8	5,176	47	456	4,518	128	25	2

See footnotes at end of table.

INDUSTRIAL AREA, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture	
		Salaries [2]	Wages											
Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	
1,011,310	94,377	136,518	685,883	94,532	----	----	137,540	98,691	5,731	11,518	21,600	1,491,701	1,354,161	1
10,146,600	912,118	1,379,219	7,191,825	554,776	34,129	74,533	10,550,836	9,894,236	220,694	332,576	103,330	26,360,511	15,809,675	2
543,218	51,427	59,093	388,645	38,269	----	5,784	238,821	197,956	10,197	25,495	5,173	1,109,605	870,784	3
16,098,640	1,770,252	1,652,484	11,477,841	1,050,952	46,518	100,593	9,314,266	8,440,229	140,940	364,174	368,923	34,660,133	25,345,867	4
4,816,465	258,940	696,073	3,483,720	243,335	11,100	123,297	3,529,242	3,258,287	33,614	77,012	160,329	10,314,306	6,785,064	5
6,007,165	425,092	427,553	2,714,725	2,295,561	102,041	42,193	5,576,455	5,202,478	249,467	124,510	----	20,088,244	14,511,789	6
497,282	67,474	51,922	287,889	89,997	----	----	905,742	887,572	6,084	11,936	150	1,678,419	772,677	7
78,189	22,866	17,835	24,148	12,221	----	1,119	125,084	117,033	1,226	1,106	5,719	273,561	148,477	8
3,140,849	154,868	176,275	2,339,715	422,297	9,615	38,079	36,475,567	36,203,157	178,620	93,790	----	41,409,199	4,933,632	9
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	10
24,929	----	1,870	23,059	----	----	----	22,802	22,178	----	624	----	59,156	36,354	11
103,798	20,275	9,940	60,714	12,869	----	----	210,693	208,523	----	1,919	251	378,762	168,069	12
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	13
55,767	10,477	10,764	33,226	1,300	----	----	49,559	47,879	532	1,022	126	162,586	113,027	14
311,956	48,226	33,959	179,274	50,497	----	----	947,419	930,402	7,833	8,584	600	1,867,036	919,617	15
335,587	56,486	34,097	203,466	41,538	----	----	375,864	365,548	3,436	6,176	704	832,324	456,460	16
1,628,791	138,386	160,637	1,292,978	34,667	2,123	----	557,671	495,399	18,047	29,315	14,910	3,045,757	2,488,086	17
395,268	66,079	38,493	232,544	58,152	----	----	431,823	400,313	4,483	22,527	4,500	1,065,911	634,088	18
384,897,906	2,382,716	47,667,990	323,873,209	9,722,748	147,399	1,103,844	1,122,177,903	1,091,654,869	8,924,912	5,846,216	15,751,906	1,658,794,884	536,616,981	19
21,873	2,392	4,940	11,109	3,432	----	----	72,000	70,727	817	456	----	111,385	39,385	20
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	21
9,041,320	297,886	3,344,532	3,538,878	1,705,747	154,277	----	5,873,720	5,629,570	29,817	179,813	34,520	23,555,670	17,681,950	22
199,537	36,892	69,961	52,565	40,119	----	----	206,119	12,504	1,015	1,542	191,058	586,101	379,982	23
1,777,023	260,329	124,022	510,587	879,814	1,300	971	3,632,671	3,551,068	32,275	49,328	----	8,096,957	4,464,286	24
667,841	60,105	73,408	493,265	40,023	----	1,040	610,738	566,704	25,223	13,322	5,489	1,581,315	970,577	25
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	26
2,072,312	----	214,571	1,857,741	----	----	----	14,583,114	13,697,734	727,609	157,771	----	18,964,326	4,381,212	27
4,227,393	343,011	917,445	2,163,976	775,222	27,739	----	15,371,992	15,116,267	76,507	179,126	92	27,934,823	12,562,831	28
1,253,681	46,400	144,673	1,021,913	40,695	----	----	2,306,823	2,055,943	242,056	7,779	1,045	4,528,081	2,221,258	29
873,628	90,688	101,741	572,983	105,655	2,561	----	1,601,974	1,553,008	21,397	24,997	2,572	2,989,902	1,387,928	30
329,966	19,208	33,394	254,251	22,650	----	463	475,016	457,910	2,790	9,049	5,267	1,023,207	548,191	31
617,608	52,554	139,215	332,840	92,999	----	----	431,131	329,182	1,295	6,551	94,103	1,408,673	977,542	32
652,478	159,122	256,675	16,122	220,559	----	----	1,319,771	383,885	217	1,732	933,937	2,658,116	1,338,345	33
(5)	----	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	34
1,593,641	231,266	150,631	1,068,931	142,813	----	----	321,337	253,184	9,169	23,263	35,721	2,958,167	2,636,830	35
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	36
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	37
1,358,771	140,001	115,216	1,016,487	83,523	----	3,544	2,226,664	2,144,172	33,020	47,953	1,519	4,117,862	1,891,198	38
178,937	13,570	11,551	132,027	21,789	----	----	173,558	165,334	1,023	6,162	1,039	483,411	309,853	39
63,472	9,900	6,580	23,719	23,273	----	----	236,314	230,479	2,342	3,493	----	382,745	146,431	40
80,456	22,100	7,590	26,714	22,366	----	1,686	99,023	85,434	2,391	980	10,218	221,592	122,569	41
388,731	55,854	93,383	181,209	51,507	6,778	----	275,716	259,057	7,695	4,580	4,384	800,362	524,646	42
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	43
(5)	----	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	44
1,321,430	84,151	231,194	926,074	78,701	----	1,310	2,365,515	2,220,204	42,494	102,817	----	5,193,136	2,827,621	45
1,346,414	182,182	127,785	704,415	324,512	2,820	4,700	7,804,178	7,693,535	50,769	59,874	----	10,218,107	2,413,929	46
2,108,241	229,715	204,944	1,558,947	99,215	13,566	1,854	2,609,598	2,259,351	38,997	110,797	200,453	5,737,083	3,127,485	47
795,776	134,946	91,703	483,854	85,273	----	----	1,144,595	1,110,924	7,149	9,599	16,923	2,495,141	1,350,546	48
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	49
766,440	106,666	107,108	469,124	83,542	----	----	918,725	854,686	15,214	13,258	35,567	1,942,049	1,023,324	50
1,462,260	224,624	256,317	886,237	84,695	10,387	----	1,688,108	1,595,272	23,464	59,736	9,636	4,162,303	2,474,195	51
33,578	----	----	30,184	3,394	----	----	36,710	35,858	531	321	----	84,655	47,945	52
1,201,262	92,545	187,759	846,021	74,157	----	780	825,738	595,327	58,875	170,076	1,460	2,575,741	1,750,003	53
1,621,056	132,925	193,096	1,052,464	230,026	12,545	----	2,416,653	2,266,715	90,612	40,020	19,306	4,944,172	2,527,519	54
442,946	38,949	66,062	258,940	78,995	----	----	684,358	672,921	5,404	6,033	----	1,377,528	693,170	55
52,743	3,360	13,128	31,690	4,565	----	----	138,793	137,440	71	900	382	199,390	60,597	56
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	57
193,992	31,059	23,106	107,251	32,576	----	----	164,467	159,167	1,953	3,055	292	460,182	295,715	58
55,799	12,240	4,702	35,830	1,847	----	1,180	71,515	63,472	5,700	2,343	----	105,901	34,386	59
687,917	112,150	65,622	442,686	66,289	1,170	----	1,252,543	1,233,902	6,637	12,004	----	2,295,627	1,043,084	60
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	61
203,756	8,540	14,780	150,834	29,602	----	----	374,440	369,258	1,933	3,249	----	704,045	329,605	62
25,556	----	4,438	12,145	8,973	----	----	147,196	145,842	342	1,012	----	223,371	76,175	63
225,893	50,600	26,891	63,871	84,531	----	----	408,780	400,703	1,887	6,190	----	801,410	392,630	64
7,887,682	398,682	917,966	6,306,398	230,236	32,400	2,000	7,546,933	7,251,077	113,081	156,612	26,163	18,080,368	10,533,435	65

TABLE 9.—GENERAL STATISTICS FOR DETROIT

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
1	4	Women's and misses' dresses (except house dresses) made in inside factories or by jobbers engaging contractors	4	6	77	1	7	62	7		...
2	6	Wooden boxes except cigar boxes	10	9	237	7	13	205	12		.
3	6	Wood products not elsewhere classified	11	10	70	9	11	47	3		.....
4	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	9	6	379	8	23	323	24		1
5	14	Wrought pipes, welded and heavy riveted (made in plants not operated in connection with rolling mills)	5	.	2,113	12	300	1,710	91	.	.
6		Other industries [5]	582	264	68,959	658	7,907	55,768	3,728	716	182
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]									
7	1	Food and kindred products	37	18	1,166	40	110	751	226	18	21
8	3	Textile-mill products and other fiber manufactures	15	7	1,574	6	137	1,410	21	.	.
9	4	Apparel and other finished products made from fabrics and similar materials	48	47	2,195	31	202	1,846	104	7	5
10	6	Furniture and finished lumber products	12	9	558	4	42	476	32	4	.
11	7	Paper and allied products	15	5	831	23	43	670	94	.....	1
12	9	Chemicals and allied products	98	28	8,171	94	1,309	5,524	761	473	10
13	13	Stone, clay, and glass products	34	5	3,816	35	243	3,314	167	50	7
14	14	Iron and steel and their products, except machinery	62	16	17,204	106	1,182	15,122	749	40	5
15	15	Nonferrous metals and their products	69	23	9,310	100	1,104	7,685	316	70	35
16	16	Electrical machinery	23	14	994	27	84	736	142	3	2
17	17	Machinery (except electrical)	67	30	11,978	118	1,887	9,117	717	44	95
18	19	Transportation equipment except automobiles	13	6	1,717	14	359	1,278	66	.....	.
19	20	Miscellaneous industries	54	43	1,607	34	172	1,225	176	.....	. .
20	2	Tobacco manufactures	3	1	455	5	8	308	134	.....	.....
	8	Printing, publishing, and allied industries	5	1	209	5	22	170	6	6	.....
	10	Products of petroleum and coal	8	3	435		40	391	3	1	.....
	12	Leather and leather products	10	3	561	11	40	497	13	.....	.....
	18	Automobiles and automobile equipment	6	4	100	5	6	87	1	.....	1
	5	Lumber and timber basic products	1	1	6,078	.....	917	5,161	.....	.....	.....
	11	Rubber products	2								

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.
[2] Figures do not include data for personnel of central-administrative offices.
[3] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.
[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.

INDUSTRIAL AREA, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	----	(5)	(5)	(5)	(5)	1
300, 296	41, 476	25, 677	200, 975	32, 168	----	----	532, 284	520, 196	2, 423	9, 665	----	1, 075, 024	542, 740	2
85, 563	18, 560	14, 768	48, 469	3, 766	----	----	125, 369	119, 866	1, 361	2, 489	1, 653	274, 449	149, 080	3
352, 156	28, 420	26, 460	242, 480	54, 696	----	100	475, 669	468, 627	2, 207	3, 160	1, 675	823, 043	347, 374	4
3, 923, 568	182, 160	731, 521	2, 824, 485	185, 402	----	----	5, 730, 046	5, 454, 341	53, 817	158, 323	63, 565	13, 129, 613	7, 399, 567	5
123, 018, 658	5, 493, 772	18, 585, 505	88, 875, 569	8, 587, 306	1, 186, 719	289, 787	290, 693, 408	268, 958, 204	15,966,329	4,847,527	921, 348	563, 078, 968	272, 385, 560	6
1, 694, 874	224, 189	229, 455	819, 471	372, 239	37, 385	12, 135	6, 790, 212	6, 595, 403	85, 708	107, 901	1, 200	11, 163, 172	4, 372, 960	7
2, 016, 986	94, 500	265, 284	1, 544, 892	112, 310	----	----	5, 321, 967	5, 139, 634	45, 513	136, 820	----	10, 066, 083	4, 744, 116	8
2, 465, 076	156, 330	346, 224	1, 768, 604	174, 650	14, 000	5, 268	5, 325, 701	5, 098, 965	25, 244	43, 252	158, 240	9, 948, 450	4, 622, 749	9
698, 519	45, 400	97, 764	512, 845	32, 683	9, 827	----	1, 036, 489	973, 891	36, 082	26, 365	151	2, 427, 861	1, 391, 372	10
1, 541, 724	135, 276	123, 847	1, 105, 212	177, 076	----	313	4, 565, 815	4, 513, 612	10, 434	36, 228	5, 541	7, 590, 741	3, 024, 926	11
14, 517, 811	801, 551	3, 141, 000	8, 344, 750	1, 587, 675	630, 577	12, 258	26, 156, 185	22, 277, 875	3, 645, 483	218, 400	14, 427	79, 264, 342	53, 108, 157	12
6, 411, 043	304, 067	664, 787	4, 969, 125	371, 768	93, 299	7, 997	9, 648, 497	9, 119, 134	363, 318	166, 030	15	22, 687, 002	13, 038, 505	13
30, 751, 100	1, 140, 054	3, 171, 496	24, 259, 265	1, 984, 743	188, 710	6, 832	91, 834, 653	79, 478, 206	9, 669, 408	2, 392, 873	294, 166	156, 183, 887	64, 349, 234	14
16, 504, 469	891, 978	2, 484, 761	12, 155, 812	808, 948	125, 807	37, 163	34, 625, 216	33, 184, 683	707, 437	709, 782	23, 314	64, 622, 657	29, 997, 441	15
1, 293, 622	117, 176	155, 548	739, 529	278, 411	2, 658	300	3, 504, 748	3, 425, 513	12, 434	33, 791	33, 010	6, 340, 255	2, 835, 507	16
23, 338, 190	1, 090, 463	4, 288, 087	15, 900, 929	1, 778, 446	72, 980	207, 285	21, 738, 461	20, 836, 099	265, 793	423, 575	212, 994	68, 518, 785	46, 780, 324	17
3, 043, 050	116, 491	785, 979	1, 982, 365	158, 215	----	----	2, 421, 210	2, 225, 534	83, 175	83, 101	29, 400	5, 926, 486	3, 505, 276	18
2, 629, 389	163, 180	349, 260	1, 794, 165	322, 784	----	----	4, 149, 950	4, 036, 934	35, 672	37, 620	39, 724	10, 133, 999	5, 984, 049	19
16, 112, 805	213, 117	2, 482, 013	12, 978, 605	427, 358	11, 476	236	73, 574, 304	72, 052, 721	980, 628	431, 789	109, 166	108, 205, 248	34, 630, 944	20

[5] For numbers of establishments and of wage earners in individual industries, see table 12.

[a] and [b] To avoid disclosing exact or approximate data for individual establishments, the data for certain establishments located outside the Detroit industrial area have been included in the figures for the industries to which these footnotes are indexed. Data for these establishments are not, however, included in the total for the area.
[a] 1 establishment. [b] 2 establishments.

TABLE 10. GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, EXCEPT FLINT, BY INDUSTRIES: 1939

[1] Table presents, for each city in the State (except Flint) having 100,000 or more inhabitants, separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures are given, however, reported larger numbers of wage earners or larger values of products than some of those shown separately. No data for nonmanufacturing personnel, except salaried officers of corporations, are included in this table]

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
						DETROIT						
	All industries, total	2,335	1,413	2,393	25,591	182,373	$17,139,476	$61,210,011	$296,486,865	$932,639,532	$1,582,619,497	$649,979,965
13	Abrasive wheels, stones, paper, cloth, and related products	6	2	7	22	192	(4)	(4)	(4)	(4)	(4)	(4)
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	10		25	333	2,432	(4)	(4)	(4)	(4)	(4)	(4)
15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	5	4	5	278	1,801	(4)	(4)	(4)	(4)	(4)	(4)
13	Asbestos products (except steam packing and pipe and boiler covering)	3		3	62	215	(4)	(4)	(4)	(4)	(4)	(4)
14	Automobile stampings	17	6	32	216	1,839	214,432	579,087	3,224,997	4,712,340	10,937,263	6,224,923
16	Automotive electrical equipment	3	1	5	12	36	(4)	(4)	(4)	(4)	(4)	(4)
3	Batting, padding, and wadding; upholstery filling	6		5	77	674	89,300	121,472	715,043	2,132,787	4,734,276	2,601,489
1	Biscuit, crackers, and pretzels	4	3	3	21	323	(4)	(4)	(4)	(4)	(4)	(4)
14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	11	1	20	70	690	254,473	178,186	1,007,523	2,766,655	5,203,605	2,436,950
8	Bookbinding and related industries [a]	19	14	26	58	416	123,032	102,078	414,816	335,579	1,348,687	1,013,108
8	Books: printing without publishing [a]	29	15	32	120	724	240,043	311,256	1,216,056	2,248,746	4,887,317	2,638,571
8	Books: publishing without printing	6	4		116		(4)	(4)	(4)	(4)	(4)	(4)
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	243	295	39	366	5,725	132,302	754,715	8,487,447	16,084,059	34,264,406	18,180,347
20	Brushes	4	7	3	3	56	9,727	7,526	66,633	289,227	494,822	205,595
9	Chemicals not elsewhere classified	8	2	11	59	803	(4)	(4)	(4)	(4)	(4)	(4)
2	Cigars	16	8	11	38	1,121	50,735	65,134	719,877	1,634,001	3,087,572	1,453,571
9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	6			16	94	(4)	(4)	(4)	(4)	(4)	(4)
13	Concrete products	28	13	25	35	362	102,968	70,779	547,700	1,287,266	2,833,865	1,546,599
17	Construction and similar machinery (except mining and oil-field machinery and tools)	4	1	4	88	408	(4)	(4)	(4)	(4)	(4)	(4)
7	Converted paper products not elsewhere classified	10	11	12	136	874	125,026	270,163	1,080,583	2,899,066	5,021,493	2,122,427
4	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	3	3	2	2	21	4,465	3,098	15,640	106,909	145,605	38,696
20	Dental equipment and supplies	5		12	14	110	(4)	(4)	(4)	(4)	(4)	(4)
7	Die-cut paper and paperboard, and converted cardboard	3		5	5	32	(4)	(4)	(4)	(4)	(4)	(4)
14	Doors, window sash, frames, molding, and trim (made of metal)	4	3	10	118	687	(4)	(4)	(4)	(4)	(4)	(4)
16	Electrical appliances [a]	5		12	69	416	111,481	137,016	560,820	1,265,658	3,109,541	1,843,883
16	Electrical products not elsewhere classified	7	2	9	32	174	(4)	(4)	(4)	(4)	(4)	(4)
8	Electrotyping and stereotyping, not done in printing establishments	5	1	7	29	161	50,950	80,956	374,989	241,574	1,074,547	832,973
8	Engraving (steel, copperplate, and wood): plate printing	5	5	2	7	17	2,800	8,277	18,584	26,982	98,120	71,138
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	25	14	26	216	856	(4)	(4)	(4)	(4)	(4)	(4)
1	Food preparations, not elsewhere classified [b]	24	24	28	38	307	125,870	53,060	293,954	2,703,258	4,431,581	1,728,323
14	Forgings, iron and steel—made in plants not operated in connection with rolling mills [a]	11	1	23	31	501	184,955	69,461	730,451	1,475,737	3,277,476	1,801,739
4	Fur coats and other fur garments, accessories, and trimmings	7	4	2	13	93	5,100	21,852	133,247	325,462	740,228	414,766
20	Games and toys (except dolls and children's vehicles)	9	5	10	22	215	(4)	(4)	(4)	(4)	(4)	(4)
8	General commercial (job) printing	157	128	85	242	1,498	367,354	463,817	1,978,027	3,287,233	8,181,410	4,894,177
16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	17	10	20	344	1,161	219,498	635,944	1,840,097	3,550,490	8,668,983	5,118,493
14	Gray-iron and semisteel castings	16	3	31	58	890	253,694	169,821	1,256,883	1,118,411	3,936,182	2,817,771
9	Grease and tallow (except lubricating greases)	3		5	11	68	26,475	29,463	89,774	377,416	754,448	377,032
20	Hand stamps, stencils, and brands	8	16		5	37	(4)	(4)	(4)	(4)	(4)	(4)
14	Heating and cooking apparatus, except electric, not elsewhere classified	3	2	3	6	44	(4)	(4)	(4)	(4)	(4)	(4)
4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	5	5	3	16	321	(4)	(4)	(4)	(4)	(4)	(4)

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, EXCEPT FLINT, BY INDUSTRIES 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
		DETROIT—Continued										
4	Housefurnishings (except curtains, draperies, and bedspreads) [a]	8	4	9	27	383	$34,143	$42,355	$275,799	$1,029,824	$1,618,841	$589,017
1	Ice cream and ices	43	18	22	57	251	77,238	119,666	338,731	3,013,384	5,573,099	2,559,715
1	Ice, manufactured	16	1	6	48	112	40,600	54,795	150,549	219,855	1,386,845	1,166,990
17	Industrial machinery, not elsewhere classified	7	3	10	210	429	(4)	(4)	(4)	(4)	(4)	(4)
9	Insecticides, fungicides, and related industrial and household chemical compounds [a]	22	16	22	49	247	77,501	113,799	315,103	1,581,488	3,870,177	2,288,689
17	Internal-combustion engines	4	-------	9	199	529	(4)	(4)	(4)	(4)	(4)	(4)
8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	18	5	29	90	427	169,706	193,927	568,155	1,544,062	3,093,942	1,549,880
8	Machine and hand typesetting (including advertisement typesetting)	17	14	17	54	348	94,377	136,518	685,883	137,540	1,491,701	1,354,161
17	Machine-shop products, not elsewhere classified	77	28	106	590	3,722	850,055	1,295,802	5,866,246	8,717,578	22,559,319	13,841,741
17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	146	75	206	530	4,767	1,617,025	1,490,009	10,303,095	8,529,582	31,498,755	22,969,173
1	Malt liquors [b]	13	-------	41	144	1,373	425,092	427,553	2,714,725	5,576,455	20,088,244	14,511,789
6	Mattresses and bedsprings [b]	14	10	17	32	262	67,474	51,922	287,889	905,742	1,678,419	772,677
17	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	4	2	3	11	21	22,866	17,835	24,148	125,084	273,561	148,477
1	Meat packing, wholesale [c]	29	24	28	90	1,587	154,868	176,275	2,339,715	36,475,567	41,409,199	4,933,632
17	Mechanical power-transmission equipment	11	8	18	83	1,018	(4)	(4)	(4)	(4)	(4)	(4)
4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	3	1	-------	1	25	-------	1,870	23,059	22,802	59,156	36,354
4	Men's neckwear—made in inside factories or by jobbers engaging contractors [a]	9	6	7	6	88	20,275	9,940	60,714	210,693	378,762	168,069
6	Mirror frames and picture frames	4	5	4	8	35	10,477	10,764	33,226	49,559	162,586	113,027
13	Mirrors and other glass products made of purchased glass	10	4	11	18	155	48,226	33,959	179,274	947,419	1,867,036	919,617
20	Miscellaneous fabricated products not elsewhere classified	11	5	11	21	217	56,486	34,097	203,466	375,864	832,324	456,460
20	Models and patterns (except paper patterns [b]	40	38	24	57	619	138,386	160,637	1,292,978	557,671	3,045,757	2,488,086
13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified [a]	13	3	19	20	154	66,079	38,493	232,544	431,823	1,065,911	634,088
18	Motor vehicles, motor-vehicle bodies, parts and accessories	91	16	135	11,449	92,675	2,049,149	29,356,144	155,730,837	578,740,007	826,722,676	247,982,669
9	Mucilage, paste, and other adhesives, except glue and rubber cement	5	3	1	3	10	2,392	4,940	11,109	72,000	111,385	39,385
20	Musical instruments, parts, and materials not elsewhere classified	4	5	2	4	20	(4)	(4)	(4)	(4)	(4)	(4)
8	Newspapers: publishing and printing	14	8	13	1,383	1,449	179,358	3,142,965	3,229,247	5,584,303	22,049,543	16,465,240
8	Newspapers: publishing without printing	12	5	14	35	22	29,320	33,597	29,612	100,578	299,190	198,612
1	Nonalcoholic beverages	38	34	31	63	366	223,290	119,152	477,491	3,412,261	7,560,442	4,148,181
15	Nonferrous-metal foundries (except aluminum) [a]	11	3	16	40	287	60,105	73,408	493,265	610,738	1,581,315	970,577
15	Nonferrous-metal products not elsewhere classified	22	4	48	305	2,395	376,731	763,685	3,676,256	5,427,232	12,851,750	7,424,518
9	Paints, varnishes, and lacquers	26	11	39	286	873	261,536	640,470	1,250,199	8,194,307	15,922,216	7,727,909
6	Partitions, shelving, cabinet work, and office and store fixtures	21	21	5	18	151	19,208	33,394	254,251	475,016	1,023,207	548,191
8	Periodicals: publishing and printing	7	1	11	61	97	(4)	(4)	(4)	(4)	(4)	(4)
8	Periodicals: publishing without printing [a]	39	9	37	175	10	159,122	256,675	16,122	1,319,771	2,658,116	1,338,345
8	Photoengraving, not done in printing establishments (including preparation of plates)	17	6	29	59	434	231,266	150,631	1,068,931	321,337	2,958,167	2,636,830
20	Photographic apparatus and materials and projection equipment (except lenses)	3	3	2	1	19	(4)	(4)	(4)	(4)	(4)	(4)
5	Planing mills not operated in conjunction with sawmills	20	7	19	45	595	109,934	98,452	901,170	1,986,889	3,638,585	1,651,696
14	Power boilers and associated products	4	1	7	7	102	13,570	11,551	132,027	173,558	483,411	309,853
17	Printing-trades machinery and equipment	6	-------	6	4	22	22,100	7,590	26,714	99,023	221,592	122,569
17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	7	3	16	218	1,448	(4)	(4)	(4)	(4)	(4)	(4)

See footnotes at end of table.

TABLE 10. GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, EXCEPT FLINT, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
	DETROIT—Continued											
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	26	22	23	49	438	$142,616	$110,706	$584,054	$6,569,238	$8,498,352	$1,929,114
14	Screw-machine products and wood screws [b]	36	16	51	94	1,052	229,715	204,944	1,558,947	2,609,598	5,737,083	3,127,485
15	Sheet-metal work not specifically classified [b]	25	25	31	53	363	134,946	91,703	483,854	1,144,595	2,495,141	1,350,546
14	Stamped and pressed metal products (except automobile stampings)	21	9	26	107	622	179,251	227,176	761,258	1,388,237	3,521,666	2,133,429
13	Statuary and art goods (except stone and concrete)—factory production	3	2			16			30,184	36,710	84,655	47,945
13	Steam and other packing; pipe and boiler covering	6	1	11	49	716	(4)	(4)	(4)	(4)	(4)	(4)
14	Stoves, ranges, water heaters, and hot-air furnaces (except electric) [a]	11	5	15	98	872	132,925	193,096	1,052,464	2,416,653	4,944,172	2,527,519
12	Suitcases, brief cases, bags, trunks, and other luggage	3	2	7	7	125	(4)	(4)	(4)	(4)	(4)	(4)
4	Textile bags—not made in textile mills [a]	4	1	1	7	49	3,360	13,128	31,690	138,793	199,390	60,597
2	Tobacco (chewing and smoking) and snuff	3	1	5	8	308	(4)	(4)	(4)	(4)	(4)	(4)
14	Tools (except edge tools, machine tools, files, and saws)	6	2	6	12	73	31,059	23,106	107,251	164,467	460,182	295,715
4	Trousers (semidress), wash suits, and washable service apparel	3		3	2	39	12,240	4,702	35,830	71,515	105,901	34,386
6	Upholstered household furniture [a]	14	10	16	31	360	112,150	65,622	442,686	1,252,543	2,295,627	1,043,084
17	Vending, amusement, and other coin-operated machines	3	2	3	3	23	(4)	(4)	(4)	(4)	(4)	(4)
6	Window and door screens and weather strip [a]	10	6	4	5	122	8,540	14,780	150,834	374,440	704,045	329,605
6	Window shades	9	9		4	14		4,438	12,145	147,196	223,371	76,175
14	Wirework not elsewhere classified	24	7	41	405	4,118	318,682	821,106	5,794,454	6,785,838	16,175,156	9,389,318
4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	4	6	1	7	62	(4)	(4)	(4)	(4)	(4)	(4)
6	Wooden boxes except cigar boxes [b]	10	9	7	13	205	41,476	25,677	200,975	532,284	1,075,024	542,740
6	Wood products not elsewhere classified [a]	11	10	9	11	47	18,560	14,768	48,469	125,369	274,449	149,080
4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	9	6	8	23	323	28,420	26,460	242,480	475,669	823,043	347,374
	Other industries [5]	686	354	783	7,050	42,188	5,454,643	16,255,521	67,428,838	185,040,352	391,766,028	206,725,676
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	57	24	65	161	1,210	328,576	318,984	1,252,725	8,275,450	13,755,809	5,480,359
3	Textile-mill products and other fiber manufactures	7	7	1	52	494	5,200	120,527	513,798	2,087,682	3,451,285	1,363,603
4	Apparel and other finished products made from fabrics and similar materials	55	49	39	218	2,001	187,056	376,047	1,917,402	5,739,675	10,781,183	5,041,508
6	Furniture and finished lumber products	27	14	31	64	708	177,501	134,697	796,061	1,496,315	3,643,110	2,146,795
7	Paper and allied products	25	6	28	116	1,075	220,036	254,114	1,402,177	4,321,458	7,955,862	3,634,404
8	Printing, publishing, and allied industries	18	6	16	199	267	77,680	279,223	424,862	1,145,652	2,831,437	1,685,785
9	Chemicals and allied products	79	28	72	702	3,223	604,402	1,813,305	4,553,899	11,419,319	47,606,683	36,187,364
13	Stone, clay, and glass products	27	4	30	169	1,413	182,467	461,324	2,043,266	4,607,068	10,968,353	6,361,285
14	Iron and steel and their products, except machinery	78	30	120	976	6,410	909,288	2,336,960	10,360,896	25,980,070	53,597,450	27,617,380
15	Nonferrous metals and their products	64	38	72	743	5,240	532,320	1,609,718	8,295,507	25,826,844	47,652,795	21,825,951
16	Electrical machinery	22	14	25	82	732	110,876	152,015	734,032	3,491,444	6,302,332	2,810,888
17	Machinery (except electrical)	105	50	186	2,207	11,473	1,579,211	5,214,364	20,583,438	27,182,326	82,449,929	55,267,603
19	Transportation equipment except automobiles	7	5	9	182	722	42,432	417,675	1,081,381	1,625,946	3,210,008	1,584,062
20	Miscellaneous industries	85	68	61	178	1,162	276,956	371,293	1,468,193	3,318,917	7,641,872	4,322,955
10	Products of petroleum and coal	4	1		27	376						
11	Rubber products	8	2	7	919	4,746	220,642	2,395,275	12,001,201	58,522,186	89,917,920	31,395,734
12	Leather and leather products	13	5	16	47	621						
2	Tobacco manufactures	3	3	5	8	315						
18	Automobiles and automobile equipment	2										
	FLINT											
	All industries, total	109	80	44	3,702	32,718	(6)	(6)	(6)	(6)	(6)	(6)
	GRAND RAPIDS											
	All industries, total	421	275	412	2,260	19,665	$2,596,015	$4,123,046	$23,050,012	$44,423,592	$99,915,933	$55,492,341
1	Biscuit, crackers, and pretzels	4		9	31	359	(4)	(4)	(4)	(4)	(4)	(4)
8	Books: printing without publishing	9	4	11	32	139	37,407	56,451	168,678	205,179	650,665	445,486
8	Books: publishing without printing	3	3		11		(4)	(4)		(4)	(4)	(4)
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	37	38	4	46	727	25,429	82,772	971,983	2,254,726	4,438,987	2,184,261
1	Candy and other confectionery products	5	4	6	12	150	(4)	(4)	(4)	(4)	(4)	(4)

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, EXCEPT FLINT, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
		GRAND RAPIDS—Continued										
6	Caskets, coffins, burial cases, and other morticians' goods	4	3	4	4	32	$10,360	$4,622	$20,519	$87,772	$182,846	$95,074
2	Cigars	4	6	1	6	162	(4)	(4)	(4)	(4)	(4)	(4)
9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	4	--	--	6	22	(4)	(4)	(4)	(4)	(4)	(4)
13	Concrete products	8	6	2	13	94	(4)	(4)	(4)	(4)	(4)	(4)
1	Creamery butter	3	1	------	10	40	(4)	(4)	(4)	(4)	(4)	(4)
9	Drugs and medicines (including drug grinding)	3	4	5	3	27	(4)	(4)	(4)	(4)	(4)	(4)
15	Electroplating, plating, and polishing	3	5	--	2	98	(4)	(4)	(4)	(4)	(4)	(4)
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	3	2	2	12	41	15,887	17,133	43,086	74,356	165,370	91,014
20	Games and toys (except dolls and children's vehicles)	3	2	2	3	15	(4)	(4)	(4)	(4)	(4)	(4)
8	General commercial (job) printing	29	26	23	71	288	118,082	99,234	360,145	552,313	1,654,240	1,101,927
14	Gray-iron and semisteel castings	6	2	5	9	164	10,936	13,272	182,113	160,563	460,274	299,711
14	Hardware not elsewhere classified	13	8	22	168	2,271	304,500	388,538	2,682,868	3,782,915	10,149,959	6,367,044
6	Household furniture, except upholstered	27	16	40	244	2,447	242,562	406,108	2,501,159	2,673,414	7,709,918	5,036,504
1	Ice cream and ices	9	9	2	5	24	6,379	7,880	24,056	300,401	570,085	269,684
9	Insecticides, fungicides, and related industrial and household chemical compounds	4	--	--	5	13	87	(4)	(4)	(4)	(4)	(4)
8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	3	2	3	10	60	(4)	(4)	(4)	(4)	(4)	(4)
17	Machine-shop products, not elsewhere classified	7	8	3	10	41	12,000	13,356	57,658	103,047	250,621	147,57
17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	3	1	6	7	113	(4)	(4)	(4)	(4)	(4)	(4)
6	Mattresses and bedsprings	4	2	4	5	69	13,000	6,433	73,569	240,361	422,178	181,817
18	Motor vehicles, motor-vehicle bodies, parts and accessories	6	2	12	149	1,336	69,353	271,523	1,380,001	1,678,575	4,313,691	2,635,116
8	Newspapers: publishing and printing	9	10	2	131	234	11,764	231,106	404,262	510,888	2,574,240	2,063,352
1	Nonalcoholic beverages	4	2	2	3	19	7,403	4,298	17,321	163,636	348,644	185,008
6	Office furniture	8	1	12	94	668	73,469	174,470	776,423	1,254,284	3,164,266	1,909,982
9	Paints, varnishes, and lacquers	6	------	14	41	125	(4)	(4)	(4)	(4)	(4)	(4)
8	Periodicals: publishing and printing	3	--	4	22	132	(4)	(4)	(4)	(4)	(4)	(4)
8	Periodicals: publishing without printing	5	1	5	5	--	12,200	5,254	--	18,756	75,216	56,460
8	Photoengraving, not done in printing establishments (including preparation of plates)	6	3	8	10	29	24,800	23,167	49,777	23,702	180,285	156,583
5	Planing mills not operated in conjunction with sawmills	7	2	7	13	186	40,040	15,835	180,444	546,320	975,849	429,529
6	Public-building furniture	5	--	16	210	1,220	(4)	(4)	(4)	(4)	(4)	(4)
17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	4	--	4	152	1,500	(4)	(4)	(4)	(4)	(4)	(4)
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	8	9	4	9	96	33,720	16,387	106,798	1,202,773	1,610,214	407,441
15	Sheet-metal work not specifically classified	7	4	4	6	59	(4)	(4)	(4)	(4)	(4)	(4)
20	Signs, advertising displays, and advertising novelties	4	3	------	3	17	------	2,429	14,452	25,848	58,817	32,969
14	Stamped and pressed metal products (except automobile stampings)	3	4	1	4	22	2,600	4,558	25,159	31,563	73,476	41,913
6	Upholstered household furniture	22	31	9	42	495	41,168	58,153	561,859	1,416,673	2,665,275	1,248,602
6	Wood products not elsewhere classified	11	7	9	23	316	37,713	40,096	338,135	425,829	1,098,834	673,005
17	Woodworking machinery	6	1	9	37	176	(4)	(4)	(4)	(4)	(4)	(4)
	Other industries [5]	180	82	221	1,168	10,006	1,445,243	2,179,971	12,109,547	26,689,698	56,121,983	29,432,285
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	25	8	24	76	643	119,999	118,550	596,904	2,780,059	4,485,323	1,705,264
3	Textile-mill products and other fiber manufactures	7	2	15	98	1,182	133,450	176,761	1,052,354	1,886,345	4,269,588	2,383,243
4	Apparel and other finished products made from fabrics and similar materials	6	3	7	10	61	25,507	19,806	37,936	42,712	189,412	146,700
6	Furniture and finished lumber products	10	------	27	313	1,849	257,203	630,965	2,496,989	4,467,619	10,313,618	5,845,999
7	Paper and allied products	4	1	2	24	502	12,206	61,546	671,432	2,259,399	4,266,018	2,006,619
8	Printing, publishing, and allied industries	17	5	20	74	317	96,191	121,410	435,270	619,087	1,741,215	1,122,128
9	Chemicals and allied products	18	4	25	67	263	120,963	151,942	314,737	2,229,253	4,121,796	1,892,543
12	Leather and leather products	4	------	7	14	232	31,158	28,537	212,073	607,767	1,094,066	486,299
14	Iron and steel and their products, except machinery	10	4	16	106	1,213	178,937	178,452	1,439,742	2,006,902	5,448,249	3,441,347
15	Nonferrous metals and their products	16	18	8	21	207	45,136	23,284	242,593	723,492	1,299,326	575,834

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, EXCEPT FLINT, BY INDUSTRIES: 1939—Continued

Group	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
		GRAND RAPIDS—Continued										
17	Machinery (except electrical)	26	10	40	279	2,689	$321,980	$529,452	$3,741,436	$6,891,510	$14,463,656	$7,572,146
20	Miscellaneous industries	15	12	14	27	272	49,898	41,252	318,713	555,887	1,163,132	607,245
2	Tobacco manufactures	4	6	1	6	162						
13	Stone, clay, and glass products	11	6	6	18	174						
16	Electrical machinery	3	2	3	28	152						
							52,615	98,014	549,368	1,619,666	3,266,584	1,646,918
7	Lumber and timber basic products	1		2								
10	Products of petroleum and coal	1			1							
11	Rubber products	1	1		2	88						
19	Transportation equipment except automobiles	1		4	4							

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] Figures do not include data for personnel of central-administrative-offices.
[2] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.
[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[4] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[5] For numbers of establishments and of wage earners in individual industries, see table 12.
[6] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments.

[a], [b], and [c] To avoid disclosing exact or approximate data for individual establishments, the data for certain establishments located outside Detroit have been included in the figures for the industries to which these footnotes are indexed. Data for these establishments are not, however, included in the total for the city.
[a] 1 establishment. [b] 2 establishments. [c] 3 establishments.

TABLE 11.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939

COUNTY	Total	INDUSTRY GROUP 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
The State	6,311	1,798	28	50	153	242	378	128	908	269	38	20	45	240	546	217	83	668	209	33	258
Alcona	1	[6]																			
Alger	13	4				4	1	2	2												
Allegan	54	26		1		3	5	4	7	3			1	1				2	1		
Alpena	19	6			1	2	1	2	2					2				3			
Antrim	6	1				2			1	1					1						
Arenac	6	5							1												
Baraga	11	1				9			1												
Barry	16	6				1	2		4						1			2			
Bay	99	41	3	3	1	9	3		11		1			3	5	4	2	7	3	3	
Benzie	7	4				1			2												
Berrien	167	47		2	1	2	9	6	26			3	1	8	14	9	3	18	5	2	11
Branch	33	12				3	2		2				1	3	3	1	1	1	1		3
Calhoun	129	47			2	3	1	2	20	5	1			3	15	4	1	19	1		5
Cass	21	8				1			4						6				1		1
Charlevoix	7	3							2				1		1						
Cheboygan	8	2			1		2	1	2												
Chippewa	24	10		1		5	1		2	1			1	1	1			1			
Clare	8	4							2									1			1
Clinton	18	11				2			3		1[a]							1			
Crawford	6	2				2			1												1
Delta	47	17				11	4	2	4	1				2	2	1	1	2			
Dickinson	23	12				4			5	1									1		
Eaton	41	16		2	1	3	5		6	1				4	1		1	1			
Emmet	17	4				4	1		3				1	3				1			
Genesee	139	61		1	3	2	5		26	4	2			7	8	1	2	6	7		4
Gladwin	5	3							[6]									1			
Gogebic	35	14				14			7												
Grand Traverse	31	15				2	4	1	4				1	1				3			
Gratiot	29	14					1		3	1	5			1				1	2	1	
Hillsdale	32	10			2	1	3		4				1	1	2			2	1		5
Houghton	51	29				11			6	1					1	2				1	
Huron	32	23					2		5						1			1			
Ingham	129	34			1	3	4		31	4				6	15	1	2	15	9		4
Ionia	39	16		1	1	1	5	1	5					1	3	1		1	2		1
Iosco	4	2												2							
Iron	22	9				11			2												
Isabella	21	12							4	1	1				1			2			
Jackson	125	35			3		1	1	12	4	1	1		5	18	5	1	22	10	1	5
Kalamazoo	179	37		1	4	3	3	20	31	9	1		1	9	14	7	2	17	7	1	12
Kent	491	107	4	7	6	10	93	6	80	20	4	2	7	21	38	17	3	36	8	2	20
Keweenaw	2					1				1											
Lapeer	25	12		1		1			3	1					5	1			1		
Leelanau	2	1				1															
Lenawee	89	32	1	1	2	3	8	2	8	[6]		1	1	4	10	2	1	9	2		
Livingston	14	2		1			1		3					1	3		1	1			1

TABLE 11.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939—Continued

COUNTY	Total	INDUSTRY GROUP																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Luce	8	3				3			1	1											
Mackinac	8	2				5			1												
Macomb	62	20		1		3			6	3				9	6	1		6	3	1	3
Manistee	33	8			4	1	4	3	3	4			1		1			2		1	1
Marquette	46	20			1	13	1		5	2				2				2			
Mason	27	13			1		4		3				1		1	1		3			
Mecosta	16	6				1	3		1					1			1	2		1	
Menominee	42	22				5	2	2	2					2	1		1	5			
Midland	14	4					1		2	1	1			3		1		1			
Missaukee	3	2							1												
Monroe	50	16				1	2	13	7					1	4		1	2	1		2
Montcalm	24	11			1	1	1		2		2		1		1			3			1
Montmorency	1	1																			
Muskegon	125	37		2	1	2	7	4	10	3	2		3	4	16	5		21	1		7
Newaygo	14	7				1	1		3									1			1
Oakland	139	36				6	3	1	22	10	1	1		6	15	3	2	17	11		5
Oceana	21	13			1	1	4		2												
Ogemaw	4	3							1												
Ontonagon	19	4				12		2	1												
Osceola	9	2				3	1		2						1						
Oscoda	1	1																			
Otsego	3	2							1												
Ottawa	129	37		1	4	3	24		11	5		1	5	3	13	3	2	12	1	1	3
Presque Isle	5	1			2	1			1												
Roscommon	2					1			1												
Saginaw	159	57	1		4	8	6	1	19	6	1		1	9	10	3	1	18	10	2	2
St. Clair	72	22		2	1		1	3	13	6		1		1	6	3		6	1	3	3
St. Joseph	56	10		3	1		7	7	6	1					8	2	2	7			2
Sanilac	23	17							4							1			1		
Schoolcraft	16	5				7	1	2	1												
Shiawassee	47	19					5		7					3	4	2	1	5	1		
Tuscola	25	19							3						1				2		
Van Buren	54	23			1	1	5		8	1	2		1	1	3	1		3			4
Washtenaw	118	34		2		3	3	1	28	2				2	18	2	4	11	3		5
Wayne	2,633	554	19	15	102	23	123	39	379	163	12	9	15	103	266	132	47	364	110	13	145
Wexford	26	9		2		2	2		3			1		1	2	1		1	2		

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, DETROIT INDUSTRIAL AREA, DETROIT AND GRAND RAPIDS: 1939

[In order to avoid disclosing data for individual establishments, wage-earner figures for industries represented by fewer than three establishments are withheld]

Group No.[1]	TITLE	Number of establishments	Wage earners
	STATE OF MICHIGAN		
	Blended and prepared flour made from purchased flour	2	
	Cereal preparations	4	2,699
	Chewing gum	2	
	Corn sirup, corn sugar, corn oil, and starch	1	
	Cured fish	1	
	Custom slaughtering, wholesale	1	
	Liquors, rectified or blended	2	
	Malt	2	
	Oleomargarine—not made in meat-packing establishments	1	
	Salad dressings	2	
	Sausage casings—not made in meat-packing establishments	1	
	Special dairy products	2	
2	Tobacco (chewing and smoking) and snuff	3	308
3	Artificial leather and oilcloth	1	
	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	3	44
	Cloth sponging and miscellaneous special finishing	1	
	Cordage and twine	4	177
	Cotton narrow fabrics	2	
	Cotton thread	1	
	Felt goods, wool, hair, and jute (except woven felts and hat bodies and hats)	2	
	Hosiery—seamless	2	
	Linen goods	1	
	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	2	
4	Belts (apparel), regardless of material	1	
	Children's and infants' wear not elsewhere classified—made in inside factories or by job bersengagingc ontractors	3	183
	Children's coats—made in inside factories or by jobbers engaging contractors	1	
	Coats, suits, and skirts (except fur coats)—made in contract factories	2	
	Embroideries, other than Schiffli-machine products—made in regular factories or by jobbers engaging contractors	1	
	STATE OF MICHIGAN—Continued		
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	1	
	Millinery	3	56
	Miscellaneous fabricated textile products not elsewhere classified	8	596
	Raincoats and other waterproof garments (except oiled cotton)	1	
	Suspenders, garters, and other goods made from purchased elastic material	2	
	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories	1	
	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors	1	
	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	2	
	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	4	62
	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics	1	
	Women's, children's, and infants' underwear and nightwear of knitted fabrics	1	
6	Cigar boxes: wooden, part wooden	2	
	Cork products	1	
	Excelsior	2	
	Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets	2	
	Venetian blinds	7	960
	Window shades	11	189
7	Die-cut paper and paperboard, and converted cardboard	6	
	Pulp goods (pressed, molded)	2	
8	Gravure, rotogravure, and rotary photogravure (including preparation of plates)	1	
	Greeting cards (except hand-painted)	4	
9	Ammunition	1	
	Colors and pigments	2	
	Essential oils	1	
	Explosives	3	102

See footnote at end of table.

TABLE 12. INDUSTRIES IN "OTHER INDUSTRIES" GROUPS NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, DETROIT INDUSTRIAL AREA, DETROIT AND GRAND RAPIDS: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	STATE OF MICHIGAN—Continued		
9	Glue and gelatin	2	
	Perfumes, cosmetics, and other toilet preparations	6	68
	Plastic materials	1	
	Salt	6	1,053
	Soybean oil, cake, and meal	3	43
	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	2	
	Vegetable and animal oils, not elsewhere classified	1	
	Writing ink	1	
10	Fuel briquets	2	
	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	4	
	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	3	76
11	Tires and inner tubes	4	6,367
12	Boot and shoe cut stock and findings	2	
	Industrial leather belting and packing leather	8	517
	Leather gloves and mittens	1	
	Leather goods not elsewhere classified	3	32
	Leather: tanned, curried, and finished—contract factories	1	
	Small leather goods	1	
13	Asbestos products (except steam packing and pipe and boiler covering)	3	215
	Clay refractories, including refractory cement (clay)	1	
	Flat glass	1	
	Lime	4	50
	Minerals and earths, ground or otherwise treated	1	
	Natural graphite, ground and refined	1	
	Porcelain electrical supplies	1	
	Pottery products not elsewhere classified	3	41
	Sewer pipe and kindred products	1	
	Whiteware	1	
14	Blast-furnace products	4	870
	Cast-iron pipe and fittings	1	
	Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills	3	364
	Doors, window sash, frames, molding, and trim (made of metal)	7	1,232
	Enameling, japanning, and lacquering	6	305
	Files	1	
	Firearms	1	
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	1	
	Oil burners, domestic and industrial	2	
	Saws	4	45
	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	2	
	Steam and hot-water heating apparatus (including hot-water furnaces)	3	357
	Tin cans and other tinware not elsewhere classified	3	252
	Vitreous-enameled products, including kitchen, household, and hospital utensils	2	
15	Aluminum ware, kitchen, hospital, and household (except electrical appliances)	1	
	Clocks, watches, and materials and parts (except watchcases)	2	
	Engraving on metal (except for printing purposes)	3	49
	Lapidary work	1	
	Primary smelting and refining of nonferrous metals	2	
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	6	102
	Watchcases	1	
16	Automotive electrical equipment	7	826
	Carbon products for the electrical industry, and manufactures of carbon or artificial graphite	2	
	Communication equipment	2	
	Electrical measuring instruments	2	
	Insulated wire and cable	1	
	Wiring devices and supplies	2	
17	Commercial laundry, dry-cleaning, and pressing machinery	2	
	Laundry equipment, domestic	3	493
	Measuring and dispensing pumps	1	
	Mining machinery and equipment	2	
	Office and store machines not elsewhere classified	5	4,229
	Oil-field machinery and tools	1	
	Paper-mill, pulp-mill, and paper-products machinery	2	
	Scales and balances	2	
	Textile machinery	1	
	Tractors	1	
	Vending, amusement, and other coin-operated machines	3	23
19	Cars and car equipment—railroad, street, and rapid-transit	2	
	Motorcycles, bicycles, and parts	2	
	Transportation equipment not elsewhere classified	1	
	STATE OF MICHIGAN—Continued		
20	Artists' materials	1	
	Beauty-shop and barber-shop equipment	2	
	Buttons	4	239
	Carbon paper and inked ribbons	2	
	Children's vehicles	2	
	Dental equipment and supplies	5	110
	Fabricated plastic products, not elsewhere classified	8	672
	Feathers, plumes, and artificial flowers	3	70
	Fire extinguishers, chemical	4	63
	Furs, dressed and dyed	2	
	Lamp shades	2	
	Photographic apparatus and materials and projection equipment (except lenses)	6	234
	Pianos	3	481
	Soda fountains, beer dispensing equipment, and related products	4	344
	Surgical and medical instruments	2	
	Wool pulling	1	
	DETROIT INDUSTRIAL AREA		
1	Biscuit, crackers, and pretzels	4	323
	Cheese	1	
	Condensed and evaporated milk	1	
	Creamery butter	5	38
	Custom slaughtering, wholesale	1	
	Flour and other grain-mill products	2	
	Liquors, rectified or blended	2	
	Macaroni, spaghetti, vermicelli, and noodles	4	
	Malt	2	
	Oleomargarine—not made in meat-packing establishments	1	
	Pickled fruits and vegetables and vegetable sauces and seasonings	7	96
	Poultry dressing and packing, wholesale	1	
	Preserves, jams, jellies, and fruit butters	2	
	Salad dressings	1	
	Sausage casings—not made in meat-packing establishments	1	
	Special dairy products	2	
2	Tobacco (chewing and smoking) and snuff	3	308
3	Artificial leather and oilcloth	1	
	Batting, padding, and wadding; upholstery filling	7	
	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	1	
	Cloth sponging and miscellaneous special finishing	1	
	Cotton narrow fabrics	1	
	Cotton thread	1	
	Felt goods, wool, hair, and jute (except woven felts and hat bodies and hats)	1	
	Hosiery—seamless	1	
	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	1	
4	Belts (apparel), regardless of material	1	
	Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors	1	
	Coats, suits, and skirts (except fur coats)—made in contract factories	1	
	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	3	
	Corsets and allied garments	1	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	5	321
	Men's and boys' hats and caps (except felt and straw)	7	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	1	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	4	
	Millinery	2	
	Miscellaneous fabricated textile products not elsewhere classified	6	
	Raincoats and other waterproof garments (except oiled cotton)	1	
	Suspenders, garters, and other goods made from purchased elastic material	1	
	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	3	
	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors	1	
	Women's and misses' dresses (except house dresses) made in inside factories or by jobbers engaging contractors	4	62
	Work gloves and mittens: cloth, cloth and leather combined	6	
5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	1	

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, DETROIT INDUSTRIAL AREA, DETROIT AND GRAND RAPIDS: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	DETROIT INDUSTRIAL AREA—Continued		
6	Cigar boxes: wooden, part wooden	1	
	Cooperage	4	78
	Cork products	1	
	Office furniture	2	
	Public-building furniture	1	
	Venetian blinds	2	
	Wood preserving	1	
7	Die-cut paper and paperboard, and converted cardboard	4	
	Envelopes	4	
	Fiber cans, tubes, and similar products	5	
	Pulp goods (pressed, molded)	1	
	Pulp mills	1	
8	Books: publishing and printing	1	
	Gravure, rotogravure, and rotary photogravure (including preparation of plates)	1	
	Greeting cards (except hand-painted)	3	
9	Ammunition	1	
	Chemicals not elsewhere classified	17	2,581
	Cleaning and polishing preparations, blackings, and dressings	25	226
	Colors and pigments	1	
	Drugs and medicines (including drug grinding)	22	1,871
	Fertilizers	1	
	Glue and gelatin	2	
	Grease and tallow (except lubricating greases)	4	
	Lubricating oils and greases—not made in petroleum refineries	6	92
	Perfumes, cosmetics, and other toilet preparations	5	
	Plastic materials	1	
	Printing ink	5	
	Soap and glycerin	5	
	Soybean oil, cake, and meal	1	
	Vegetable and animal oils, not elsewhere classified	1	
	Writing ink	1	
10	Fuel briquets	1	
	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	1	
	Petroleum refining	3	260
	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	3	76
11	Tires and inner tubes	2	
12	Industrial leather belting and packing leather	6	
	Leather goods not elsewhere classified	2	
	Saddlery, harness, and whips	2	
13	Abrasive wheels, stones, paper, cloth, and related products	7	
	Asbestos products (except steam packing and pipe and boiler covering)	3	215
	Clay products (except pottery) not elsewhere classified	1	
	Clay refractories, including refractory cement (clay)	1	
	Flat glass	1	
	Gypsum products	2	
	Lime	1	
	Mineral wool	3	
	Natural graphite, ground and refined	1	
	Porcelain electrical supplies	1	
	Pottery products not elsewhere classified	1	
	Sand-lime brick, block and tile	1	
	Steam and other packing; pipe and boiler covering	7	
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	4	
14	Blast-furnace products	2	
	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	12	722
	Cast-iron pipe and fittings	1	
	Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills	3	364
	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	2	
	Doors, window sash, frames, molding, and trim (made of metal)	5	
	Enameling, japanning, and lacquering	5	
	Files	1	
	Firearms	1	
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	1	
	Heating and cooking apparatus, except electric, not elsewhere classified	3	44
	Malleable-iron castings	2	
	Oil burners, domestic and industrial	2	
	Saws	3	
	DETROIT INDUSTRIAL AREA—Continued		
14	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	2	
	Steam and hot-water heating apparatus (including hot-water furnaces)	1	
	Steam fittings, regardless of material	5	
	Steel works and rolling mills	6	
	Tin cans and other tinware not elsewhere classified	2	
	Vitreous-enameled products, including kitchen, household, and hospital utensils	1	
	Wire drawn from purchased rods	2	
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	13	2,874
	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	9	1,801
	Clocks, watches, and materials and parts (except watchcases)	1	
	Engraving on metal (except for printing purposes)	3	49
	Jewelry (precious metals)	9	
	Lapidary work	1	
	Nonferrous-metal products not elsewhere classified	28	2,785
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	5	
16	Automotive electrical equipment	3	36
	Batteries, storage and primary (dry and wet)	5	
	Carbon products for the electrical industry, and manufactures of carbon or artificial graphite	1	
	Communication equipment	2	
	Electrical products not elsewhere classified	8	
	Insulated wire and cable	1	
	Radios, radio tubes, and phonographs	1	
	Wiring devices and supplies	1	
	X-ray and therapeutic apparatus and electronic tubes	1	
17	Blowers; exhaust and ventilating fans	8	467
	Cars and trucks, industrial	1	
	Commercial laundry, dry-cleaning, and pressing machinery	1	
	Construction and similar machinery (except mining and oil-field machinery and tools)	4	408
	Food-products machinery	1	
	Industrial machinery, not elsewhere classified	7	429
	Internal-combustion engines	4	529
	Laundry equipment, domestic	2	
	Mechanical power-transmission equipment	11	1,018
	Metalworking machinery and equipment, not elsewhere classified	10	481
	Office and store machines not elsewhere classified	3	
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	7	1,448
	Scales and balances	2	
	Special-industry machinery, not elsewhere classified	2	
	Stokers, mechanical, domestic and industrial	1	
	Vending, amusement, and other coin-operated machines	3	23
18	Automobile trailers (for attachment to passenger cars)	6	87
19	Aircraft and parts, including aircraft engines	6	778
	Boat building and boat repairing	2	
	Cars and car equipment—railroad, street, and rapid-transit	2	
	Shipbuilding and ship repairing	3	208
20	Artists' materials	1	
	Beauty-shop and barber-shop equipment	2	
	Brooms	4	25
	Buttons	2	
20	Carbon paper and inked ribbons	2	
	Dental equipment and supplies	5	110
	Fabricated plastic products, not elsewhere classified	4	527
	Feathers, plumes, and artificial flowers	1	
	Fire extinguishers, chemical	1	
	Furs, dressed and dyed	1	
	Hand stamps, stencils, and brands	8	36
	Lamp shades	1	
	Musical instruments, parts, and materials not elsewhere classified	4	20
	Photographic apparatus and materials and projection equipment (except lenses)	3	19
	Pianos	1	
	Professional and scientific instruments (except surgical and dental)	3	
	Soda fountains, beer dispensing equipment, and related products	2	
	Sporting and athletic goods not elsewhere classified	1	
	Surgical and medical instruments	1	
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	6	
	Wool pulling	1	

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, DETROIT INDUSTRIAL AREA, DETROIT AND GRAND RAPIDS: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	CITY OF DETROIT		
1	Biscuit, crackers, and pretzels	4	323
	Candy and other confectionery products	12	
	Canned and dried fruits and vegetables (including canned soups)	2	
	Condensed and evaporated milk	1	
	Creamery butter	2	
	Custom slaughtering, wholesale	1	
	Flavoring extracts and flavoring sirups, not elsewhere classified	7	
	Flour and other grain-mill products	2	
	Liquors, rectified or blended	2	
	Macaroni, spaghetti, vermicelli, and noodles	4	
	Malt	2	
	Oleomargarine—not made in meat-packing establishments	1	
	Pickled fruits and vegetables and vegetable sauces and seasonings	6	
	Poultry dressing and packing, wholesale	1	
	Prepared feeds (including mineral) for animals and fowls	1	
	Preserves, jams, jellies, and fruit butters	2	
	Salad dressings	1	
	Sausage casings—not made in meat-packing establishments	1	
	Special dairy products	2	
	Wines	3	
2	Tobacco (chewing and smoking) and snuff	3	308
3	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	1	
	Cloth sponging and miscellaneous special finishing	1	
	Cotton narrow fabrics	1	
	Cotton thread	1	
	Felt goods, wool, hair, and jute (except woven felts and hat bodies and hats)	1	
	Hosiery—seamless	1	
	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	1	
4	Belts (apparel), regardless of material	1	
	Canvas products (except bags)	8	
	Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors	1	
	Coats, suits, and skirts (except fur coats)—made in contract factories	1	
	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	3	
	Corsets and allied garments	1	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	5	321
	Men's and boys' hats and caps (except felt and straw)	7	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	1	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	4	
	Millinery	2	
	Miscellaneous fabricated textile products not elsewhere classified	6	
	Raincoats and other waterproof garments (except oiled cotton)	1	
	Suspenders, garters, and other goods made from purchased elastic material	1	
	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	3	
	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors	1	
	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	4	62
	Work gloves and mittens: cloth, cloth and leather combined	5	
6	Caskets, coffins, burial cases, and other morticians' goods	9	
	Cigar boxes: wooden, part wooden	1	
	Cooperage	2	
	Cork products	1	
	Household furniture, except upholstered	9	
	Office furniture	2	
	Public-building furniture	1	
	Venetian blinds	1	
	Wood preserving	1	
7	Die-cut paper and paperboard, and converted cardboard	3	32
	Envelopes	4	
	Fiber cans, tubes, and similar products	5	
	Paper and paperboard mills	1	
	Paperboard containers and boxes not elsewhere classified	10	
	Pulp goods (pressed, molded)	1	
	Pulp mills	1	
	CITY OF DETROIT—Continued		
8	Books: publishing and printing	1	
	Books: publishing without printing	6	
	Gravure, rotogravure, and rotary photogravure (including preparation of plates)	1	
	Greeting cards (except hand-painted)	3	
	Periodicals: publishing and printing	7	97
9	Chemicals not elsewhere classified	8	803
	Cleaning and polishing preparations, blackings, and dressings	23	
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	6	94
	Drugs and medicines (including drug grinding)	21	
	Fertilizers	1	
	Glue and gelatin	2	
	Lubricating oils and greases—not made in petroleum refineries	4	
	Perfumes, cosmetics, and other toilet preparations	5	
	Printing ink	3	
	Soap and glycerin	5	
	Writing ink	1	
10	Oven coke and coke-oven byproducts	1	
	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	1	
	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	2	
11	Rubber products not elsewhere classified	7	
	Tires and inner tubes	1	
12	Industrial leather belting and packing leather	6	
	Leather goods not elsewhere classified	2	
	Saddlery, harness, and whips	2	
	Suitcases, brief cases, bags, trunks, and other luggage	3	125
13	Abrasive wheels, stones, paper, cloth, and related products	6	192
	Asbestos products (except steam packing and pipe and boiler covering)	3	115
	Cement	1	
	Clay refractories, including refractory cement (clay)	1	
	Lime	1	
	Mineral wool	3	
	Natural graphite, ground and refined	1	
	Pottery products not elsewhere classified	1	
	Steam and other packing; pipe and boiler covering	6	716
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	4	
14	Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills	1	
	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	2	
	Doors, window sash, frames, molding, and trim (made of metal)	4	687
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semi-vitreous china sanitary ware)	5	
	Enameling, japanning, and lacquering	5	
	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	25	856
	Files	1	
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	1	
	Hardware not elsewhere classified	8	
	Heating and cooking apparatus, except electric, not elsewhere classified	3	44
	Malleable-iron castings	1	
	Oil burners, domestic and industrial	2	
	Saws	3	
	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	2	
	Steam and hot-water heating apparatus (including hot-water furnaces)	1	
	Steam fittings, regardless of material	5	
	Steel castings	3	
	Steel works and rolling mills	1	
	Tin cans and other tinware not elsewhere classified	2	
	Vitreous-enameled products, including kitchen, household, and hospital utensils	1	
	Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills	2	
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	10	2,432
	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	9	1,801
	Clocks, watches, and materials and parts (except watchcases)	1	
	Electroplating, plating, and polishing	22	
	Engraving on metal (except for printing purposes)	2	
	Jewelry (precious metals)	9	

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, DETROIT INDUSTRIAL AREA, DETROIT AND GRAND RAPIDS: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	CITY OF DETROIT—Continued		
15	Lapidary work	1	
	Lighting fixtures	5	
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	5	
16	Automotive electrical equipment	3	36
	Batteries, storage and primary (dry and wet)	5	
	Carbon products for the electrical industry, and manufactures of carbon or artificial graphite	1	
	Communication equipment	2	
	Electrical products not elsewhere classified	7	174
	Insulated wire and cable	1	
	Radios, radio tubes, and phonographs	1	
	Wiring devices and supplies	1	
	X-ray and therapeutic apparatus and electronic tubes	1	
17	Blowers; exhaust and ventilating fans	6	
	Cars and trucks, industrial	1	
	Commercial laundry, dry-cleaning, and pressing machinery	1	
	Construction and similar machinery (except mining and oil-field machinery and tools)	4	408
	Elevators, escalators, and conveyors	9	
	Food-products machinery	1	
	Industrial machinery, not elsewhere classified	7	429
	Internal-combustion engines	4	530
	Laundry equipment, domestic	2	
	Machine-shop repairs	21	
	Machine tools	6	
	Mechanical power-transmission equipment	11	1,018
	Metalworking machinery and equipment, not elsewhere classified	9	
	Office and store machines not elsewhere classified	3	
	Pumping equipment and air compressors	5	
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	7	1,448
	Scales and balances	2	
	Special-industry machinery, not elsewhere classified	2	
	Stokers, mechanical, domestic and industrial	1	
	Vending, amusement, and other coin-operated machines	3	23
18	Automobile trailers (for attachment to passenger cars)	2	
19	Aircraft and parts, including aircraft engines	4	
	Cars and car equipment—railroad, street, and rapid-transit	1	
	Shipbuilding and ship repairing	2	
20	Artists' materials	1	
	Beauty-shop and barber-shop equipment	2	
	Brooms	3	
	Buttons	2	
	Carbon paper and inked ribbons	1	
	Dental equipment and supplies	5	110
	Fabricated plastic products, not elsewhere classified	2	
	Feathers, plumes, and artificial flowers	1	
	Fire extinguishers, chemical	1	
	Furs, dressed and dyed	1	
	Games and toys (except dolls and children's vehicles)	9	215
	Hand stamps, stencils, and brands	8	37
	Lamp shades	1	
	Musical instruments, parts, and materials not elsewhere classified	4	20
	Photographic apparatus and materials and projection equipment (except lenses)	3	19
	Professional and scientific instruments (except surgical and dental)	3	
	Signs, advertising displays, and advertising novelties	28	
	Soda fountains, beer dispensing equipment, and related products	2	
	Sporting and athletic goods not elsewhere classified	1	
	Surgical and medical instruments	1	
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	5	
	Wool pulling	1	
	CITY OF GRAND RAPIDS		
1	Biscuit, crackers, and pretzels	4	359
	Candy and other confectionery products	5	150
	Condensed and evaporated milk	2	
	Creamery butter	3	40
	Flavoring extracts and flavoring sirups, not elsewhere classified	2	
	Flour and other grain-mill products	2	
	Food preparations, not elsewhere classified	2	
	Ice, manufactured	2	
	Malt liquors	2	
	Prepared feeds (including mineral) for animals and fowls	1	
2	Cigars	4	162
	CITY OF GRAND RAPIDS—Continued		
3	Batting, padding, and wadding; upholstery filling	1	
	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	1	
	Cordage and twine	1	
	Knitted cloth	1	
	Knitted underwear	2	
	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	1	
4	Canvas products (except bags)	1	
	Embroideries, other than Schiffli-machine products—made in regular factories or by jobbers engaging contractors	1	
	Fur coats and other fur garments, accessories, and trimmings	2	
	Men's and boys' hats and caps (except felt and straw)	1	
	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories	1	
5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	1	
6	Excelsior	1	
	Partitions, shelving, cabinet work, and office and store fixtures	2	
	Public-building furniture	5	1,220
	Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets	1	
	Wood preserving	1	
7	Die-cut paper and paperboard, and converted cardboard	1	
	Paper and paperboard mills	1	
	Paperboard containers and boxes not elsewhere classified	2	
8	Bookbinding and related industries	2	
	Books: publishing without printing	3	
	Electrotyping and stereotyping, not done in printing establishments	1	
	Engraving (steel, copperplate, and wood); plate printing	3	
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	3	60
	Machine and hand typesetting (including advertisement typesetting)	1	
	Newspapers: publishing without printing	1	
	Periodicals: publishing and printing	3	132
9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	4	22
	Drugs and medicines (including drug grinding)	3	27
	Insecticides, fungicides, and related industrial and household chemical compounds	4	87
	Paints, varnishes, and lacquers	6	125
	Perfumes, cosmetics, and other toilet preparations	1	
10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	1	
11	Rubber products not elsewhere classified	1	
12	Footwear (except rubber)	1	
	Industrial leather belting and packing leather	1	
	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	2	
13	Concrete products	8	94
	Mirrors and other glass products made of purchased glass	2	
	Sand-lime brick, block and tile	1	
14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	1	
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semi-vitreous china sanitary ware)	2	
	Enameling, japanning, and lacquering	1	
	Forgings, iron and steel—made in plants not operated in connection with rolling mills	1	
	Power boilers and associated products	1	
	Saws	1	
	Screw-machine products and wood screws	1	
	Wirework not elsewhere classified	2	
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	1	
	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	1	
	Electroplating, plating, and polishing	3	98
	Jewelry (precious metals)	1	
	Nonferrous-metal foundries (except aluminum)	2	

See footnote at end of table.

TABLE 12. INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, DETROIT INDUSTRIAL AREA, DETROIT AND GRAND RAPIDS: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	CITY OF GRAND RAPIDS—Continued		
15	Nonferrous-metal products not elsewhere classified	1	
	Sheet-metal work not specifically classified	7	59
16	Electrical appliances	1	
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	1	
	Radios, radio tubes, and phonographs	1	
17	Blowers, exhaust and ventilating fans	1	
	Cars and trucks, industrial	2	
	Food-products machinery	1	
	Industrial machinery, not elsewhere classified	2	
	Machine-shop repairs	2	
	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	3	113
	Machine tools	1	
	Office and store machines not elsewhere classified	1	
	Pumping equipment and air compressors	2	
17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	4	1,500
	Textile machinery	1	
	Woodworking machinery	6	176
19	Boat building and boat repairing	1	
20	Brooms	1	
	Brushes	1	
	Fire extinguishers, chemical	2	
	Games and toys (except dolls and children's vehicles)	3	15
	Hand stamps, stencils, and brands	1	
	Miscellaneous fabricated products not elsewhere classified	2	
	Models and patterns (except paper patterns)	2	
	Musical instruments, parts, and materials not elsewhere classified	1	
	Sporting and athletic goods not elsewhere classified	2	

[1] For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and of industry groups, sec. 27.

TABLE 13. INDUSTRIES BY INDUSTRY GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS FOR THE CITY OF FLINT: 1939

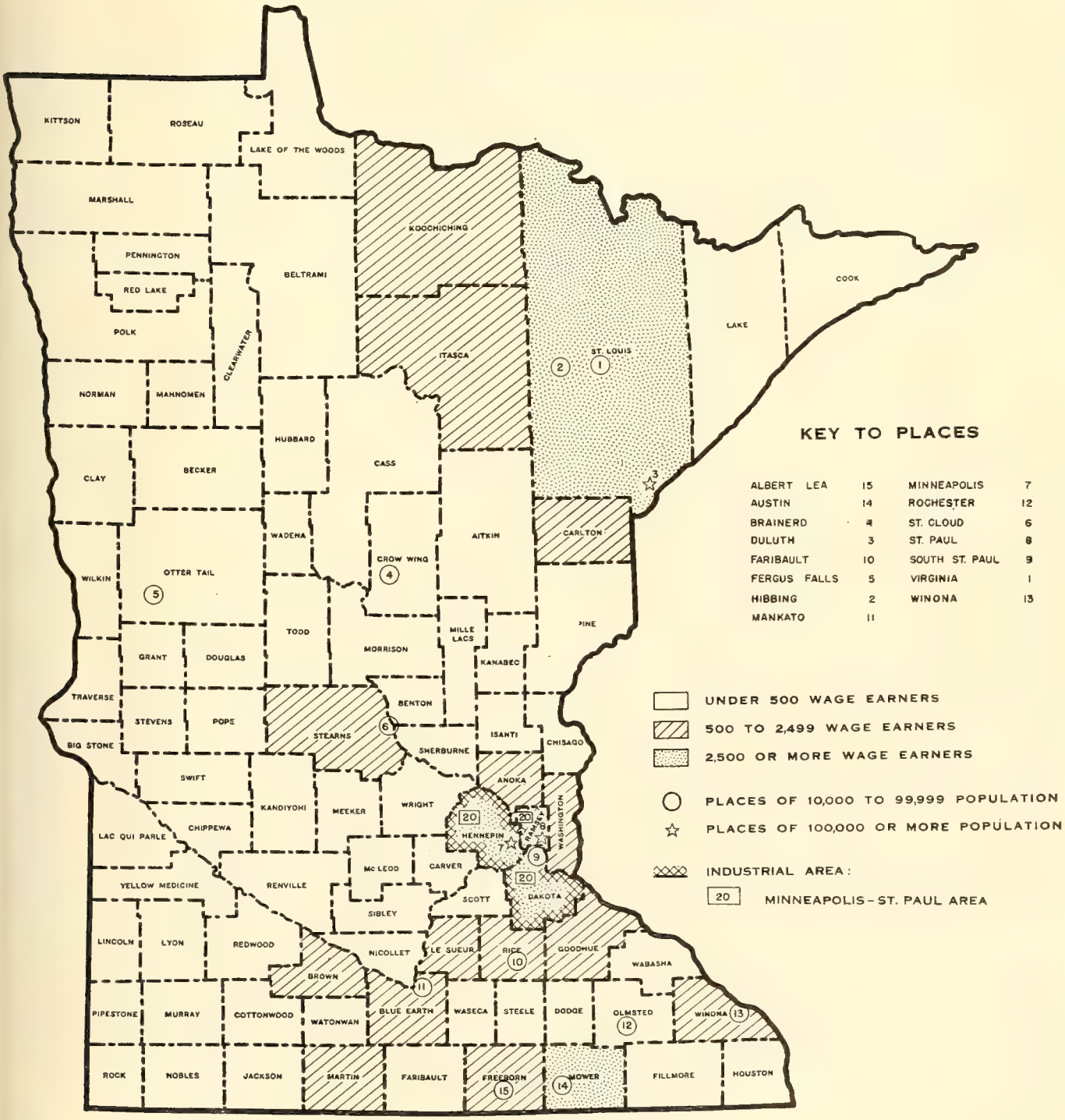
[In order to avoid disclosing data for individual establishments, wage-earner figures for industries represented by fewer than three establishments are withheld]

Group No.[1]	TITLE	Number of establishments	Wage earners
	CITY OF FLINT		
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	23	373
	Candy and other confectionery products	1	
	Condensed and evaporated milk	1	
	Creamery butter	2	
	Flour and other grain-mill products	1	
	Ice cream and ices	5	23
	Ice, manufactured	4	11
	Malt liquors	2	
	Meat packing, wholesale	1	
	Nonalcoholic beverages	6	41
	Poultry dressing and packing, wholesale	1	
	Sausages, prepared meats, and other meat products not made in meat-packing establishments	2	
3	Batting, padding, and wadding; upholstery filling	1	
4	Canvas products (except bags)	1	
	Men's neckwear—made in inside factories or by jobbers engaging contractors	1	
	Miscellaneous fabricated textile products not elsewhere classified	1	
5	Planing mills not operated in conjunction with sawmills	1	
6	Mattresses and bedsprings	2	
	Venetian blinds	1	
	Window shades	1	
	Wood preserving	1	
8	General commercial job printing	14	109
	Machine and hand typesetting (including advertisement typesetting)	1	
	Newspapers: publishing and printing	3	121
	Periodicals: publishing and printing	1	
	CITY OF FLINT—Continued		
8	Photoengraving, not done in printing establishments (including preparation of plates)	2	
9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	1	
	Paints, varnishes, and lacquers	3	195
10	Fuel briquets	1	
	Oven coke and coke-oven byproducts	1	
13	Concrete products	1	
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	1	
	Sand-lime brick, block and tile	1	
14	Fabricated structural steel and ornamental metalwork, made in plants not operated in connection with rolling mills	3	31
	Gray-iron and semisteel castings	1	
	Stamped and pressed metal products (except automobile stampings)	1	
16	Automotive electrical equipment	1	
	Batteries, storage and primary (dry and wet)	1	
17	Machine-shop products, not elsewhere classified	1	
	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	2	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	6	31,171
20	Models and patterns (except paper patterns)	1	
	Signs, advertising displays, and advertising novelties	2	
	Sporting and athletic goods not elsewhere classified	1	

[1] For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and of industry groups, sec. 27.

MINNESOTA

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939



Prepared by the Bureau of the Census, Department of Commerce

MINNESOTA

Table 1.—SUMMARY FOR THE STATE: 1939, 1937, AND 1929

CENSUS YEAR	Number of establishments	Proprietors and firm members	Number of persons employed in manufacturing [1]	Salaries and wages [1]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2]	Value of products [2]	Value added by manufacture [3]
1939	4,008	3,162	92,084	$125,442,031	$535,143,118	$845,771,514	$310,628,396
1937	3,718	2,085	107,349	143,315,950	624,564,846	937,462,797	312,897,951
1929	4,206	2,176	109,926	157,197,359	742,558,155	1,120,375,334	377,817,179

[1] Figure for 1939 does not include data for employees of manufacturing establishments (except salaried officers of corporations) who were engaged in distribution, construction, and other nonmanufacturing work. For detail, see table 8. It is not known to what extent data for such nonmanufacturing employees were included in figures reported for earlier years. See General Explanations—Persons engaged—general classification.

[2] The aggregates for cost of materials, etc., and value of products include large amounts of duplication due to the use of the products of some industries as materials by others. See General Explanations—Duplication in cost of materials and value of products.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See General Explanations—Value added by manufacture.

Table 2.—SUMMARY FOR MINNEAPOLIS-ST. PAUL INDUSTRIAL AREA, COUNTIES, AND PLACES: 1939

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [1]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2,3]	Value of products [2,3]	Value added by manufacture [4]
The State	2,792,300	[5] 4,008	79,753	$96,886,925	$535,143,118	$845,771,514	$310,628,396
Minneapolis-St. Paul Industrial Area [6]	918,494	1,744	48,607	62,458,329	278,751,056	480,271,715	201,520,659
COUNTIES [5]							
Aitkin	17,865	17	105	78,875	661,189	820,486	159,297
Anoka	22,443	24	669	801,107	2,961,428	6,110,083	3,148,655
Becker	26,562	21	92	84,744	1,008,252	1,249,384	241,132
Beltrami	26,107	26	289	243,550	1,208,313	1,839,201	630,888
Benton	16,106	29	471	551,624	2,614,439	3,890,556	1,276,117
Big Stone	10,447	9	26	32,803	332,653	427,249	94,596
Blue Earth	36,203	60	536	542,902	4,620,078	7,069,077	2,448,999
Brown	25,544	48	713	600,620	5,267,210	7,757,083	2,489,873
Carlton	24,212	31	1,808	2,063,450	6,129,664	13,298,632	7,168,968
Carver	17,606	28	301	269,611	2,719,577	3,484,259	764,682
Cass	20,646	22	163	114,717	474,489	712,021	237,532
Chippewa	16,927	17	114	105,319	1,435,980	1,800,533	364,553
Chisago	13,124	28	144	145,698	2,975,106	3,424,724	449,618
Clay	25,337	19	134	138,703	1,979,802	2,550,077	570,275
Clearwater	11,153	11	49	37,890	371,325	449,670	78,345
Cook [7]	3,030	13	228				
Cottonwood	16,143	15	38	35,558	333,984	423,291	89,307
Crow Wing	30,226	28	464	424,448	2,370,820	3,350,755	979,935
Dakota	39,660	26	4,493	6,498,068	80,810,878	94,870,331	14,059,453
Dodge	12,931	19	67	53,484	1,074,653	1,239,820	165,167
Douglas	20,369	29	94	93,993	1,464,809	1,779,872	315,063
Faribault	23,941	31	452	232,327	2,298,276	3,281,091	982,815
Fillmore	25,830	32	139	90,675	1,766,725	2,052,103	285,378
Freeborn	31,780	46	1,249	1,587,127	16,283,043	19,537,800	3,254,757
Goodhue	31,564	65	1,362	1,417,511	9,164,588	12,590,748	3,426,160
Grant	9,828	10	22	22,343	605,051	682,605	77,554
Hennepin	568,899	1,143	26,957	34,390,127	120,131,192	229,137,565	109,006,373
Houston	14,735	18	37	32,778	659,756	787,597	127,841
Hubbard	11,085	10	22	16,850	262,795	337,836	75,041
Isanti	12,950	18	74	68,554	812,588	1,033,123	220,535
Itasca	32,996	42	653	636,674	2,284,529	3,763,139	1,478,610
Jackson	16,805	17	53	49,180	591,488	723,879	132,391
Kanabec	9,651	10	32	36,503	540,472	632,771	92,299
Kandiyohi	26,524	26	120	114,178	1,192,498	1,661,992	469,494
Kittson	10,717	7	19	14,274	265,917	324,909	58,992
Koochiching [7]	16,930	21	1,577				
Lac qui Parle	15,509	13	27	26,065	362,388	455,464	93,076
Lake	6,956	10	127	111,275	57,097	266,183	209,086
Lake of the Woods	5,975	7	16	11,208	91,145	130,331	39,186
Le Sueur	19,227	23	780	481,501	4,463,044	7,010,171	2,547,127
Lincoln	10,797	12	42	37,767	544,598	637,683	93,085
Lyon	21,569	21	139	114,621	1,496,774	1,921,892	425,118
McLeod	21,380	32	183	163,393	2,359,310	3,254,243	894,933
Mahnomen	8,054	6	26	21,063	260,306	320,468	60,162
Marshall	18,364	13	28	30,122	520,474	607,437	86,963
Martin	24,656	31	664	481,757	2,515,448	3,963,271	1,447,823
Meeker	19,277	33	167	121,201	2,042,071	2,457,029	414,958
Mille Lacs	15,558	17	46	45,867	962,978	1,108,236	145,258
Morrison	27,473	33	129	128,818	1,777,977	2,247,040	469,063
Mower [7]	36,113	36	3,116				

See footnotes at end of table.

TABLE 2.—SUMMARY FOR MINNEAPOLIS-ST. PAUL INDUSTRIAL AREA, COUNTIES, AND PLACES: 1939—Con.

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
COUNTIES [5]—continued							
Murray	15,060	8	19	$20,152	$270,234	$349,528	$79,294
Nicollet	18,282	20	109	105,709	1,067,896	1,484,973	417,077
Nobles [7]	21,215	13	200				
Norman	14,746	13	29	30,037	615,606	695,382	79,776
Olmsted	42,658	36	385	446,053	2,565,007	4,082,936	1,517,929
Otter Tail	53,192	45	293	264,085	3,057,608	3,887,055	829,447
Pennington	12,913	19	99	96,373	728,127	1,003,665	275,538
Pine	21,478	27	76	72,361	1,171,604	1,432,480	260,876
Pipestone	13,794	19	113	96,266	1,092,430	1,443,835	351,405
Polk	37,734	36	263	315,128	4,014,291	5,307,029	1,292,738
Pope	13,544	18	61	53,608	616,355	789,684	173,329
Ramsey	309,935	575	17,158	21,570,134	77,808,986	156,263,819	78,454,833
Red Lake	7,413	11	62	46,092	366,388	501,909	135,521
Redwood	22,290	20	58	59,869	847,459	1,066,195	218,736
Renville	24,625	24	62	56,873	1,019,361	1,208,612	189,251
Rice	32,160	47	760	660,223	5,450,346	7,780,704	2,330,358
Rock	10,933	8	32	32,452	564,014	694,147	130,133
Roseau	15,103	17	45	42,564	538,334	659,978	121,644
St. Louis	206,917	223	4,580	6,156,273	22,804,358	40,905,160	18,100,802
Scott	15,585	21	147	148,917	1,862,961	3,136,713	1,273,752
Sherburne	10,456	9	48	43,863	470,644	609,915	139,271
Sibley	16,625	17	155	68,834	1,313,263	1,665,573	352,310
Stearns	67,200	102	1,146	1,329,702	5,767,599	9,691,949	3,924,350
Steele	19,749	46	381	441,939	2,613,331	4,148,920	1,535,589
Stevens	11,039	12	32	25,017	334,700	432,550	97,850
Swift	15,469	16	110	102,210	1,965,374	2,395,575	430,201
Todd	27,438	25	198	177,537	1,908,481	2,312,547	404,066
Traverse	8,283	5	12	11,179	160,750	197,209	36,459
Wabasha	17,653	24	255	255,365	3,985,033	4,992,656	1,007,623
Wadena	12,772	22	85	66,772	1,144,262	1,391,084	246,822
Waseca	15,186	25	138	117,991	1,382,364	1,767,671	385,307
Washington [7]	26,430	36	1,610				
Watonwan	13,902	21	114	90,210	1,137,966	1,365,478	227,512
Wilkin	10,475	7	28	22,572	490,696	588,384	97,688
Winona	37,795	77	1,266	1,425,243	11,702,711	17,569,335	5,866,624
Wright	27,550	46	318	196,372	2,327,454	3,122,757	795,303
Yellow Medicine	16,917	15	49	46,841	532,500	654,452	121,952
Undistributed [8]		119	6,731	8,791,186	76,317,448	102,697,945	26,380,497
PLACES HAVING 10,000 OR MORE INHABITANTS							
Albert Lea [9]	12,200	19	419				
Austin [9]	18,307	20	3,030				
Brainerd	12,071	18	324	383,949	2,161,589	3,069,383	907,794
Duluth	101,065	159	4,059	5,695,467	21,198,323	37,994,710	16,796,387
Faribault	14,527	29	633	508,923	3,495,688	5,162,048	1,666,360
Fergus Falls [9]	10,848	15	168				
Hibbing	16,385	17	59	72,834	259,191	572,452	313,261
Mankato	15,654	38	487	496,921	3,734,618	6,064,342	2,329,724
Minneapolis	492,370	1,094	26,109	33,297,068	116,807,453	221,183,830	104,376,377
Rochester	26,312	21	234	267,423	1,258,339	2,276,066	1,017,727
St. Cloud	24,173	54	750	860,504	1,900,613	4,313,918	2,413,305
St. Paul	287,736	551	16,445	20,818,230	75,839,936	152,002,686	76,162,750
South St. Paul [9]	11,844	12	3,949				
Virginia	12,264	16	105	114,049	415,142	856,578	441,436
Winona	22,490	54	1,209	1,367,409	10,811,288	16,522,691	5,711,403

[1] Not including salaried officers and employees or nonmanufacturing wage earners. The figure for each county or place is an average of the numbers reported for the several months of the year. In calculating it, equal weight must be given to full-time and to part-time wage earners (not reported separately by the manufacturers), and for this reason it exceeds the number that would have been required to perform the work done in the industries if all wage earners had been continuously employed throughout the year. The quotient obtained by dividing the amount of wages by the average number of wage earners cannot, therefore, be accepted as representing the average wage received by full-time wage earners. Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several counties do not add exactly to the average for the State. In making comparisons between the figures for 1939 and those for earlier years, the possibility that the proportion of part-time employment varied from year to year should be taken into account.

[2] Profits and losses cannot be calculated from the census figures because no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, and advertising.

[3] See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

[5] For numbers of establishments by "Industry groups," see table 11.

[6] The Minneapolis-St. Paul Industrial Area comprises Dakota, Hennepin, and Ramsey counties. For statistics by industries, see table 9.

[7] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Undistributed" figures.

[8] The "Undistributed" figure for number of establishments and a part of the "Undistributed" figure for number of wage earners are included above in the items for the respective counties. The sums of the figures in these two columns are, therefore, larger than the corresponding State totals.

[9] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments.

TABLE 3.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, BY SEX: 1939 AND 1929

[The 1939 questionnaire, for the first time, called for data on the *total* number of employees in manufacturing establishments, including those engaged wholly or chiefly in distribution, construction, and other nonmanufacturing activities. It is not known to what extent data for such employees were included in the figures reported for earlier years. This table presents detailed figures for employees receiving pay at any time within the *normal* pay-roll period ended nearest Oct. 14, 1939, and for such employees on the pay roll on Dec. 14, 1929, or on the nearest *representative* date. The total for "Wage earners engaged in manufacturing" is not identical with the average for the year (given in other tables), and differs from the number reported for October 1939 or for December 1929, because for both years some manufacturers gave wage-earner figures for months other than those specified. See GENERAL EXPLANATIONS—Persons engaged—general classification]

CLASS AND SEX	1939 (Oct. 14) [1]	1929 (Dec. 14) [1]
All classes, aggregate [2]	111,740	110,093
Male	87,402	87,720
Female	24,338	22,373
Salaried officers and employees, total	24,692	19,458
Male	18,371	13,709
Female	6,321	5,749
Salaried officers of corporations, total	2,171	3,111
Male	2,017	2,975
Female	154	136
All other employees (except wage earners in manufacturing), total	22,521	16,347
Male	16,354	10,734
Female	6,167	5,613
Salaried officers and employees—Continued.		
All other employees, etc.—Continued.		
Engaged in manufacturing:		
Male	7,220	(3)
Female	2,940	
Engaged in distribution:		
Male	8,198	
Female	3,097	
Engaged in construction:		
Male	464	
Engaged in other work:		
Male	472	
Female	130	
Wage earners engaged in manufacturing, total	87,048	90,635
Male	69,031	74,011
Female	18,017	16,624

[1] See headnote.
[2] Figures do not include data for 3,162 proprietors and firm members for 1939 and 2,176 for 1929, which were not reported by sex for 1939.
[3] No data.

TABLE 4.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS: 1939, 1937, AND 1929

[The figures for 1939 relate to wage earners engaged in manufacturing only. It is not known to what extent the figures for earlier years include data for nonmanufacturing wage earners. See headnote to table 3]

CENSUS YEAR	Average number employed during year [1]	NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH—											
		January	February	March	April	May	June	July	August	September	October	November	December
1939	79,753	71,862	72,557	73,733	75,007	77,278	80,744	82,912	86,782	85,266	84,561	84,585	81,753
1937	89,925	82,892	85,451	87,911	87,778	90,674	93,503	97,105	101,226	93,174	90,807	87,674	80,901
1929	90,468	86,977	88,352	89,009	88,690	89,647	91,174	92,369	94,540	95,016	91,697	91,021	87,123

[1] See GENERAL EXPLANATIONS—Wage earners and wages.

TABLE 5.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY NUMBER OF WAGE EARNERS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS	VALUE ADDED BY MANUFACTURE [2]
	1939	1929	1939	1929	1939	1939
All establishments	4,008	4,206	79,753	90,468	$845,771,514	$310,628,396
No wage earners	190	153			4,752,767	2,419,552
1 to 5	2,287	2,413	5,682	6,175	90,664,537	21,966,634
6 to 20	879	923	9,506	9,998	80,373,356	33,820,400
21 to 50	348	378	11,091	12,165	99,140,725	38,306,595
51 to 100	162	166	11,237	11,807	95,700,154	40,356,178
101 to 250	103	118	15,370	18,271	131,217,916	55,918,109
251 to 500	23	36	7,959	11,471	74,025,023	39,333,782
501 to 1,000	9	9	7,124	6,007	91,700,435	32,585,262
1,001 or more	7	10	11,784	14,574	178,196,601	45,921,884

[1] See headnotes to tables 3 and 4.

[2] See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 6.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY VALUE OF PRODUCTS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
All establishments	4,008	4,206	79,753	90,468	$845,771,514	$1,120,375,334	$310,628,396	$377,817,179
$5,000 to $19,999	1,335	1,344	3,353	3,223	14,779,581	15,090,660	8,400,715	9,449,951
$20,000 to $49,999	913	834	4,612	4,310	30,169,560	27,197,396	12,962,252	14,257,368
$50,000 to $99,999	731	705	5,783	5,691	52,015,125	51,304,842	17,616,310	19,161,920
$100,000 to $249,999	574	733	10,352	10,786	88,035,636	113,155,214	31,919,048	36,903,201
$250,000 to $499,999	227	269	9,774	11,381	79,092,796	94,650,968	33,476,076	37,745,091
$500,000 to $999,999	108	143	10,353	10,994	76,775,835	96,701,792	35,897,312	40,718,179
$1,000,000 to $2,499,999	75	109	9,996	14,716	113,035,111	162,396,433	42,709,542	64,187,807
$2,500,000 to $4,999,999	28	42	8,010	10,843	102,165,664	143,254,506	45,805,737	55,971,115
$5,000,000 and over	17	27	17,520	18,524	289,702,206	416,623,523	81,841,404	99,422,547

[1] See headnotes to tables 3 and 4.

[2] See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 7.—ESTABLISHMENTS CLASSIFIED AS UNDER CORPORATE OR OTHER FORM OF OWNERSHIP (OR CONTROL) AND AS UNDER CENTRAL-ADMINISTRATIVE-OFFICE OR INDEPENDENT OPERATION: 1939 AND 1929

TYPE OF OWNERSHIP OR CONTROL, AND OF OPERATION	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
Total	4,008	4,206	79,753	90,468	$845,771,514	$1,120,375,334	$310,628,396	$377,817,179
TYPE OF OPERATION								
1939 [3]								
Corporate ownership or control:								
Central-administrative-office (plural-unit)	530	(3)	39,426	(3)	517,972,912	(3)	166,803,825	(3)
Independent (single-unit)	1,073	(3)	29,238	(3)	216,101,191	(3)	112,408,647	(3)
Noncorporate ownership:								
Central-administrative-office (plural-unit)	111	(3)	695	(3)	6,299,052	(3)	2,048,297	(3)
Independent (single-unit)	2,294	(3)	10,394	(3)	105,398,359	(3)	29,367,627	(3)
1939 AND 1929 [3]								
Central-administrative-office (plural-unit), corporate and noncorporate	641	353	40,121	33,962	524,271,964	576,834,631	168,852,122	157,620,395
Independent (single-unit), corporate and noncorporate	3,367	3,853	39,632	56,506	321,499,550	543,540,703	141,776,274	220,196,784
TYPE OF OWNERSHIP OR CONTROL								
Corporate	1,603	2,291	68,664	81,319	734,074,103	1,047,207,632	279,212,472	349,177,116
Noncorporate, total	2,405	1,915	11,089	9,149	111,697,411	73,167,702	31,415,924	28,640,063
Individual	1,218	(4)	5,615	(4)	33,205,975	(4)	14,838,480	(4)
Partnership	579	(4)	3,798	(4)	27,769,032	(4)	11,319,976	(4)
Cooperative	599	(4)	1,651	(4)	50,534,728	(4)	5,173,294	(4)
Other	9	(4)	25	(4)	187,676	(4)	84,174	(4)

[1] See headnotes to tables 3 and 4.

[2] See GENERAL EXPLANATIONS—Value added by manufacture.

[3] Because of changes in the questionnaire, no comparable figures for 1929 can be given for the first section of this table. For this reason, the items have been regrouped under "1939 and 1929" to present comparable figures so far as this can be done.

[4] No data.

TABLE 8.—GENERAL STATISTICS FOR

This table presents separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establish
figures are given, however, reported larger numbers of wage earners

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
1		All industries, total	4,008	3,162	104,445	2,171	10,160	79,753	11,295	464	602
2	17	Agricultural machinery (except tractors)	15	5	789	12	99	651	21	6	-
3	15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	3	1	22	2	-	20	-	-	-
4	6	Baskets for fruits and vegetables	3	2	21		1	20	-	-	-
5	16	Batteries, storage and primary (dry and wet)	7	3	320	4	24	272	20	-	-
6	3	Batting, padding, and wadding; upholstery filling	3	1	84	2	9	72	1	-	-
7	20	Beauty-shop and barber-shop equipment	7	-	189	15	23	109	42	-	-
8	1	Biscuit, crackers, and pretzels	11	10	578	4	15	422	134	-	3
9	19	Boat building and boat repairing	10	13	49	1	1	47		-	-
10	14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	3	1	189	5	34	147	3	-	-
11	8	Bookbinding and related industries	18	11	314	18	51	205	40	-	-
12	8	Books: printing without publishing	12	8	295	10	31	230	24	-	-
13	8	Books: publishing without printing	11	9	94	3	66	-	25	-	-
14	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	443	495	4,394	48	230	3,510	532	17	57
15	13	Brick and hollow structural tile	8	4	231	8	12	199	12	-	-
16	20	Brooms	10	15	64	7	2	51	4	-	-
17	1	Candy and other confectionery products	34	18	701	22	31	543	102	-	3
18	1	Canned and dried fruits and vegetables (including canned soups)	25	1	2,277	17	99	2,136	16	4	5
19	4	Canvas products (except bags)	4	2	81	5	6	47	23	-	-
20	3	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	3	2	254	2	28	201	23	-	-
21	6	Caskets, coffins, burial cases, and other morticians' goods	11	5	235	13	24	148	50	-	-
22	1	Cereal preparations	7	2	422	7	38	308	66	3	-
23	1	Cheese	50	54	142	1	16	91	33	-	1
24	9	Chemicals not elsewhere classified	4	3	72	4	8	42	18	-	-
25	9	Cleaning and polishing preparations, blackings, and dressings	12	8	78	6	5	20	47	-	-
26	4	Clothing, leather and sheep-lined	4	4	516	3	19	481	12	1	-
27	4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	4	5	187	5	6	164	12	-	-
28	17	Commercial laundry, dry-cleaning, and pressing machinery	5	1	41	3	5	27	6	-	-
29	16	Communication equipment	5	2	218	6	12	104	96	-	-
30	9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	11	-	154	1	18	81	54	-	-
31	13	Concrete products	86	71	747	33	47	573	77	16	1
32	1	Condensed and evaporated milk	21	3	337	8	47	271	11	-	-
33	17	Construction and similar machinery (except mining and oil-field machinery and tools)	9	3	855	14	181	592	68	-	-
34	6	Cooperage	7	-	115	3	9	98	5	-	-
35	1	Creamery butter	820	764	3,420	47	684	2,389	259	14	27
36	20	Dental equipment and supplies	4	-	57	5	7	20	25	-	-
37	9	Drugs and medicines (including drug grinding)	26	8	750	39	47	314	337	13	-
38	16	Electrical products not elsewhere classified	3	3	20	1	5	14	-	-	-
39	15	Electroplating, plating, and polishing	11	13	105	2	6	94	3	-	-
40	8	Electrotyping and stereotyping, not done in printing establishments	5	1	67	8	5	48	6	-	-
41	17	Elevators, escalators, and conveyors	5	9	322	5	18	230	69	-	-
42	8	Engraving (steel, copperplate, and wood), plate printing	9	10	42	1	6	34	1	-	-
43	7	Envelopes	9	3	297	7	17	223	50	-	-
44	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	20	7	895	36	80	703	74	2	-
45	1	Flavoring extracts and flavoring sirups, not elsewhere classified	11	7	121	9	12	67	33	-	-
46	1	Flour and other grain-mill products	62	34	2,943	44	303	2,228	282	17	69
47	1	Food preparations, not elsewhere classified	29	35	318	16	15	213	64	8	2
48	17	Food-products machinery	21	5	671	33	39	419	179	-	1
49	12	Footwear (except rubber)	6		843	17	69	716	41	-	-
50	4	Fur coats and other fur garments, accessories, and trimmings	13	9	219	13	19	179	8	-	-
51	8	General commercial (job) printing	205	179	2,616	152	279	1,888	297	-	-
52	16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	20	17	550	33	108	341	68		-
53	14	Gray-iron and semisteel castings	25	18	753	23	48	669	11	2	-
54	9	Grease and tallow (except lubricating greases)	10	7	71	9	9	46	7	-	-
55	20	Hand stamps, stencils, and brands	7	6	60	1	11	42	6	-	-
56	14	Hardware not elsewhere classified	5	3	124	4	8	105	7	-	-
57	14	Heating and cooking apparatus, except electric, not elsewhere classified	3	-	27		2	25			-
58	4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	9	8	510	5	30	401	73	-	1
59	4	House furnishings (except curtains, draperies, and bedspreads)	6	7	126	3	3	106	12		2
60	6	Household furniture, except unholstered	22	15	352	15	24	298	7		8
61	1	Ice cream and ices	56	28	762	41	75	327	293	8	18
62	1	Ice, manufactured	11	8	107	5	16	69	17		-
63	12	Industrial leather belting and packing leather	3	1	62	5	3	43	11		-
64	17	Industrial machinery, not elsewhere classified	15	7	448	22	27	280	115	-	4
65	9	Insecticides, fungicides, and related industrial and household chemical compounds	14	7	128	10	22	65	31		-
66	17	Internal-combustion engines	3		349	6	80	240	22	1	-

See footnotes at end of table.

THE STATE, BY INDUSTRIES: 1939

ments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined or larger values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [3]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [3]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
145,826,234	10,582,318	17,972,788	96,886,925	18,833,613	596,979	953,611	535,143,118	516,045,238	10,525,802	5,637,310	2,934,768	845,771,514	310,628,396	1
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	2
22,351	3,015	----------	19,336	----------	----------	----------	51,246	49,369	1,388	489	----------	75,016	23,770	3
8,054	----------	960	7,094	----------	----------	----------	13,202	12,322	755	125	----------	29,282	16,080	4
456,043	21,500	38,019	365,372	31,152	----------	----------	1,471,044	1,413,625	13,695	43,724	----------	2,248,045	777,001	5
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	6
282,819	65,630	53,642	90,544	73,003	----------	----------	477,103	459,656	1,345	3,962	12,140	1,215,982	738,879	7
776,644	13,880	47,016	468,185	243,908	----------	3,655	1,300,272	1,251,504	41,674	7,094	----------	3,372,453	2,072,181	8
41,891	1,950	1,450	38,491	----------	----------	----------	60,957	57,027	1,293	2,037	600	143,439	82,482	9
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	10
477,977	70,433	55,480	263,866	88,198	----------	----------	335,409	323,736	2,510	7,853	1,310	1,235,905	900,496	11
411,030	23,862	53,614	265,183	68,371	----------	----------	330,666	267,397	4,889	10,407	47,973	935,459	604,793	12
134,698	15,313	83,263	----------	36,122	----------	----------	114,978	24,283	----------	122	90,573	384,305	269,327	13
5,580,010	212,299	396,629	4,444,151	442,968	31,503	52,460	10,182,245	9,578,823	373,753	229,669	----------	21,349,382	11,167,137	14
280,767	21,678	20,270	225,833	12,986	----------	----------	183,040	65,422	101,751	15,867	----------	633,898	450,858	15
72,568	13,260	2,225	54,268	2,815	----------	----------	94,192	92,326	590	1,276	----------	184,977	90,785	16
687,248	73,459	45,680	446,239	118,904	----------	2,966	1,935,372	1,893,666	21,599	20,107	----------	3,366,217	1,430,845	17
1,357,513	48,877	195,977	1,070,659	27,670	8,988	5,342	4,857,875	4,732,268	59,608	65,999	----------	9,425,657	4,567,782	18
104,067	20,066	9,994	49,641	24,366	----------	----------	144,227	141,305	1,588	1,199	135	293,349	149,122	19
251,593	11,400	43,603	167,434	29,156	----------	----------	217,511	193,806	9,919	13,786	----------	689,753	472,242	20
375,503	55,802	44,577	171,487	103,637	----------	----------	488,117	479,156	6,419	2,451	91	1,097,662	609,545	21
690,885	112,169	77,897	364,059	131,076	5,684	----------	2,223,818	2,155,152	33,213	35,453	----------	6,559,019	4,335,201	22
140,615	2,483	16,652	89,515	31,350	----------	615	1,437,497	1,402,836	26,120	8,541	----------	1,769,694	332,197	23
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	24
64,824	12,440	4,440	19,626	28,318	----------	----------	164,446	162,455	550	1,441	----------	324,281	159,835	25
516,132	11,170	32,727	454,796	16,295	1,144	----------	1,139,594	1,122,760	8,602	8,232	----------	1,912,099	772,505	26
245,047	30,592	14,140	169,677	30,638	----------	----------	405,144	401,745	13	3,386	----------	734,036	328,892	27
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	28
356,354	33,880	23,876	119,669	178,929	----------	----------	223,715	218,098	2,512	3,105	----------	905,147	681,432	29
294,691	14,800	45,926	118,587	115,378	----------	----------	412,275	335,019	13,712	63,544	----------	1,198,723	786,448	30
849,561	116,646	65,031	574,846	86,542	5,681	815	1,874,961	1,776,873	44,092	36,922	17,074	3,822,708	1,947,747	31
443,006	18,227	73,647	334,484	15,546	1,102	----------	2,847,267	2,612,562	196,401	38,304	----------	3,838,854	991,587	32
1,452,602	87,723	329,114	871,009	164,756	----------	----------	2,005,252	1,921,541	40,139	43,572	----------	4,166,550	2,161,298	33
135,427	9,328	15,173	100,556	10,370	----------	----------	507,228	494,868	4,494	7,866	----------	744,173	236,945	34
3,899,500	169,416	741,979	2,661,953	296,598	12,868	16,686	69,353,113	68,198,844	700,448	451,258	2,563	78,029,290	8,676,177	35
132,237	39,354	12,291	33,732	46,860	----------	----------	951,393	947,476	1,894	2,023	----------	1,310,949	359,556	36
1,164,218	248,868	78,062	321,684	478,394	37,210	----------	2,009,426	1,977,612	18,216	12,998	600	5,166,054	3,156,628	37
20,076	2,450	6,208	11,418	----------	----------	----------	12,455	11,824	346	285	----------	38,784	26,329	38
135,576	11,400	10,918	112,336	922	----------	----------	73,780	51,505	7,669	14,273	333	296,622	222,842	39
149,681	29,850	11,812	98,009	10,010	----------	----------	37,863	28,484	2,048	5,939	1,392	274,707	236,844	40
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	41
49,412	3,000	8,538	37,228	646	----------	----------	71,939	64,854	318	1,294	5,473	178,296	106,357	42
437,627	36,517	35,026	245,011	121,073	----------	----------	613,122	597,933	4,424	10,765	----------	1,294,477	681,355	43
1,360,035	156,666	162,721	886,672	150,410	3,566	----------	2,061,589	1,958,154	40,072	24,635	38,728	4,069,593	2,008,004	44
182,367	42,885	18,405	70,316	50,761	----------	----------	650,677	638,338	8,201	4,138	----------	1,158,507	507,830	45
4,592,467	259,040	625,823	3,120,657	449,325	39,292	98,330	53,835,109	52,947,936	312,652	507,987	66,534	67,437,432	13,602,323	46
358,584	67,883	30,904	161,413	95,731	----------	2,653	1,703,175	1,671,927	19,788	9,141	2,319	2,368,293	665,118	47
978,462	145,625	72,763	521,782	237,332	----------	960	937,981	892,141	17,852	24,358	3,630	2,581,649	1,643,668	48
755,370	70,360	83,590	549,530	51,890	----------	----------	1,359,035	1,339,439	5,514	14,082	----------	2,915,967	1,556,932	49
287,924	29,880	37,063	208,946	12,035	----------	----------	664,518	657,183	1,719	4,122	1,494	1,172,731	508,213	50
4,153,297	575,345	476,213	2,540,002	561,737	----------	----------	3,658,519	3,219,388	31,017	96,799	311,315	9,991,719	6,333,200	51
962,785	130,386	213,791	525,959	92,649	----------	----------	1,554,908	1,522,929	9,770	22,169	40	3,107,588	1,552,680	52
984,628	35,894	87,869	838,881	19,548	2,436	----------	778,289	617,688	122,207	36,055	2,339	2,472,870	1,694,581	53
115,973	47,320	11,003	48,504	9,146	----------	----------	161,449	133,166	17,365	10,918	----------	458,501	297,052	54
62,606	4,000	18,031	33,467	7,108	----------	----------	53,822	49,649	823	2,586	764	191,271	137,449	55
155,453	14,106	9,704	115,248	16,395	----------	----------	283,163	274,186	1,641	6,195	1,141	561,907	278,744	56
(5)	----------	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	57
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	58
126,373	20,400	5,462	84,578	12,809	----------	3,124	320,045	317,889	304	1,852	----------	594,351	274,306	59
396,573	33,350	35,024	310,343	9,119	----------	8,737	375,601	350,675	12,577	12,069	280	953,667	578,066	60
1,308,855	202,466	118,345	398,697	545,921	15,662	27,764	3,166,549	2,977,978	58,412	130,159	----------	6,081,768	2,915,219	61
149,070	20,950	30,141	82,539	15,440	----------	----------	116,402	16,447	10,814	89,141	----------	619,321	502,919	62
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	63
741,656	95,010	51,226	363,014	227,088	----------	5,318	745,369	712,436	15,415	15,049	2,469	1,827,418	1,082,049	64
218,390	52,236	39,059	75,017	52,078	----------	----------	785,092	771,677	3,729	9,686	----------	1,245,048	459,956	65
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	66

TABLE 8.—GENERAL STATISTICS FOR

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [3]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
1	15	Jewelry (precious metals)	10	9	351	14	7	227	98	2	3
2	3	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	6	8	235	3	19	186	27		
3	15	Lighting fixtures	3	2	21	4	4	10	3		
4	9	Linseed oil, cake, and meal	5		411		32	379			
5	8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	8	5	1,283	11	98	1,144	23		7
6	5	Logging camps and logging contractors (not operating sawmills)	24	24	812	4	29	777	2		
7	9	Lubricating oils and greases—not made in petroleum refineries	13	7	113	10	11	48	42		2
8	1	Macaroni, spaghetti, vermicelli, and noodles	5	1	165	6	13	101	43		2
9	8	Machine and hand typesetting (including advertisement typesetting)	13	16	137	5	10	113	9		
10	17	Machine-shop products not elsewhere classified	33	25	579	22	43	434	79		1
11	17	Machine-shop repairs	21	16	144	17	8	112	5		2
12	17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	13	14	92	4	4	82	1		1
13	1	Malt	8		297	1	40	229	8	19	
14	1	Malt liquors	21		2,463	39	108	1,654	564	11	87
15	6	Mattresses and bedsprings	9	12	534	13	28	423	70		
16	1	Meat packing, wholesale	11	4	10,600	8	890	8,801	824	41	36
17	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	8	12	106		4	98	2		2
18	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	10	10	413	10	21	356	26		
19	4	Men's neckwear—made in inside factories or by jobbers engaging contractors	3	4	41	1	1	33	6		
20	17	Metalworking machinery and equipment, not elsewhere classified	6	1	387	8	19	269	90	1	
21	4	Millinery	4	3	63	4	2	45	12		
22	13	Mirrors and other glass products made of purchased glass	6	6	18			18			
23	20	Miscellaneous fabricated products not elsewhere classified	5	3	104	9	8	70	17		
24	4	Miscellaneous fabricated textile productsnot elsewhere classified	6	5	38	3	2	28	5		
25	20	Models and patterns (except paper patterns)	7	8	33	1	4	28			
26	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	47	38	1,384	46	105	1,056	151	19	7
27	8	Newspapers: publishing and printing	273	278	4,853	111	1,395	2,431	915	1	
28	8	Newspapers: publishing without printing	6	4	22	1	12	3	6		
29	1	Nonalcoholic beverages	91	92	943	53	64	389	430	1	6
30	15	Nonferrous-metal foundries (except aluminum)	6	4	95	7	5	81			2
31	15	Nonferrous-metal products not elsewhere classified	6	4	122	5	11	90	12		4
32	6	Office furniture	3	1	41	1	2	35	3		
33	14	Oil burners, domestic and industrial	6	5	59	4	9	28	18		
34	10	Oven coke and coke-oven byproducts	3		492	4	71	359	53	5	
35	9	Paints, varnishes, and lacquers	23	14	504	21	79	250	151		3
36	7	Paper and paperboard mills	9		2,326	13	219	1,966	103	25	
37	7	Paperboard containers and boxes not elsewhere classified	15	4	462	25	27	361	49		
38	17	Paper-mill, pulp-mill, and paper-products machinery	3	5	100	2	11	79	8		
39	6	Partitions, shelving, cabinet work, and office and store fixtures	16	13	316	10	21	258	21	2	4
40	9	Perfumes, cosmetics, and other toilet preparations	13	9	176	12	14	112	38		
41	8	Periodicals: publishing and printing	19	6	953	23	168	661	101		
42	8	Periodicals: publishing without printing	51	19	280	38	174	13	55		
43	8	Photoengraving, not done in printing establishments (including preparation of plates)	14	4	258	27	23	164	44		
44	1	Pickled fruits and vegetables and vegetable sauces and seasonings	7	4	181	7	15	115	42		2
45	5	Planing mills not operated in conjunction with sawmills	59	28	1,933	50	163	1,573	138	3	6
46	1	Poultry dressing and packing, wholesale	61	35	1,759	14	166	1,510	68	1	
47	14	Power boilers and associated products	5	4	399	7	40	297	48	3	4
48	1	Prepared feeds (including mineral) for animals and fowls	37	22	382	23	42	238	76		3
49	1	Preserves, jams, jellies, and fruit butters	4	1	81	1	5	75			
50	17	Printing-trades machinery and equipment	8	5	201	6	32	115	47		1
51	7	Pulp mills	7		1,068	1	71	984		12	
52	17	Pumping equipment and air compressors	6		696	15	32	605	43		1
53	16	Radios, radio tubes, and phonographs	4		139	7	8	107	17		
54	17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	13	6	1,970	25	107	1,744	94		
55	10	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	4		229	1	19	192	17		
56	12	Saddlery, harness, and whips	6	4	48		3	44	1		
57	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	27	26	367	11	21	220	115		
58	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	77	72	1,315	14	52	1,204	42	3	
59	14	Screw-machine products and wood screws	3	1	44	4	4	36			
60	15	Sheet-metal work not specifically classified	38	24	753	34	53	551	114		1
61	19	Shipbuilding and ship repairing	4	1	92	1	13	78			
62	20	Signs, advertising displays, and advertising novelties	36	26	570	25	29	430	86		
63	9	Soap and glycerin	9	4	112	14	13	36	49		
64	20	Sporting and athletic goods not elsewhere classified	12	13	293	13	14	237	28	1	
65	14	Stamped and pressed metal products (except automobile stampings)	9	4	261	13	39	204	3		2

See footnotes at end of table.

THE STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing: Salaries [2]	Manufacturing: Wages	Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
622,090	106,898	22,807	353,687	133,453	2,830	2,415	715,711	705,051	1,147	7,250	2,263	1,888,740	1,173,029	1
178,358	4,128	24,166	121,575	28,489	----	----	363,590	355 215	2,984	5,391	----	677,539	313,949	2
34,279	12,700	5,692	12,673	3,214	----	----	40,212	25,831	----	620	13,761	116,286	76,074	3
672,346	----	71,982	600,364	----	----	----	8,275,029	8,083,949	76,742	114,338	----	10,383,567	2,108,538	4
(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	5
630,516	11,500	49,706	565,360	1,320	500	2,130	568,540	313,590	3,500	----	251,450	1,690,657	1,122,117	6
196,549	53,550	16,740	57,574	66,285	----	2,400	901,056	888,481	7,350	5,225	----	1,342,445	441,389	7
225,576	29,839	31,379	94,725	68,073	----	1,560	467,313	395,495	5,505	15,460	50,853	904,720	437,407	8
217,137	12,445	13,344	174,714	16,634	----	----	62,904	48,931	2,638	5,293	6,042	444,549	381,645	9
838,317	77,217	76,212	580,059	103,529	----	1,300	744,616	684,791	20,789	38,570	466	2,324,605	1,579,989	10
184,636	39,170	9,531	126,643	7,321	----	1,971	107,514	95,340	4,792	7,382	----	423,178	315,664	11
124,944	10,588	3,548	109,831	904	----	73	62,381	54,464	2,378	4,460	1,079	271,296	208,915	12
499,304	7,250	97,263	378,820	14,311	1,660	----	6,029,428	5,646,546	226,039	156,843	----	9,071,682	3,042,254	13
4,058,844	153,811	234,563	2,354,346	1,123,449	15,163	177,512	6,191,117	5,810,438	331,522	46,381	2,776	23,364,854	17,173,737	14
780,513	81,718	48,455	516,384	133,956	----	----	1,522,786	1,492,859	10,725	19,202	----	2,726,953	1,204,167	15
16,540,714	83,690	1,831,716	12,983,321	1,484,566	73,576	83,845	162,657,564	161,518,632	887,109	249,686	2,137	198,124,044	35,466,480	16
94,522	----	5,538	85,767	2,801	----	416	46,301	31,627	1,049	1,662	11,963	191,286	144,985	17
506,699	36,650	31,882	366,869	71,298	----	----	958,347	946,147	1,890	6,219	4,091	1,735,158	776,811	18
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	----	(5)	----	(5)	(5)	19
653,787	124,190	31,481	360,184	135,914	2,018	----	716,457	705,279	3,886	7,292	----	2,013,772	1,297,315	20
55,358	9,851	8,077	31,319	6,111	----	----	56,852	55,312	709	831	----	138,818	81,966	21
23,817	----	----	23,817	----	----	----	29,309	27,478	923	547	361	82,802	53,493	22
157,200	36,664	11,598	79,708	29,230	----	----	203,890	200,361	1,830	1,699	----	462,131	258,241	23
46,020	6,500	1,232	23,387	14,901	----	----	203,378	163,055	393	460	39,470	323,294	119,916	24
46,448	500	4,762	41,186	----	----	----	15,477	13,609	558	1,310	----	98,979	83,502	25
1,813,543	164,594	184,776	1,223,637	205,049	26,058	9,429	1,608,585	1,328,039	29,103	232,875	18,568	4,966,007	3,357,422	26
7,493,282	533,534	2,081,544	3,632,622	1,244,552	1,030	----	4,907,281	4,449,957	84,447	166,916	205,961	18,336,604	13,429,323	27
23,657	1,820	11,643	3,926	6,268	----	----	32,608	1,454	186	245	30,723	121,766	89,158	28
1,295,046	169,451	90,964	404,048	618,615	1,716	10,252	2,576,985	2,490,852	41,819	44,314	----	5,404,559	2,827,574	29
155,547	33,452	10,619	110,314	----	----	1,162	351,019	329,063	15,375	5,759	822	627,800	276,781	30
229,702	44,543	29,183	110,812	38,969	----	6,195	498,151	478,628	10,708	6,642	2,173	908,452	410,301	31
47,000	3,000	4,160	36,791	3,049	----	----	76,330	74,850	282	1,198	----	140,611	64,281	32
76,785	13,228	9,303	36,329	17,925	----	----	108,261	99,904	1,897	2,129	4,331	268,067	159,806	33
813,406	39,106	152,877	555,734	57,699	7,990	----	4,362,581	4,076,467	226,775	59,339	----	5,789,341	1,426,760	34
871,982	101,331	157,716	349,903	259,572	----	3,460	2,361,349	2,313,288	29,615	18,446	----	4,315,550	1,954,201	35
3,827,829	158,775	470,621	2,846,793	332,037	19,603	----	10,596,027	9,340,117	1,105,697	150,213	----	18,518,252	7,922,225	36
604,967	142,064	49,829	323,244	89,830	----	----	976,975	952,551	11,157	12,084	1,183	1,890,236	913,261	37
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	38
524,936	55,860	37,570	383,366	39,406	2,734	6,000	474,824	450,808	13,934	9,670	412	1,140,048	665,224	39
210,856	57,638	21,435	80,446	51,337	----	----	319,913	314,651	2,698	2,564	----	746,588	426,675	40
1,591,616	136,752	306,460	928,698	219,706	----	----	1,093,007	927,889	18,686	31,137	115,295	3,628,094	2,535,087	41
481,466	159,105	229,465	16,523	76,373	----	----	927,466	38,092	323	800	888,251	2,482,287	1,554,821	42
631,412	114,180	35,100	382,081	100,051	----	----	146,793	120,681	3,033	9,689	13,390	996,934	850,141	43
(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	44
2,663,872	219,214	281,224	1,910,419	240,057	6,188	6,770	3,846,167	3,751,127	27,429	67,611	----	7,887,828	4,041,661	45
1,253,875	38,815	213,426	906,314	83,392	1,162	10,766	13,116,930	12,997,408	49,022	70,500	----	15,479,986	2,363,056	46
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	47
546,390	100,976	67,781	266,508	109,685	----	1,440	3,620,805	3,545,160	31,514	44,131	----	5,185,190	1,564,385	48
(5)	(5)	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	49
(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	50
1,303,779	12,540	172,374	1,110,828	----	8,037	----	2,953,303	2,283,594	566,738	102,971	----	5,816,142	2,862,839	51
1,273,140	91,949	54,394	1,044,124	81,539	----	1,134	1,474,900	1,423,559	6,970	30,582	13,789	3,825,642	2,350,742	52
136,420	18,977	13,611	79,619	24,213	----	----	360,769	342,611	2,237	3,921	12,000	589,286	228,517	53
2,101,548	224,494	137,012	1,575,590	164,452	----	----	5,767,905	5,592,962	58,123	116,237	583	10,195,259	4,427,354	54
359,199	11,750	42,263	240,636	64,550	----	----	1,837,029	1,761,463	52,691	22,875	----	2,745,419	908,390	55
55,050	----	6,131	48,467	452	----	----	200,486	196,298	1,359	2,829	----	300,306	99,820	56
616,687	50,112	37,872	316,854	211,849	----	----	3,104,333	3,029,681	28,676	35,138	10,838	4,180,315	1,075,982	57
971,222	39,381	70,773	836,768	23,002	1,298	----	1,544,027	1,323,702	23,183	168,180	28,962	2,974,188	1,430,161	58
(5)	(5)	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	59
1,179,040	124,651	106,590	775,935	170,720	----	1,144	2,094,822	2,036,198	21,361	35,300	1,963	4,167,922	2,073,100	60
164,927	3,600	17,211	144,116	----	----	----	127,788	120,824	1,332	4,834	798	305,856	178,068	61
757,580	96,199	44,114	461,223	156,044	----	----	795,925	749,721	8,014	15,658	22,532	2,144,038	1,348,113	62
222,267	74,368	18,382	48,082	81,435	----	----	451,231	440,710	6,451	4,070	----	945,447	494,216	63
362,569	53,108	23,118	238,279	47,064	1,000	----	540,848	523,449	6,439	9,189	1,771	1,109,418	568,570	64
395,340	79,216	71,162	239,250	4,560	----	1,152	243,205	204,901	3,513	7,783	27,008	858,692	615,487	65

TABLE 8.—GENERAL STATISTICS FOR

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
1	14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	11	4	664	14	70	456	124		
2	20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	12	12	118	7	14	63	34		
3	4	Textile bags—not made in textile mills	3		434		31	376	27		
4	14	Tin cans and other tinware not elsewhere classified	5	1	408	4	65	310	15	14	
5	14	Tools (except edge tools, machine tools, files, and saws)	10	5	302	14	28	232	28		
6	17	Tractors	3		1,324	3	176	1,111	16	18	
7	4	Trousers (semidress), wash suits, and washable service apparel	3	2	190	2	10	175	3		
8	6	Upholstered household furniture	11	7	563	14	27	462	60		
9	6	Venetian blinds	4	5	45			40	5		
10	13	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	3		834	3	79	752			
11	6	Window and door screens and weather strip	3	2	191	5	10	174	2		
12	6	Window shades	7	9	43	2	1	31	9		
13	14	Wirework not elsewhere classified	13	12	197	11	22	148	15		1
14	4	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors	3	3	20			19	1		
15	4	Women's and misses' clothing not elsewhere classified—made in inside factories or by jobbers engaging contractors	5	3	139	4	5	109	20		1
16	4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	14	9	609	21	47	477	63	1	
17	6	Wooden boxes except cigar boxes	14	12	265	5	18	235	5		2
18	6	Wood preserving	12	2	532	11	41	470	10		
19	6	Wood products not elsewhere classified	4		378	6	17	335	20		
20	17	Woodworking machinery	3		73	8	11	51	3		
21	3	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	4	3	439	9	40	361	27	2	
22	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	22	14	1,235	21	66	1,037	108		[redacted]
23	4	Work gloves and mittens: cloth, cloth and leather combined	3	1	194	2	10	177	5		
24		Other industries [6]	326	167	25,059	330	2,243	20,002	2,054	211	219
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]									
25	1	Food and kindred products	25	9	758	15	76	581	69		17
26	3	Textile-mill products and other fiber manufactures	18	9	3,445	39	244	2,766	385	11	
27	4	Apparel and other finished products made from fabrics and similar materials	36	34	1,493	20	79	1,246	145		3
28	6	Furniture and finished lumber products	15	4	920	13	56	823	25	1	2
29	7	Paper and allied products	5		393	8	21	319	45		
30	8	Printing, publishing, and allied industries	14	7	2,524	28	397	1,725	367		7
31	9	Chemicals and allied products	18	6	624	13	67	502	41		1
32	10	Products of petroleum and coal	6	3	53	3	4	36	3	7	
33	12	Leather and leather products	8	3	435	13	10	389	23		
34	13	Stone, clay, and glass products	20	2	3,176	26	230	2,399	239	136	146
35	14	Iron and steel and their products, except machinery	40	14	4,780	45	418	4,140	118	23	36
36	16	Electrical machinery	5	5	45		4	35	6		
37	17	Machinery (except electrical)	57	33	3,712	63	479	2,837	302	25	6
38	19	Transportation equipment except automobiles	6	1	308	2	21	280	5		
39	20	Miscellaneous industries	14	8	553	18	23	410	101	1	
	2, 11, 15	Tobacco manufactures; Rubber products; Nonferrous metals and their products	5; 4; 3	1; 1; 1	67; 311; 42	2; 4; 4	4; 18; 6	48; 266; 31	12; 16; 1	7	1
40	18	Automobiles and automobile equipment	27	26	1,420	14	86	1,169	151		

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.

[2] Figures do not include data for personnel of central-administrative offices.

[3] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

THE STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [3]	Salaries of officers of corporations [3]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [3]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
940,680	70,138	112,557	557,304	200,681	----------	----------	1,267,777	1,219,954	19,735	28,088	----------	2,523,340	1,255,563	1
140,224	17,166	19,602	74,635	28,821	----------	----------	76,081	71,280	1,112	2,545	1,144	328,451	252,370	2
518,620	----------	48,298	404,629	65,693	----------	----------	4,155,889	4,134,730	12,586	8,573	----------	5,113,810	957,921	3
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	4
410,878	60,410	45,689	259,487	45,292	----------	----------	357,581	313,631	15,764	23,974	4,212	1,109,647	752,066	5
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	6
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	7
803,474	60,661	50,309	587,817	104,687	----------	----------	1,023,617	1,004,427	4,899	14,291	----------	2,022,712	999,095	8
46,072	----------	----------	40,706	5,366	----------	----------	107,249	106,644	50	555	----------	223,662	116,413	9
(5)	(5)	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	10
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	11
49,548	4,080	1,004	33,541	10,923	----------	----------	72,861	70,073	1,410	1,378	----------	149,654	76,793	12
297,772	46,711	41,079	180,740	29,002	----------	240	445,229	427,259	4,976	12,994	----------	957,530	512,301	13
11,087	----------	----------	10,857	230	----------	----------	12,693	12,442	----------	251	----------	34,233	21,540	14
144,547	20,600	13,898	86,078	23,623	----------	348	291,688	289,402	400	1,886	----------	510,972	219,284	15
608,265	82,922	57,908	385,706	81,281	448	----------	771,938	716,780	559	6,931	47,668	1,981,708	1,209,770	16
226,353	14,500	24,094	181,563	5,598	----------	598	735,422	720,520	1,123	13,779	----------	1,219,847	484,425	17
730,757	60,620	89,476	564,156	16,505	----------	----------	4,174,935	4,089,803	68,533	16,599	----------	5,996,294	1,821,359	18
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	19
110,959	25,400	20,158	62,691	2,710	----------	----------	119,691	114,552	1,972	3,167	----------	323,016	203,325	20
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	21
1,245,047	89,025	89,595	899,059	162,948	----------	4,420	2,251,221	2,219,103	9,344	17,623	5,151	4,154,162	1,902,941	22
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	23
36,708,925	2,296,904	4,643,751	25,025,821	4,097,563	258,832	386,054	73,007,810	67,574,140	3,860,235	1,096,217	477,218	152,274,146	79,266,336	24
896,229	67,691	116,990	593,270	86,338	----------	31,940	4,234,512	3,964,084	256,183	14,245	----------	6,168,338	1,933,826	25
4,245,666	267,683	457,508	2,821,146	674,599	24,730	----------	5,489,871	5,346,054	87,185	56,573	59	11,917,789	6,427,918	26
1,303,087	91,170	112,576	863,641	233,018	----------	2,682	2,121,770	2,096,164	10,398	15,208	----------	4,134,967	2,013,197	27
1,120,804	95,020	114,929	870,356	38,901	758	840	1,691,096	1,625,102	28,716	27,738	9,540	3,842,899	2,151,803	28
446,739	47,542	32,741	293,564	72,892	----------	----------	1,232,259	1,211,526	6,129	14,604	----------	1,982,005	749,746	29
4,589,662	313,642	735,044	2,682,283	850,675	----------	8,018	2,805,433	2,609,769	52,046	34,065	109,553	12,605,382	9,799,949	30
875,262	59,405	128,840	616,296	64,464	4,233	2,024	2,941,094	2,813,213	77,796	48,498	1,587	5,764,032	2,822,938	31
68,468	2,015	5,150	41,164	4,465	15,674	----------	340,331	321,712	13,378	5,241	----------	416,273	75,942	32
581,222	64,091	28,380	444,858	43,893	----------	----------	1,520,908	1,469,914	25,615	25,379	----------	2,242,969	722,061	33
5,057,348	324,260	652,152	3,147,966	525,356	130,273	277,341	7,192,027	5,889,900	889,970	412,157	----------	22,235,136	15,043,109	34
7,538,812	265,405	965,494	5,940,355	271,364	39,872	56,322	14,265,956	11,782,763	2,131,747	272,802	78,644	28,786,823	14,520,867	35
40,375	----------	5,332	29,819	5,224	----------	----------	70,953	70,038	152	763	----------	135,832	64,879	36
5,789,556	397,333	918,853	3,830,569	605,069	31,815	5,917	8,504,886	7,975,210	162,155	110,563	256,958	23,350,619	14,845,733	37
419,998	4,890	37,010	370,778	7,320	----------	----------	480,850	461,579	7,938	11,333	----------	986,698	505,848	38
826,967	158,937	52,730	459,766	153,417	2,117	----------	705,831	680,455	7,399	12,025	5,952	2,225,164	1,519,333	39
2,908,730	137,820	280,022	2,019,990	460,568	9,360	970	19,410,033	19,256,657	103,428	35,023	14,925	25,479,220	6,069,187	40

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments: they are included in the "Other industries" figures.
[6] For numbers of establishments and of wage earners in individual industries, see table 12.

TABLE 9.—GENERAL STATISTICS FOR THE MINNEAPOLIS-

(This table presents, for the Minneapolis-St. Paul Industrial Area, separate figures for each industry for which it is possible to publish such figures without disclosing exact
Certain of the industries for which combined figures are given, however, reported larger

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
1		All industries, total	1,744	1,163	65,244	1,518	6,227	48,607	8,188	255	449
2	17	Agricultural machinery (except tractors)	7	2	749	7	95	624	17	6	
3	15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	3	1	22	2		20			
4	16	Batteries, storage and primary (dry and wet) [a]	7	3	320	4	24	272	20		
5	20	Beauty-shop and barber-shop equipment	7		189	15	23	109	42		
6	19	Boat building and boat repairing	5	6	28	1		27			
7	14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	3	1	189	5	34	147	3		
8	8	Bookbinding and related industries	15	8	286	16	43	188	39		
9	8	Books, publishing without printing	11	9	94	3	66		25		
10	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	196	203	2,897	37	153	2,338	314	12	43
11	20	Brooms	5	7	36	3		32	1		
12	1	Candy and other confectionery products [c]	34	18	701	22	31	543	102		3
13	4	Canvas products (except bags)	4	2	81	5	6	47	23		
14	6	Caskets, coffins, burial cases, and other morticians' goods	7	3	203	12	20	126	45		
15	1	Cereal preparations [a]	7	2	422	7	38	308	66	3	
16	4	Clothing, leather and sheep-lined	4	4	516	3	19	481	12	1	
17	4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	4	5	187	5	6	164	12		
18	17	Commercial laundry, dry-cleaning, and pressing machinery	5	1	41	3	5	27	6		
19	13	Concrete products	28	12	291	25	14	216	35		1
20	1	Condensed and evaporated milk	5		92	5	10	74	3		
21	17	Construction and similar machinery (except mining and oil-field machinery and tools)	6	2	703	11	148	499	45		
22	6	Cooperage	4		95	2	7	82	4		
23	1	Creamery butter	21	9	225	13	34	163	12	2	1
24	20	Dental equipment and supplies	4		57	5	7	20	25		
25	9	Drugs and medicines (including drug grinding)	20	7	229	24	14	108	76	7	
26	8	Electrotyping and stereotyping, not done in printing establishments	5	1	67	8	5	48	6		
27	17	Elevators, escalators, and conveyors	5	9	322	5	18	230	69		
28	8	Engraving (steel, copperplate, and wood); plate printing	9	10	42	1	6	34	1		
29	7	Envelopes	9	3	297	7	17	223	50		
30	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills [b]	20	7	895	36	80	703	74	2	
31	1	Flavoring extracts and flavoring sirups, not elsewhere classified [c]	11	7	121	9	12	67	33		
32	1	Flour and other grain-mill products	13		1,616	8	137	1,337	62	7	65
33	1	Food preparations, not elsewhere classified	22	24	307	16	15	204	62	8	2
34	17	Food-products machinery	18	5	622	29	36	381	175		1
35	4	Fur coats and other fur garments, accessories, and trimmings	10	9	160	9	9	134	8		
36	8	General commercial (job) printing	155	140	2,264	125	235	1,641	263		
37	16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	17	14	508	31	100	312	65		
38	14	Gray-iron and semisteel castings	16	10	583	13	37	524	9		
39	9	Grease and tallow (except lubricating greases)	4	4	27	4	2	18	3		
40	20	Hand stamps, stencils, and brands	7	6	60	1	11	42	6		
41	14	Heating and cooking apparatus, except electric, not elsewhere classified	3		27		2	25			
42	4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	9	8	510	5	30	401	73		1
43	4	Housefurnishings (except curtains, draperies, and bedspreads)	6	7	126	3	3	106	12		2
44	6	Household furniture, except upholstered	14	10	260	13	22	210	7		8
45	1	Ice cream and ices	17	4	367	23	22	140	163	5	14
46	1	Ice, manufactured	7	6	84	5	13	57	9		
47	12	Industrial leather belting and packing leather	3	1	62	5	3	43	11		
48	9	Insecticides, fungicides, and related industrial and household chemical compounds [a]	14	7	128	10	22	65	31		
49	15	Lighting fixtures	3	2	21	4	4	10	3		
50	1	Macaroni, spaghetti, vermicelli, and noodles	5	1	165	6	13	101	43		2
51	8	Machine and hand typesetting (including advertisement typesetting)	13	16	137	5	10	113	9		
52	17	Machine-shop products, not elsewhere classified	23	15	442	17	34	323	67		1
53	17	Machine-shop repairs	11	7	105	12	3	83	5		2
54	17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools [a]	13	14	92	4	4	82	1		1
55	1	Malt	4		151	1	20	127	3		
56	1	Malt liquors	5		1,801	9	40	1,242	417	10	83
57	6	Mattresses and bedsprings [b]	9	12	534	13	28	423	70		
58	1	Meat packing, wholesale	6	4	5,167	4	604	4,070	478	9	2
59	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	8	12	106		4	98	2		2
60	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	10	10	413	10	21	356	26		
61	4	Men's neckwear—made in inside factories or by jobbers engaging contractors	3	4	41	1	1	33	6		
62	4	Millinery	4	3	63	4	2	45	12		
63	13	Mirrors and other glass products made of purchased glass	6	6	18			18			
64	20	Models and patterns (except paper patterns)	7	8	33	1	4	28			
65	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	6	5	127	12	10	90	8		7
66	8	Newspapers: publishing and printing	20	14	2,712	25	860	1,202	625		

See footnotes at end of table.

ST. PAUL INDUSTRIAL AREA, BY INDUSTRIES: 1939

or approximate data for individual establishments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. numbers of wage earners or larger values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [3]	Manufacturing: Salaries [2]	Manufacturing: Wages	Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
97,756,597	7,981,248	11,670,859	62,458,329	14,598,168	328,726	719,267	278,751,056	269,887,116	3,614,131	2,804,551	2,445,258	480,271,715	201,520,659	1
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	2
22,351	3,015	----	19,336	----	----	----	51,246	49,369	1,388	489	----	75,016	23,770	3
456,043	21,500	38,019	365,372	31,152	----	----	1,471,044	1,413,625	13,695	43,724	----	2,248,045	777,001	4
282,819	65,630	53,642	90,544	73,003	----	----	477,103	459,656	1,345	3,962	12,140	1,215,982	738,879	5
24,434	1,950	----	22,484	----	----	----	28,993	26,154	1,081	1,158	600	80,179	51,186	6
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	7
439,843	65,207	48,638	239,300	86,698	----	----	311,678	301,557	1,881	7,110	1,130	1,151,701	840,023	8
134,698	15,313	83,263	----	36,122	----	----	114,978	24,283	----	122	90,573	384,305	269,327	9
4,086,467	175,508	288,387	3,265,777	290,698	22,813	43,284	6,819,443	6,458,293	237,348	123,802	----	14,608,660	7,789,217	10
43,325	8,340	----	34,490	495	----	----	64,438	63,428	259	751	----	126,087	61,649	11
687,248	73,459	45,680	446,239	118,904	----	2,966	1,935,372	1,893,666	21,599	20,107	----	3,366,217	1,430,845	12
104,067	20,066	9,994	49,641	24,366	----	----	144,227	141,305	1,588	1,199	135	293,349	149,122	13
338,658	51,765	40,811	150,803	95,279	----	----	386,002	378,542	6,050	1,319	91	932,727	546,725	14
690,885	112,169	77,897	364,059	131,076	5,684	----	2,223,818	2,155,152	33,213	35,453	----	6,559,019	4,335,201	15
516,132	11,170	32,727	454,796	16,295	1,144	----	1,139,594	1,122,760	8,602	8,232	----	1,912,099	772,505	16
245,047	30,592	14,140	169,677	30,638	----	----	405,144	401,745	13	3,386	----	734,036	328,892	17
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	18
418,385	83,354	24,535	270,660	39,021	----	815	1,040,180	980,747	25,156	25,869	8,408	1,978,389	938,209	19
134,195	7,300	18,199	103,486	5,210	----	----	470,295	416,847	37,602	15,846	----	660,665	190,370	20
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	21
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	22
313,988	44,591	51,778	198,779	17,775	850	215	4,573,329	4,493,422	52,360	27,547	----	5,215,467	642,138	23
132,237	39,354	12,291	33,732	46,860	----	----	951,393	947,476	1,894	2,023	----	1,310,949	359,556	24
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	25
149,681	29,850	11,812	98,009	10,010	----	----	37,863	28,484	2,048	5,939	1,392	274,707	236,844	26
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	27
49,412	3,000	8,538	37,228	646	----	----	71,939	64,854	318	1,294	5,473	178,296	106,357	28
437,627	36,517	35,026	245,011	121,073	----	----	613,122	597,933	4,424	10,765	----	1,294,477	681,355	29
1,360,035	156,666	162,721	886,672	150,410	3,566	----	2,061,589	1,958,154	40,072	24,635	38,728	4,069,593	2,008,004	30
182,367	42,885	18,405	70,316	50,761	----	----	650,677	638,338	8,201	4,138	----	1,158,507	507,830	31
2,764,217	59,770	326,159	2,155,957	107,221	20,993	94,117	31,842,343	31,396,664	116,995	328,684	----	39,981,017	8,138,674	32
352,397	67,883	30,904	156,806	94,151	----	2,653	1,653,996	1,626,280	18,764	8,952	----	2,292,334	638,338	33
915,786	128,825	68,558	483,307	234,136	----	960	859,304	818,080	15,822	21,772	3,630	2,457,426	1,598,122	34
210,025	16,480	21,665	159,845	12,035	----	----	489,264	483,950	1,495	2,325	1,494	850,852	361,588	35
3,687,380	500,065	418,823	2,248,477	520,015	----	----	3,266,753	2,858,322	24,981	82,443	301,007	8,835,533	5,568,780	36
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	37
790,890	18,424	69,915	684,897	17,654	----	----	615,360	483,432	101,747	28,825	1,356	2,057,445	1,442,085	38
60,378	30,560	2,470	22,627	4,721	----	----	103,418	91,146	7,600	4,672	----	256,440	153,022	39
62,606	4,000	18,031	33,467	7,108	----	----	53,822	49,649	823	2,586	764	191,271	137,449	40
(5)	----	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	41
(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	42
126,373	20,400	5,462	84,578	12,809	----	3,124	320,045	317,889	304	1,852	----	594,351	274,306	43
316,989	30,230	33,404	235,499	9,119	----	8,737	296,011	278,799	8,402	8,530	280	750,028	454,017	44
774,932	121,792	44,565	208,592	364,058	11,619	24,306	1,403,535	1,317,286	16,512	69,737	----	2,852,825	1,449,290	45
124,201	20,950	25,253	66,998	11,000	----	----	98,177	13,116	7,715	77,346	----	523,424	425,247	46
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	47
218,390	52,236	39,059	75,017	52,078	----	----	785,092	771,677	3,729	9,686	----	1,245,048	459,956	48
34,279	12,700	5,692	12,673	3,214	----	----	40,212	25,831	----	620	13,761	116,286	76,074	49
225,576	29,839	31,379	94,725	68,073	----	1,560	467,313	395,495	5,505	15,460	50,853	904,720	437,407	50
217,137	12,445	13,344	174,714	16,634	----	----	62,904	48,931	2,638	5,293	6,042	444,549	381,645	51
653,990	63,509	61,485	449,870	77,826	----	1,300	620,466	575,857	14,731	29,412	466	1,820,960	1,200,494	52
146,213	30,170	5,262	101,489	7,321	----	1,971	73,727	66,122	2,557	5,048	----	296,725	222,998	53
124,944	10,588	3,548	109,831	904	----	73	62,381	54,464	2,378	4,460	1,079	271,296	208,915	54
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	55
3,135,715	61,156	125,052	1,871,484	893,350	12,468	172,205	5,116,139	4,855,730	248,509	11,900	----	19,332,100	14,215,961	56
780,513	81,718	48,455	516,384	133,956	----	----	1,522,786	1,492,859	10,725	19,202	----	2,726,953	1,204,167	57
8,337,425	59,325	1,242,999	6,084,364	930,039	17,485	3,213	80,452,484	79,796,012	522,991	131,344	2,137	93,594,501	13,142,017	58
94,522	----	5,538	85,767	2,801	----	416	46,301	31,627	1,049	1,662	11,963	191,286	144,985	59
506,699	36,650	31,882	366,869	71,298	----	----	958,347	946,147	1,890	6,219	4,091	1,735,158	776,811	60
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	----	(5)	----	(5)	(5)	61
55,358	9,851	8,077	31,319	6,111	----	----	56,852	55,312	709	831	----	138,818	81,966	62
23,817	----	----	23,817	----	----	----	29,309	27,478	923	547	361	82,802	53,493	63
46,448	500	4,762	41,186	----	----	----	15,477	13,609	558	1,310	----	98,979	83,502	64
195,084	40,048	21,077	113,526	11,004	----	9,429	194,464	172,959	3,982	17,523	----	395,363	200,899	65
4,497,424	225,482	1,292,371	2,065,850	913,721	----	----	3,572,648	3,285,946	29,754	72,258	184,690	11,243,378	7,670,730	66

TABLE 9.—GENERAL STATISTICS FOR THE MINNEAPOLIS-

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
1	8	Newspapers: publishing without printing [a]	6	4	22	1	12	3	6		
2	1	Nonalcoholic beverages	20	18	449	14	21	188	220	1	5
3	15	Nonferrous-metal products not elsewhere classified	6	4	122	5	11	90	12		4
4	6	Office furniture	3	1	41	1	2	35	[illegible]		
5	14	Oil burners, domestic and industrial	6	5	59	4	9	28	18		
6	9	Paints, varnishes, and lacquers	15	6	425	20	64	210	131		
7	7	Paper and paperboard mills	3		742	5	34	630	73		
8	7	Paperboard containers and boxes not elsewhere classified [b]	15	4	462	25	27	361	49		
9	6	Partitions, shelving, cabinet work, and office and store fixtures	12	8	303	10	20	246	21	2	4
10	9	Perfumes, cosmetics, and other toilet preparations	13	9	176	12	14	112	38		
11	8	Periodicals: publishing and printing	15	2	904	21	159	627	97		
12	8	Periodicals: publishing without printing	43	16	258	36	159	13	50		
13	8	Photoengraving, not done in printing establishments (including preparation of plates) [b]	14	4	258	27	23	164	44		
14	1	Pickled fruits and vegetables and vegetable sauces and seasonings	4	3	140	5	9	83	41		2
15	5	Planing mills not operated in conjunction with sawmills	23	6	938	24	69	759	81	1	4
16	1	Poultry dressing and packing, wholesale	5	2	130	5	9	95	21		
17	1	Prepared feeds (including mineral) for animals and fowls	18	7	288	21	26	174	67		
18	1	Preserves, jams, jellies, and fruit butters	4	1	81	1	5	75			
19	17	Printing-trades machinery and equipment	8	5	201	6	32	115	47		1
20	17	Pumping equipment and air compressors	6		696	15	32	605	43		1
21	17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	10	4	1,798	22	92	1,590	94		
22	12	Saddlery, harness, and whips	6	4	48		3	44	1		
23	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	19	17	295	9	15	176	95		
24	14	Screw-machine products and wood screws	3	1	44	4	4	36			
25	15	Sheet-metal work not specifically classified	26	17	634	26	45	469	93		1
26	20	Signs, advertising displays, and advertising novelties	27	19	503	22	19	378	84		
27	9	Soap and glycerin	9	4	112	14	13	36	49		
28	20	Sporting and athletic goods not elsewhere classified	9	9	264	10	11	214	28	1	
29	14	Stamped and pressed metal products (except automobile stampings)	9	4	261	13	39	204	3		2
30	14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	7	3	206	10	10	126	60		
31	20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	12	12	118	7	14	63	34		
32	4	Textile bags not made in textile mills	3		434		31	376	27		
33	14	Tools (except edge tools, machine tools, files, and saws)	6	3	80	8	14	47	11		
34	6	Upholstered household furniture [b]	11	7	563	14	27	462	60		
35	6	Venetian blinds	4	5	45			40	5		
36	6	Window and door screens and weather strip	3	2	191	5	10	174	2		
37	6	Window shades	7	9	43	2	1	31	9		
38	4	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors	3	3	20			19	1		
39	4	Women's and misses' clothing not elsewhere classified—made in inside factories or by jobbers engaging contractors	5	3	139	4	5	109	20		1
40	4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors [a]	14	9	609	21	47	477	63	1	
41	6	Wooden boxes except cigar boxes	9	9	109	2	9	94	2		2
42	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	15	11	967	12	48	821	85		1
43		Other industries [6]	493	266	28,415	520	2,458	21,908	3,154	191	184
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]									
44	1	Food and kindred products	34	16	1,107	18	54	808	220		7
45	3	Textile-mill products and other fiber manufactures	16	10	3,388	30	234	2,700	415	9	
46	4	Apparel and other finished products made from fabrics and similar materials	39	39	1,394	17	76	1,150	148		3
47	6	Furniture and finished lumber products	27	6	960	26	71	821	39	1	2
48	7	Paper and allied products	8		1,135	13	55	949	118		
49	8	Printing, publishing, and allied industries	23	12	2,605	37	411	1,770	380		7
50	9	Chemicals and allied products	68	24	1,046	54	78	651	253	7	3
51	10	Products of petroleum and coal	8	3	530	6	45	404	70	5	
52	12	Leather and leather products	8	3	405	14	23	338	30		
53	14	Iron and steel and their products, except machinery	60	32	3,561	62	357	2,926	194	17	5
54	15	Nonferrous metals and their products	25	25	327	15	18	259	32		3
55	16	Electrical machinery	31	20	816	43	118	481	174		
56	17	Machinery (except electrical)	76	38	6,524	113	669	5,146	562	25	9
57	19	Transportation equipment except automobiles	5	1	300	2	19	274	5		
58	20	Miscellaneous industries	27	20	895	35	38	674	146	2	
59	13, 18, 2, 11	Stone, clay, and glass products; Automobiles and automobile equipment; Tobacco manufactures; Rubber products	10; 21; 5; 2	16; 1	1,741; 1,378; 303	15; 14; 6	89; 84; 19	1,180; 1,133; 244	193; 147; 28	120; 5	144; 1

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.
[2] Figures do not include data for personnel of central-administrative offices.
[3] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

ST. PAUL INDUSTRIAL AREA, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
23,657	1,820	11,643	3,926	6,268	----	----	32,608	1,454	186	245	30,723	121,766	89,158	1
683,100	38,150	41,767	206,586	388,168	1,716	6,713	1,248,959	1,215,949	16,987	16,023	----	2,679,864	1,430,905	2
229,702	44,543	29,183	110,812	38,969	----	6,195	498,151	478,628	10,708	6,642	2,173	908,452	410,301	3
47,000	3,000	4,160	36,791	3,049	----	----	76,330	74,850	282	1,198	----	140,611	64,281	4
76,785	13,228	9,303	36,329	17,925	----	----	108,261	99,904	1,897	2,129	4,331	268,067	159,806	5
760,558	98,331	131,053	298,525	232,649	----	----	2,007,853	1,967,343	25,524	14,986	----	3,696,698	1,688,845	6
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	7
601,967	142,064	49,829	323,244	89,830	----	----	976,975	952,551	11,157	12,084	1,183	1,890,236	913,261	8
512,567	55,860	35,624	372,943	39,406	2,734	6,000	452,536	429,504	13,477	9,143	412	1,096,003	643,467	9
210,856	57,638	21,435	80,446	51,337	----	----	319,913	314,651	2,698	2,564	----	746,588	426,675	10
1,518,692	127,912	297,788	881,855	211,137	----	----	1,044,492	883,045	17,251	29,276	114,920	3,463,199	2,418,707	11
449,070	152,205	210,319	16,523	70,023	----	----	865,905	37,917	323	800	826,865	2,325,450	1,459,545	12
631,412	114,180	35,100	382,081	100,051	----	----	146,793	120,681	3,033	9,689	13,390	996,934	850,141	13
(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	14
1,372,307	120,786	114,940	995,139	134,397	2,167	4,878	1,502,248	1,460,802	10,893	30,553	----	3,345,589	1,843,341	15
136,270	9,975	10,232	74,481	41,582	----	----	1,341,127	1,333,741	2,009	5,377	----	1,603,023	261,896	16
453,014	94,606	50,287	210,312	97,809	----	----	3,124,443	3,078,273	21,648	24,522	----	4,428,598	1,304,155	17
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	18
(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	19
1,273,140	91,949	54,394	1,044,124	81,539	----	1,134	1,474,900	1,423,559	6,970	30,582	13,789	3,825,642	2,350,742	20
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	21
55,050	----	6,131	48,467	452	----	----	200,486	196,298	1,359	2,829	----	300,306	99,820	22
520,790	44,712	27,329	260,932	187,817	----	----	2,468,531	2,406,978	23,934	26,781	10,838	3,373,762	905,231	23
(5)	(5)	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	24
1,029,063	109,150	89,983	686,132	142,654	----	1,144	1,684,466	1,633,350	18,611	30,705	1,800	3,412,183	1,727,717	25
682,009	89,182	31,523	407,300	154,004	----	----	729,379	687,679	5,786	13,677	22,237	1,949,115	1,219,736	26
222,267	74,368	18,382	48,082	81,435	----	----	451,231	440,710	6,451	4,070	----	945,447	494,216	27
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	28
395,340	79,216	71,162	239,250	4,560	----	1,152	243,205	204,901	3,513	7,783	27,008	858,692	615,487	29
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	30
140,224	17,166	19,602	74,635	28,821	----	----	76,081	71,280	1,112	2,545	1,144	328,451	252,370	31
518,620	----	48,298	404,629	65,693	----	----	4,155,889	4,134,730	12,586	8,573	----	5,113,810	957,921	32
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	33
803,474	60,661	50,309	587,817	104,687	----	----	1,023,617	1,004,427	4,899	14,291	----	2,022,712	999,095	34
46,072	----	----	40,706	5,366	----	----	107,249	106,644	50	555	----	223,662	116,413	35
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	36
49,548	4,080	1,004	33,541	10,923	----	----	72,861	70,073	1,410	1,378	----	149,654	76,793	37
11,087	----	----	10,857	230	----	----	12,693	12,442	----	251	----	34,233	21,540	38
144,547	20,600	13,898	86,078	23,623	----	348	291,688	289,402	400	1,886	----	510,972	219,284	39
608,265	82,922	57,908	385,706	81,281	448	----	771,938	716,780	559	6,931	47,668	1,981,708	1,209,770	40
100,734	7,500	11,800	79,238	1,598	----	598	453,516	446,659	989	5,868	----	724,955	271,439	41
1,015,919	62,715	70,078	747,331	133,195	----	2,600	1,702,862	1,677,198	6,647	13,866	5,151	3,280,784	1,577,922	42
41,937,144	3,367,077	4,990,083	27,015,791	6,021,993	225,039	317,161	88,485,297	85,052,480	1,712,973	1,134,479	585,365	178,358,534	89,873,237	43
1,490,346	81,996	126,208	927,165	348,607	----	6,370	6,323,676	6,049,317	173,181	101,178	----	10,514,540	4,190,864	44
4,185,237	210,552	457,761	2,775,304	718,874	22,746	----	5,214,937	5,086,180	73,113	55,644	----	11,526,820	6,311,883	45
1,249,612	82,190	104,757	829,343	230,640	----	2,682	2,124,998	2,061,171	9,912	14,445	39,470	4,158,164	2,033,166	46
1,298,493	161,468	144,650	926,681	64,096	758	840	4,274,524	4,186,863	58,489	19,632	9,540	6,541,820	2,267,296	47
1,777,592	156,884	125,669	1,222,038	273,001	----	----	3,905,182	3,491,198	371,484	42,500	----	7,865,274	3,960,092	48
4,722,888	334,504	753,359	2,737,749	889,258	----	8,018	2,892,275	2,640,354	54,155	40,440	157,326	12,938,659	10,046,384	49
1,749,463	254,972	169,406	923,070	388,517	9,074	4,424	9,716,414	9,414,322	128,213	171,692	2,187	15,262,162	5,545,748	50
855,589	43,226	98,030	585,974	120,369	7,990	----	4,119,872	3,896,130	166,034	57,708	----	5,894,222	1,774,350	51
400,387	53,869	35,830	258,476	52,212	----	----	527,599	517,977	5,422	4,200	----	1,199,855	672,256	52
5,329,814	313,929	757,098	3,825,704	401,129	26,961	4,993	7,123,149	6,753,549	108,466	180,056	81,078	16,695,085	9,571,936	53
495,188	56,180	30,635	356,061	49,897	----	2,415	903,063	843,990	23,842	20,041	15,190	1,877,647	974,584	54
1,352,497	176,840	236,777	663,212	275,668	----	----	1,930,295	1,879,573	11,995	26,687	12,040	4,158,642	2,228,347	55
9,440,176	819,560	1,201,947	6,284,230	1,091,238	32,293	10,908	15,272,412	14,512,448	244,221	255,733	260,010	36,496,818	21,224,406	56
407,100	4,890	33,530	361,360	7,320	----	----	468,670	449,591	7,786	11,293	----	959,181	490,511	57
1,259,587	220,017	75,304	731,438	229,711	3,117	----	1,369,797	1,325,743	14,839	21,492	7,723	3,559,030	2,189,233	58
5,923,175	396,000	639,122	3,607,986	881,456	122,100	276,511	22,318,434	21,944,074	261,821	111,738	801	38,710,615	16,392,181	59

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[6] For numbers of establishments and of wage earners in individual industries, see table 12.
[a], [b], and [c] To avoid disclosing exact or approximate data for individual establishments, the data for certain establishments located outside the Minneapolis-St. Paul Industrial Area have been included in the figures for the industries to which these footnotes are indexed. Data for these establishments are not, however, included in the total for the area.
[a] 1 establishment. [b] 2 establishments. [c] 3 establishments.

TABLE 10. GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939

[This table presents, for each city in the State having 100,000 or more inhabitants, separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures are given, however, reported larger numbers of wage earners or larger values of products than some of those shown separately. No data for nonmanufacturing personnel, except salaried officers of corporations, are included in this table]

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
	DULUTH											
	All industries, total	159	79	107	573	4,059	$389,182	$1,080,089	$5,695,467	$21,198,323	$37,994,710	$16,796,387
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	28	26	4	23	226	14,040	37,448	288,689	679,611	1,495,989	816,378
13	Concrete products	6	2	2	3	48	8,050	5,013	50,272	204,985	348,094	143,109
8	General commercial (job) printing	16	8	12	17	83	29,797	19,953	99,299	102,722	355,681	252,959
1	Ice cream and ices	3	1	2	6	29	8,410	10,102	31,180	255,957	505,120	249,163
1	Malt liquors	3		5	20	156	23,050	34,207	226,628	426,956	1,801,982	1,375,026
8	Newspapers: publishing and printing	7	3	12	107	200	(4)	(4)	(4)	(4)	(4)	(4)
1	Nonalcoholic beverages	4	2	3	2	12	6,000	2,119	12,078	69,300	136,229	66,929
9	Paints, varnishes, and lacquers	3		1	15	31	(4)	(4)	(4)	(4)	(4)	(4)
5	Planing mills not operated in conjunction with sawmills	6		4	9	140	21,200	18,460	148,131	200,866	669,792	468,926
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	3	3		4	25	(4)	(4)	(4)	(4)	(4)	(4)
15	Sheet-metal work not specifically classified	3			2	32	(4)	(4)	(4)	(4)	(4)	(4)
4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	3	3	1	2	49	(4)	(4)	(4)	(4)	(4)	(4)
	Other industries [5]	93	40	75	493	3,364	278,635	952,787	4,839,190	19,257,926	32,681,823	13,423,897
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	18	9	10	58	292	47,876	97,020	346,891	4,525,825	5,652,946	1,127,121
4	Apparel and other finished products made from fabrics and similar materials	7	3	7	8	84	17,700	11,319	70,735	217,619	390,172	172,553
6	Furniture and finished lumber products	5	6	2	7	51	6,137	9,266	47,871	165,788	287,539	121,751
8	Printing, publishing, and allied industries	19	10	17	129	229	78,208	232,365	378,567	345,888	1,732,712	1,386,824
9	Chemicals and allied products	9	2	1	26	91	3,000	49,687	122,752	618,352	1,164,014	545,662
15	Nonferrous metals and their products	5	2	2	6	43	3,540	10,199	53,799	142,281	283,969	141,688
17	Machinery (except electrical)	5		11	53	315	33,720	80,785	406,684	1,421,212	2,939,778	1,518,566
20	Miscellaneous industries	4	2	6	4	34	16,050	4,747	36,990	59,054	157,340	98,286
3	Textile-mill products and other fiber manufactures	3	2	3	24	174						
10	Products of petroleum and coal	4		2	47	180						
13	Stone, clay, and glass products	3	1		36	187						
14	Iron and steel and their products, except machinery	7	1	10	92	1,609	72,404	457,399	3,374,901	11,761,907	20,073,353	8,311,446
7	Paper and allied products	1										
18	Automobiles and automobile equipment	1	2	4	3	75						
19	Transportation equipment except automobiles	2										
	MINNEAPOLIS											
	All industries, total	1,094	735	972	3,360	26,109	$4,862,921	$6,155,800	$33,297,068	$116,807,453	$221,183,830	$104,376,377
15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	3	1	2		20	3,015		19,336	51,246	75,016	23,770
1	Biscuit, crackers, and pretzels	7	5	3	9	253	(4)	(4)	(4)	(4)	(4)	(4)
14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	3	1	5	34	147	(4)	(4)	(4)	(4)	(4)	(4)
8	Bookbinding and related industries	9	5	7	40	132	(4)	(4)	(4)	(4)	(4)	(4)
8	Books: printing without publishing	8	6	6	11	100	14,050	19,463	127,170	185,347	505,206	319,859
8	Books: publishing without printing	7	7	3	46		15,313	64,225		71,183	260,378	189,195
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	124	127	23	98	1,503	100,646	186,596	2,066,301	4,180,080	9,188,710	5,008,630
1	Candy and other confectionery products	23	11	19	16	327	66,269	25,157	283,514	1,151,670	1,981,371	829,701
6	Caskets, coffins, burial cases, and other morticians' goods	4	2	8	8	83	(4)	(4)	(4)	(4)	(4)	(4)
9	Cleaning and polishing preparations, blackings, and dressings	8	4	6	2	13	12,440	995	13,278	109,066	230,751	121,685
17	Commercial laundry, dry-cleaning, and pressing machinery	5	1	3	5	27	(4)	(4)	(4)	(4)	(4)	(4)
9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	8		1	10	63	(4)	(4)	(4)	(4)	(4)	(4)
13	Concrete products	6	2	5	6	54	26,586	14,385	77,540	478,333	756,202	277,869
1	Creamery butter	12	7	1	10	53	6,270	18,607	74,769	1,675,126	1,941,144	266,018
15	Electroplating, plating, and polishing	6	6	1	4	61	7,800	8,378	78,509	54,768	210,018	155,250

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
		MINNEAPOLIS—Continued										
8	Engraving (steel, copperplate, and wood); plate printing	4	5	-------	4	26	-------	$5,814	$28,305	$57,587	$125,544	$67,957
7	Envelopes	4	2	2	8	87	$14,027	18,155	99,098	254,393	567,970	313,577
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	14	2	23	41	413	90,950	78,900	537,514	1,469,875	2,933,222	1,463,347
1	Flavoring extracts and flavoring sirups, not elsewhere classified	5	4	4	6	25	25,550	9,650	31,198	259,207	449,482	190,275
1	Flour and other grain-mill products	9	-------	3	125	1,131	(4)	(4)	(4)	(4)	(4)	(4)
1	Food preparations, not elsewhere classified	16	17	13	10	158	63,535	24,657	126,733	1,517,383	2,059,118	541,735
17	Food-products machinery	15	5	27	33	362	126,728	64,537	457,602	812,610	2,359,385	1,546,775
4	Fur coats and other fur garments, accessories, and trimmings	7	9	5	4	55	14,560	12,840	68,135	329,409	546,060	216,651
8	General commercial (job) printing [b]	103	92	84	136	1,030	344,550	242,564	1,418,203	2,106,565	5,664,974	3,558,409
16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	13	8	27	99	285	117,964	206,670	465,635	1,399,050	2,786,207	1,387,157
14	Gray-iron and semisteel castings	9	6	6	18	288	8,900	28,792	385,706	371,718	1,039,726	668,008
20	Hand stamps, stencils, and brands	4	4	1	4	23	(4)	(4)	(4)	(4)	(4)	(4)
4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	3	3	2	26	339	(4)	(4)	(4)	(4)	(4)	(4)
6	Household furniture, except upholstered	7	7	9	12	100	18,850	19,533	135,478	161,150	424,820	263,670
1	Ice cream and ices [a]	12	4	10	17	99	50,215	35,171	150,648	980,751	2,084,437	1,103,686
1	Ice, manufactured	4	-	5	10	38	(4)	(4)	(4)	(4)	(4)	(4)
9	Insecticides, fungicides, and related industrial and household chemical compounds	9	4	8	20	57	49,624	37,247	65,874	755,174	1,174,619	419,445
15	Lighting fixtures	3	2	4	4	10	12,700	5,692	12,673	40,212	116,286	76,074
8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	3	1	4	22	91	(4)	(4)	(4)	(4)	(4)	(4)
9	Lubricating oils and greases—not made in petroleum refineries	8	4	4	1	20	14,200	1,912	26,272	338,028	497,566	159,538
8	Machine and hand typesetting (including advertisement typesetting)	10	15	-------	5	96	-------	8,142	143,579	47,040	362,959	315,919
17	Machine-shop products, not elsewhere classified [a]	19	13	11	27	260	31,909	46,941	348,092	412,392	1,387,005	974,613
17	Machine-shop repairs	6	2	11	3	56	28,670	5,262	77,884	54,729	204,034	149,305
17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	8	10	4	3	53	10,588	2,148	78,660	40,534	186,187	145,653
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories [a]	8	12	-------	4	98	-------	5,538	85,767	46,301	191,286	144,985
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	7	8	7	20	284	(4)	(4)	(4)	(4)	(4)	(4)
4	Men's neckwear—made in inside factories or by jobbers engaging contractors	3	4	1	1	33	(4)	(4)	(4)	(4)	(4)	(4)
13	Mirrors and other glass products made of purchased glass	3	4	-------	-------	9	-------	-------	10,645	8,810	36,833	28,023
4	Miscellaneous fabricated textile products not elsewhere classified	3	3	-------	1	9	-------	(4)	(4)	(4)	(4)	(4)
20	Models and patterns (except paper patterns)	4	4	1	1	15	500	1,049	19,718	8,926	50,896	41,970
18	Motor vehicles, motor-vehicle bodies, parts and accessories	14	13	6	10	96	18,214	14,750	124,701	212,178	568,740	356,562
8	Newspapers: publishing and printing	6	2	15	662	890	(4)	(4)	(4)	(4)	(4)	(4)
1	Nonalcoholic beverages [a]	14	8	11	18	129	24,250	36,761	145,370	991,150	2,125,905	1,134,755
15	Nonferrous-metal foundries (except aluminum)	3	3	2	2	44	5,512	6,100	63,094	111,609	244,628	133,019
9	Paints, varnishes, and lacquers	9	5	10	49	133	46,236	98,672	187,412	1,269,897	2,472,314	1,202,417
7	Paperboard containers and boxes not elsewhere classified	7	2	12	19	176	75,240	31,812	165,072	605,437	1,115,936	510,499
6	Partitions, shelving, cabinet work, and office and store fixtures	6	5	5	6	112	23,460	13,638	170,180	201,124	480,370	279,246
8	Periodicals: publishing and printing	10	2	13	55	296	77,998	99,353	356,242	373,395	1,337,512	964,117
8	Periodicals: publishing without printing [a]	27	8	26	81	13	116,053	126,978	16,523	637,591	1,538,090	900,499
8	Photoengraving, not done in printing establishments (including preparation of plates)	7	4	15	8	83	69,360	13,544	194,251	61,231	493,814	432,583

See footnotes at end of table.

TABLE 10. GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
	MINNEAPOLIS—Continued											
5	Planing mills not operated in conjunction with saw mills	15	4	18	43	558	$80,886	$69,541	$756,145	$1,006,696	$2,203,265	$1,196,569
1	Prepared feeds (including mineral) for animals and fowls [a]	13	7	17	24	159	81,656	47,627	193,968	3,026,101	4,245,103	1,219,002
12	Saddlery, harness, and whips	3	2		2	8		(4)	(4)	(4)	(4)	(4)
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments [a]	12	8	6	13	99	29,112	20,719	147,707	1,410,746	1,920,755	510,009
14	Screw-machine products and wood screws	3	1	4	4	36	(4)	(4)	(4)	(4)	(4)	(4)
15	Sheet-metal work not specifically classified	21	15	23	32	337	94,811	58,112	489,613	1,054,019	2,323,683	1,269,664
20	Signs, advertising displays, and advertising novelties	19	11	17	15	181	(4)	(4)	(4)	(4)	(4)	(4)
20	Sporting and athletic goods not elsewhere classified	3	3	1	4	30	3,600	6,373	18,212	31,777	101,070	69,293
20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	12	12	7	14	63	17,166	19,602	74,635	76,081	328,451	252,370
4	Textile bags—not made in textile mills	3			31	376		48,298	404,629	4,155,889	5,113,810	957,921
6	Upholstered household furniture [b]	11	7	14	27	462	60,661	50,309	587,817	1,023,617	2,022,712	999,095
6	Window and door screens and weather-strip	3	2	5	10	174	(4)	(4)	(4)	(4)	(4)	(4)
6	Window shades	4	4	2	1	21	4,080	1,004	23,465	49,629	93,810	44,181
14	Wirework not elsewhere classified	7	11	1	7	48	4,430	8,902	57,867	127,556	266,124	138,568
4	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors	3	3			19			10,857	12,693	34,233	21,540
6	Wooden boxes except cigar boxes	5	4		7	29	(4)	(4)	(4)	(4)	(4)	(4)
6	Wood preserving	3		3	12	77	17,130	23,114	78,863	898,672	1,057,584	158,912
4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	7	3	7	30	434	47,882	45,134	430,827	929,256	1,861,766	932,510
	Other industries [5]	410	213	460	2,237	16,679	2,704,411	4,133,886	21,170,856	79,360,908	149,283,721	69,922,813
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	46	10	38	250	2,515	298,493	573,434	3,732,268	35,665,709	55,082,590	19,416,881
3	Textile-mill products and other fiber manufactures	10	1	27	219	2,489	192,422	426,448	2,617,657	4,537,182	10,442,832	5,905,650
4	Apparel and other finished products made from fabrics and similar materials	56	52	47	146	2,016	232,824	212,527	1,655,360	4,146,201	8,328,462	4,182,261
6	Furniture and finished lumber products	27	16	26	58	750	173,938	113,062	865,628	2,634,771	5,038,403	2,403,632
8	Printing, publishing, and allied industries	27	11	40	761	1,394	249,895	1,179,956	2,183,294	3,435,499	10,219,369	6,783,870
9	Chemicals and allied products	43	18	31	54	496	153,799	111,244	761,946	8,035,796	12,176,596	4,140,800
12	Leather and leather products	9	4	12	24	316	38,049	38,409	237,241	512,402	1,143,283	630,881
13	Stone, clay, and glass products	8	5	13	11	77	48,234	21,596	99,078	220,245	469,014	248,769
14	Iron and steel and their products, except machinery	40	21	51	267	2,200	264,102	573,457	2,989,640	4,679,589	11,684,915	7,005,326
15	Nonferrous metals and their products	12	11	11	8	141	53,832	10,023	197,435	319,075	830,316	511,241
16	Electrical machinery	11	5	9	19	238	52,230	31,909	259,221	809,843	1,665,115	855,272
17	Machinery (except electrical)	63	32	89	335	2,841	542,446	648,654	4,248,918	8,666,065	21,733,946	13,067,881
20	Miscellaneous industries	44	23	54	54	594	315,799	114,826	691,755	2,072,803	4,892,254	2,819,451
7	Paper and allied products	4		4	7	241						
10	Products of petroleum and coal	5	3	3	8	163	88,348	78,341	631,415	3,625,728	5,576,626	1,950,898
2	Tobacco manufactures	2		1	1							
11	Rubber products	2		4	15	208						
18	Automobiles and automobile equipment	1	1									
	ST. PAUL											
	All industries, total	551	357	489	2,048	16,445	$2,861,496	$3,899,803	$20,818,230	$75,839,936	$152,002,686	$76,162,750
8	Bookbinding and related industries	6	3	9	3	56	(4)	(4)	(4)	(4)	(4)	(4)
8	Books: publishing without printing	4	2		20			19,038		43,795	123,927	80,132
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	61	61	14	55	807	74,862	101,791	1,174,258	2,559,017	5,264,581	2,705,564
1	Candy and other confectionery products	8	6	3	9	180	(4)	(4)	(4)	(4)	(4)	(4)
6	Caskets, coffins, burial cases, and other morticians' goods	3	1	4	12	43	(4)	(4)	(4)	(4)	(4)	(4)
13	Concrete products	14	7	14	5	84	41,950	6,165	94,499	342,203	665,141	322,938
1	Creamery butter	4		6	14	46	19,911	22,649	52,980	1,344,954	1,495,440	150,486
9	Drugs and medicines (including drug grinding)	6		8	3	21	34,030	6,180	20,110	101,633	426,382	324,749
8	Engraving (steel, copperplate, and wood); plate printing	5	5	1	2	8	3,000	2,724	8,923	14,352	52,752	38,400

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
		ST. PAUL—Continued										
7	Envelopes	5	1	5	9	136	$22,490	$16,871	$145,913	$358,729	$726,507	$367,778
1	Food preparations, not elsewhere classified	6	7	3	5	45	4,348	6,247	30,073	136,613	233,216	96,603
17	Food-products machinery	3	----	2	3	19	2,097	4,021	25,705	46,694	98,041	51,347
4	Fur coats and other fur garments, accessories, and trimmings	3	----	4	5	79	1,920	8,825	91,710	159,855	304,792	144,937
8	General commercial (job) printing	52	47	41	99	611	155,515	176,259	830,274	1,160,188	3,170,559	2,010,371
16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	4	6	4	1	27	(4)	(4)	(4)	(4)	(4)	(4)
14	Gray-iron and semisteel castings	7	4	7	19	236	9,524	41,125	299,191	243,642	1,017,719	774,077
20	Hand stamps, stencils, and brands	3	2	----	7	18	(4)	(4)	(4)	(4)	(4)	(4)
4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	6	5	3	4	62	(4)	(4)	(4)	(4)	(4)	(4)
6	Household furniture, except upholstered	5	1	3	3	36	(4)	(4)	(4)	(4)	(4)	(4)
1	Ice cream and ices	5	----	13	5	42	71,577	9,394	57,944	422,784	768,388	345,604
1	Ice, manufactured	3	6	----	3	19	(4)	(4)	(4)	(4)	(4)	(4)
8	Machine and hand typesetting (including advertisement typesetting)	3	1	5	5	18	12,445	5,202	31,135	15,864	81,590	65,726
17	Machine-shop products, not elsewhere classified	4	2	6	7	64	31,600	14,544	101,778	208,074	433,955	225,881
17	Machine-shop repairs	5	5	1	----	27	1,500	----	23,605	18,998	92,691	73,693
6	Mattresses and bedsprings	4	6	7	15	261	(4)	(4)	(4)	(4)	(4)	(4)
1	Meat packing, wholesale	3	1	4	24	212	(4)	(4)	(4)	(4)	(4)	(4)
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	3	2	3	1	71	(4)	(4)	(4)	(4)	(4)	(4)
13	Mirrors and other glass products made of purchased glass	3	2	----	----	9	----	----	13,172	20,499	45,969	25,470
20	Models and patterns (except paper patterns)	3	4	----	3	13	----	3,713	21,468	6,551	48,083	41,532
8	Newspapers: publishing without printing	3	2	----	4	----	(4)	(4)	(4)	(4)	(4)	(4)
1	Nonalcoholic beverages	6	10	3	3	59	13,900	5,006	61,216	257,809	553,959	296,150
15	Nonferrous-metal products not elsewhere classified	3	1	2	9	40	(4)	(4)	(4)	(4)	(4)	(4)
9	Paints, varnishes, and lacquers	6	1	10	15	77	52,095	32,381	111,113	737,956	1,224,384	486,428
6	Partitions, shelving, cabinet work, and office and store fixtures	6	3	5	14	134	32,400	21,986	202,763	251,412	615,633	364,221
9	Perfumes, cosmetics, and other toilet preparations	7	6	8	11	102	40,838	18,975	71,307	257,182	621,461	364,279
8	Periodicals: publishing and printing	5	----	8	104	331	49,914	198,435	525,613	671,097	2,125,687	1,454,590
8	Periodicals: publishing without printing	16	8	10	76	----	36,152	77,775	----	222,115	773,126	551,011
5	Planing mills not operated in conjunction with sawmills	8	2	6	26	201	39,900	45,399	238,994	495,552	1,142,324	646,772
1	Prepared feeds (including mineral) for animals and fowls	5	----	4	2	16	12,950	2,660	16,344	98,342	183,495	85,153
17	Pumping equipment and air compressors	3	----	7	12	43	24,720	20,046	61,287	181,901	362,327	180,426
12	Saddlery, harness, and whips	3	2	----	1	35	(4)	(4)	(4)	(4)	(4)	(4)
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	7	9	3	2	77	15,600	6,610	113,225	1,057,785	1,453,007	395,222
15	Sheet-metal work not specifically classified	5	2	3	13	132	14,339	31,871	196,519	630,447	1,088,500	458,053
20	Signs, advertising displays, and advertising novelties	8	8	5	4	197	(4)	(4)	(4)	(4)	(4)	(4)
14	Stamped and pressed metal products (except automobile stampings)	4	1	4	6	46	33,025	12,662	46,898	106,285	280,022	173,737
6	Window shades	3	5	----	----	10	(4)	(4)	(4)	(4)	(4)	(4)
14	Wirework not elsewhere classified	3	1	4	6	32	11,520	8,495	41,328	102,756	227,816	125,060
6	Wood preserving	3	----	5	9	71	(4)	(4)	(4)	(4)	(4)	(4)
4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	8	8	5	18	386	14,833	24,944	316,504	773,606	1,419,018	645,412
	Other industries [5]	269	158	279	1,481	12,544	1,982,541	2,947,810	15,792,381	62,791,246	124,882,194	62,090,948
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	42	21	31	90	1,757	160,520	208,094	2,156,637	14,933,407	28,626,707	13,693,300
4	Apparel and other finished products made from fabrics and similar materials	34	32	22	38	918	77,317	65,418	798,137	2,060,692	3,724,557	1,663,865
6	Furniture and finished lumber products	27	18	24	46	572	94,013	74,385	630,424	1,930,382	3,386,505	1,456,123
7	Paper and allied products	9	1	16	44	776	161,416	110,276	1,021,880	2,188,515	5,626,689	3,438,174
8	Printing, publishing, and allied industries	24	8	46	532	1,696	411,250	897,489	2,896,252	3,173,707	15,000,312	11,826,605

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
						ST. PAUL Continued						
9	Chemicals and allied products	17	6	21	22	83	$114,195	$37,416	$106,507	$1,312,344	$2,204,735	$892,391
12	Leather and leather products	5	3	2	2	67	15,820	3,552	69,702	215,683	356,878	141,195
14	Iron and steel and their products, except machinery	20	9	24	144	939	126,470	290,564	1,111,412	2,716,173	5,834,516	3,118,343
15	Nonferrous metals and their products	8	7	2	15	78	24,173	35,317	96,025	758,031	1,247,455	489,424
16	Electrical machinery	13	9	11	24	227	28,146	36,217	302,128	1,184,871	1,943,465	758,594
17	Machinery (except electrical)	15	10	23	260	1,954	280,754	406,356	1,891,865	5,514,836	11,119,497	5,604,661
19	Transportation equipment except automobiles	3	1	2	14	237	4,890	23,930	304,397	406,372	820,907	414,535
20	Miscellaneous industries	28	21	26	35	549	107,124	65,392	551,556	1,324,593	3,027,527	1,702,934
2	Tobacco manufactures	3	1	1	3	40						
3	Textile-mill products and other fiber manufactures	6	9	3	15	211						
10	Products of petroleum and coal	3	.	3	37	241	376,453	693,404	3,855,459	25,071,640	41,962,444	16,890,804
13	Stone, clay, and glass products	6	.	14	86	1,166						
18	Automobiles and automobile equipment	6	2	8	74	1,033						

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] Figures do not include data for personnel of central-administrative offices.

[2] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

[4] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.

[5] For numbers of establishments and of wage earners in individual industries, see table 12.

[a] and [b] To avoid disclosing exact or approximate data for individual establishments, the data for certain establishments located outside Minneapolis have been included in the figures for the industries to which these footnotes are indexed. Data for these establishments are not, however, included in the total for the city.

[a] 1 establishment. [b] 2 establishments.

TABLE 11.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939

COUNTY	Total	INDUSTRY GROUP 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
The State	4,008	1,866	5	27	142	160	134	45	650	154	13	4	20	167	139	80	44	197	27	20	114
Aitkin	17	9	.	.	.	6	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.
Anoka	24	10	.	.	.	2	4	.	2	1	.	.	.	1	1	.	.	3	.	.	.
Becker	21	12	.	.	.	3	.	.	2	.	.	.	.	1	.	.	.	2	.	1	.
Beltrami	26	13	.	1	.	6	1	.	2	.	.	.	.	1	.	.	.	1	.	1	.
Benton	29	14	.	.	.	2	.	2	2	.	.	.	.	7	.	.	.	2	.	.	.
Big Stone	9	7	.	.	.	.	.	.	1	.	.	.	.	1	.	.	.	.	.	.	.
Blue Earth	60	36	.	.	.	.	3	1	7	3	.	.	.	4	1	.	3	1	.	.	1
Brown	48	27	.	.	1	.	2	.	10	.	.	.	.	4	.	.	.	2	1	.	1
Carlton	31	13	.	.	.	2	3	4	4	.	.	.	.	3	1	.	.	.	.	.	1
Carver	28	23	.	.	.	.	.	.	2	.	.	.	.	1	1	.	.	.	1	.	.
Cass	22	10	.	.	.	8	1	.	2	.	.	.	.	.	.	.	.	.	.	1	.
Chippewa	17	13	.	.	.	.	.	.	4	.	.	.	.	.	.	.	.	.	.	.	.
Chisago	28	20	.	.	.	2	.	.	3	.	.	.	.	1	.	.	.	1	1	.	.
Clay	19	13	.	.	.	.	.	.	5	.	.	.	.	1	.	.	.	.	.	.	.
Clearwater	11	7	.	.	.	3	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.
Cook	13	.	.	.	.	13	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Cottonwood	15	10	.	.	.	.	.	.	4	.	.	.	.	.	.	1	.	.	.	.	.
Crow Wing	28	11	.	.	1	7	1	2	5	.	.	.	.	.	.	1	.	.	.	.	.
Dakota	26	9	.	.	.	.	1	1	6	.	.	.	.	1	2	.	.	2	.	2	2
Dodge	19	18	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.
Douglas	29	23	.	.	.	.	.	.	4	.	.	.	.	1	.	.	.	.	.	1	.
Faribault	31	25	.	.	.	1	.	.	3	1	.	.	.	1	.	.	.	.	.	.	.
Fillmore	32	24	.	.	.	.	.	.	7	1	.	.	.	.	.	.	.	.	.	.	.
Freeborn	46	34	.	.	.	1	.	.	3	1	.	.	.	1	3	1	.	2	.	.	.
Goodhue	65	41	.	.	.	2	.	.	8	1	.	1	3	4	.	1	.	3	.	.	1
Grant	10	9	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.
Hennepin	1,143	290	2	10	83	15	62	15	208	80	5	2	9	25	72	49	24	111	15	3	63
Houston	18	15	.	.	.	.	.	.	3	.	.	.	.	.	.	.	.	.	.	.	.
Hubbard	10	6	.	.	.	2	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.
Isanti	18	13	.	1	.	.	.	.	2	.	.	.	.	1	1	.	.	.	.	.	.
Itasca	42	16	.	.	.	16	.	2	6	.	.	.	.	1	.	.	.	1	.	.	.
Jackson	17	13	.	.	.	1	.	.	3	.	.	.	.	.	.	.	.	.	.	.	.
Kanabec	10	7	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	1	.	.	.
Kandiyohi	26	17	.	.	.	1	.	.	2	.	.	.	.	5	.	.	.	1	.	.	.
Kittson	7	6	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.
Koochiching	21	8	.	.	.	8	.	2	2	.	.	.	.	1	.	.	.	.	.	.	.
Lac qui Parle	13	10	.	.	.	.	.	.	3	.	.	.	.	.	.	.	.	.	.	.	.
Lake	10	3	.	.	.	6	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.
Lake of the Woods	7	4	.	.	.	.	.	.	1	2	.	.	.	.	.	.	.	.	.	.	.
Le Sueur	23	17	.	.	.	.	1	.	4	.	.	.	.	1	.	.	.	.	.	.	.

TABLE 11.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939—Continued

COUNTY	Total	INDUSTRY GROUP																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Lincoln	12	8							3					1							
Lyon	21	17							3					1							
McLeod	32	22							5	1				2				2			
Mahnomen	6	4				1			1												
Marshall	13	11							2												
Martin	31	22							4	1				3				1			
Meeker	33	25		1					5	1								1			
Mille Lacs	17	12					1		3								1				
Morrison	33	26				2		1	2					1				1			
Mower	36	23		1		1			5					4					1	1	
Murray	8	5							1					1				1			
Nicollet	20	17			1	1			1												
Nobles	13	7							4	1				1							
Norman	13	11							2												
Olmsted	36	24				1			7					1	1		2				
Otter Tail	45	33				2	1		7					2							
Pennington	19	14				1			2									2			
Pine	27	21				1			3					2							
Pipestone	19	12					1		3	1		1									1
Polk	36	30				1			4					1							
Pope	18	14							3					1							
Ramsey	575	140	3	6	45	8	36	14	112	42	3		5	24	35	14	13	33	6	5	31
Red Lake	11	9		1					1												
Redwood	20	14							4					2							
Renville	24	19							5												
Rice	47	26		1		2	3		7				1	1		1		3			2
Rock	8	3							3					1					1		
Roseau	17	11				1			3						1			1			
St. Louis	223	81		3	7	16	8	1	50	11	4			11	9	6		6	1	2	7
Scott	21	15					1		3					1	1						
Sherburne	9	6				1			1					1							
Sibley	17	13							3					1							
Stearns	102	62				2	1		8					23	1			3			2
Steele	46	29				1			6					1	1	5		3			
Stevens	12	9							2					1							
Swift	16	14							2												
Todd	25	19				1			4					1							
Traverse	5	4							1												
Wabasha	24	18				1			3						1					1	
Wadena	22	14				5			2					1							
Waseca	25	18							4	1							1	1			
Washington	36	16			2	3	1		5	1	1		1		1	1		2		2	
Watonwan	21	16							4					1							
Wilkin	7	6							1												
Winona	77	40		2	2	1	1		8	4			1	6	6			4			2
Wright	46	38					1		4					3							
Yellow Medicine	15	12							3												

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE MINNEAPOLIS-ST. PAUL INDUSTRIAL AREA, AND FOR DULUTH, MINNEAPOLIS, AND ST. PAUL: 1939

[In order to avoid disclosing data for individual establishments, wage-earner figures for industries represented by fewer than three establishments are withheld]

Group No.[1]	TITLE	Number of establishments	Wage earners
	STATE OF MINNESOTA		
1	Baking powder, yeast, and other leavening compounds	1	
	Beet sugar	2	
	Cured fish	1	
	Liquors, rectified or blended	2	
	Pickled fruits and vegetables and vegetable sauces and seasonings	7	115
	Preserves, jams, jellies, and fruit butters	4	75
	Salad dressings	2	
	Sausage casings—not made in meat-packing establishments	2	
	Special dairy products	2	
	Vinegar and cider	1	
	Wines	1	
2	Cigars	4	
	Tobacco (chewing and smoking) and snuff	1	
3	Batting, padding, and wadding; upholstery filling	3	72
	Carpets and rugs, wool	1	
	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	2	
	Hosiery—full-fashioned	2	
	Knitted cloth	1	
	Knitted underwear	2	
	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	2	
	Woolen and worsted manufactures—contract factories	1	
	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	4	361
	STATE OF MINNESOTA—Continued		
4	Curtains, draperies, and bedspreads—contract factories	1	
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	2	
	Dress and semidress gloves and mittens: cloth, cloth and leather combined	1	
	Embroideries, other than Schiffli-machine products—contract factories	2	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	9	401
	Men's and boys' hats and caps (except felt and straw)	2	
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	2	
	Men's neckwear—made in inside factories or by jobbers engaging contractors	3	33
	Suspenders, garters, and other goods made from purchased elastic material	2	
	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories	1	
	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	1	
	Trousers (semidress), wash suits, and washable service apparel	3	175
	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics	1	
	Women's, children's, and infants' underwear and nightwear of knitted fabrics	2	

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE MINNEAPOLIS-ST. PAUL INDUSTRIAL AREA, AND FOR DULUTH, MINNEAPOLIS, AND ST. PAUL: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	STATE OF MINNESOTA—Continued		
4	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	1	
	Work gloves and mittens, cloth, cloth and leather combined	3	177
6	Cigar boxes, wooden, part wooden	1	
	Excelsior	1	
	Laboratory, hospital, and other professional furniture	1	
	Matches	2	
	Mirror frames and picture frames	1	
	Public-building furniture	2	
	Window and door screens and weather strip	3	174
	Wood products not elsewhere classified	4	335
7	Coated and glazed paper	1	
	Converted paper products not elsewhere classified	3	
	Fiber cans, tubes, and similar products	1	
8	Books: publishing and printing	4	
	Greeting cards (except hand painted)	2	
	Lithographing and photolithographing (including preparation of stones or plates and dry transfers)	8	1,144
9	Ammunition	1	
	Bluing	1	
	Chemicals not elsewhere classified	4	42
	Coal-tar products, crude and intermediate	2	
	Fertilizers	2	
	Glue and gelatin	2	
	Mucilage, paste, and other adhesives, except glue and rubber cement	1	
	Printing ink	2	
	Salt	1	
	Soybean oil, cake, and meal	1	
	Writing ink	1	
10	Fuel briquets	5	
	Petroleum refining	1	
11	Rubber products not elsewhere classified	3	
	Tires and inner tubes	1	
12	Industrial leather belting and packing leather	3	43
	Leather gloves and mittens	2	
	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	1	
	Small leather goods	1	
	Suitcases, brief cases, bags, trunks, and other luggage	1	
13	Abrasive wheels, stones, paper, cloth, and related products	1	
	Cement	2	
	Flat glass	1	
	Floor and wall tile (except quarry tile)	1	
	Lime	2	
	Mineral wool	2	
	Pottery products not elsewhere classified	1	
	Sand-lime brick, block and tile	2	
	Sewer pipe and kindred products	2	
	Statuary and art goods (except stone and concrete)—factory production	1	
	Steam and other packing; pipe and boiler covering	2	
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	3	752
14	Automobile stampings	1	
	Blast-furnace products	2	
	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	3	147
	Cast-iron pipe and fittings	1	
	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	1	
	Doors, window sash, frames, molding, and trim (made of metal)	2	
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semi-vitreous china sanitary ware)	1	
	Enameling, japanning, and lacquering	2	
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	2	
	Heating and cooking apparatus, except electric, not elsewhere classified	3	25
	Malleable-iron castings	1	
	Power boilers and associated products	5	297
	Screw-machine products and wood screws	3	36
	Steam and hot-water heating apparatus (including hot-water furnaces)	2	
	Steam fittings, regardless of material	2	
	Steel barrels, kegs, and drums	1	
	Steel castings	2	
	Steel works and rolling mills	1	
	Tin cans and other tinware not elsewhere classified	5	310
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	2	
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	1	
	STATE OF MINNESOTA—Continued		
16	Automotive electrical equipment	1	
	Electrical appliances	1	
	Electrical measuring instruments	1	
	Wiring devices and supplies	1	
	X-ray and therapeutic apparatus and electronic tubes	1	
17	Agricultural machinery (except tractors)	15	651
	Blowers; exhaust and ventilating fans	2	
	Cars and trucks, industrial	1	
	Commercial laundry, dry-cleaning, and pressing machinery	5	27
	Elevators, escalators, and conveyors	5	230
	Internal-combustion engines	3	240
	Laundry equipment, domestic	1	
	Machine tools	2	
	Measuring and dispensing pumps	2	
	Mechanical power-transmission equipment	2	
	Office and store machines not elsewhere classified	1	
	Paper-mill, pulp-mill, and paper-products machinery	3	79
	Printing-trades machinery and equipment	8	115
	Special-industry machinery, not elsewhere classified	2	
	Stokers, mechanical, domestic and industrial	1	
	Tractors	3	1,111
	Vending, amusement, and other coin-operated machines	1	
18	Automobile trailers (for attachment to passenger cars)	1	
	Motor vehicles, motor-vehicle bodies, parts and accessories	26	
19	Cars and car equipment—railroad, street, and rapid-transit	4	
	Transportation equipment not elsewhere classified	2	
20	Brushes	2	
	Buttons	1	
	Children's vehicles	2	
	Fire extinguishers, chemical	1	
	Furs, dressed and dyed	1	
	Games and toys (except dolls and children's vehicles)	2	
	Jewelry cases and instrument cases	1	
	Photographic apparatus and materials and projection equipment (except lenses)	1	
	Professional and scientific instruments (except surgical and dental)	1	
	Soda fountains, beer dispensing equipment, and related products	1	
	Tobacco pipes and cigarette holders	1	
	MINNEAPOLIS-ST. PAUL INDUSTRIAL AREA		
1	Biscuit, crackers, and pretzels	9	
	Canned and dried fruits and vegetables (including canned soups)	1	
	Cheese	2	
	Liquors, rectified or blended	2	
	Malt	4	127
	Pickled fruits and vegetables and vegetable sauces and seasonings	4	83
	Preserves, jams, jellies, and fruit butters	4	75
	Salad dressings	2	
	Sausage casings—not made in meat-packing establishments	2	
	Special dairy products	2	
	Vinegar and cider	1	
	Wines	1	
2	Cigars	4	
	Tobacco (chewing and smoking) and snuff	1	
3	Batting, padding, and wadding; upholstery filling	1	
	Carpets and rugs, wool	1	
	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	2	
	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	2	
	Hosiery—full-fashioned	1	
	Knitted cloth	1	
	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	4	
	Knitted underwear	2	
	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	1	
	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	1	
4	Curtains, draperies, and bedspreads—contract factories	1	
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	2	
	Dress and semidress gloves and mittens: cloth, cloth and leather combined	1	
	Embroideries, other than Schiffli-machine products—contract factories	2	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	9	401
	Men's and boys' hats and caps (except felt and straw)	2	

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE MINNEAPOLIS-ST. PAUL INDUSTRIAL AREA, AND FOR DULUTH, MINNEAPOLIS, AND ST. PAUL: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	MINNEAPOLIS-ST. PAUL INDUSTRIAL AREA—Continued		
4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	2	
	Men's neckwear—made in inside factories or by jobbers engaging contractors	3	33
	Miscellaneous fabricated textile products not elsewhere classified	5	
	Suspenders, garters, and other goods made from purchased elastic material	2	
	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories	1	
	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	1	
	Trousers (semidress), wash suits, and washable service apparel	2	
	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics	1	
	Women's, children's, and infants' underwear and nightwear of knitted fabrics	2	
	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	1	
	Work gloves and mittens: cloth, cloth and leather combined	2	
6	Baskets for fruits and vegetables	2	
	Cigar boxes: wooden, part wooden	1	
	Cooperage	4	82
	Excelsior	1	
	Laboratory, hospital, and other professional furniture	1	
	Mirror frames and picture frames	1	
	Public-building furniture	2	
	Window and door screens and weather strip	3	174
	Wood preserving	10	
	Wood products not elsewhere classified	2	
7	Coated and glazed paper	1	
	Converted paper products not elsewhere classified	3	
	Fiber cans, tubes, and similar products	1	
	Paper and paperboard mills	3	630
8	Books: printing without publishing	11	
	Books: publishing and printing	4	
	Greeting cards (except hand-painted)	2	
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	6	
9	Bluing	1	
	Chemicals not elsewhere classified	3	
	Cleaning and polishing preparations, blackings, and dressings	11	
	Coal-tar products, crude and intermediate	2	
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	9	
	Drugs and medicines (including drug grinding)	20	108
	Fertilizers	1	
	Glue and gelatin	2	
	Linseed oil, cake, and meal	4	
	Lubricating oils and greases—not made in petroleum refineries	11	
	Mucilage, paste, and other adhesives, except glue and rubber cement	1	
	Printing ink	2	
	Writing ink	1	
10	Fuel briquets	4	
	Oven coke and coke-oven byproducts	1	
	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	3	
11	Rubber products not elsewhere classified	2	
12	Footwear (except rubber)	2	
	Industrial leather belting and packing leather	3	43
	Leather gloves and mittens	1	
	Small leather goods	1	
	Suitcases, brief cases, bags, trunks, and other luggage	1	
13	Abrasive wheels, stones, paper, cloth, and related products	1	
	Brick and hollow structural tile	1	
	Flat glass	1	
	Mineral wool	1	
	Sand-lime brick, block and tile	2	
	Statuary and art goods (except stone and concrete)—factory production	1	
	Steam and other packing; pipe and boiler covering	2	
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	1	
14	Automobile stampings	1	
	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	3	147
	Cast-iron pipe and fittings	1	
	Doors, window sash, frames, molding, and trim (made of metal)	2	
	MINNEAPOLIS-ST. PAUL INDUSTRIAL AREA—Continued		
14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	1	
	Enameling, japanning, and lacquering	2	
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	2	
	Hardware not elsewhere classified	4	
	Heating and cooking apparatus, except electric, not elsewhere classified	3	25
	Malleable-iron castings	1	
	Power boilers and associated products	4	
	Screw-machine products and wood screws	3	36
	Steam and hot-water heating apparatus (including hot-water furnaces)	2	
	Steam fittings, regardless of material	2	
	Steel barrels, kegs, and drums	1	
	Steel castings	1	
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	7	126
	Tin cans and other tinware not elsewhere classified	3	
	Tools (except edge tools, machine tools, files, and saws)	6	47
	Wirework not elsewhere classified	11	
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	2	
	Electroplating, plating, and polishing	9	
	Jewelry (precious metals)	9	
	Nonferrous-metal foundries (except aluminum)	4	
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	1	
16	Automotive electrical equipment	1	
	Communication equipment	4	
	Electrical appliances	1	
	Electrical measuring instruments	1	
	Electrical products not elsewhere classified	2	
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	17	312
	Radios, radio tubes, and phonographs	3	
	Wiring devices and supplies	1	
	X-ray and therapeutic apparatus and electronic tubes	1	
17	Agricultural machinery (except tractors)	7	624
	Blowers; exhaust and ventilating fans	2	
	Commercial laundry, dry-cleaning, and pressing machinery	5	27
	Construction and similar machinery (except mining and oil-field machinery and tools)	6	499
	Elevators, escalators, and conveyors	5	230
	Industrial machinery, not elsewhere classified	13	
	Internal-combustion engines	1	
	Machine tools	1	
	Measuring and dispensing pumps	2	
	Mechanical power-transmission equipment	2	
	Metalworking machinery and equipment, not elsewhere classified	4	
	Paper-mill, pulp-mill, and paper-products machinery	2	
	Printing-trades machinery and equipment	8	115
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	10	1,590
	Special-industry machinery, not elsewhere classified	2	
	Stokers, mechanical, domestic and industrial	1	
	Tractors	2	
	Vending, amusement, and other coin-operated machines	1	
	Woodworking machinery	2	
18	Automobile trailers (for attachment to passenger cars)	1	
	Motor vehicles, motor-vehicle bodies, parts and accessories	20	
19	Cars and car equipment—railroad, street, and rapid-transit	3	
	Transportation equipment not elsewhere classified	2	
20	Brushes	2	
	Buttons	1	
	Children's vehicles	2	
	Fire extinguishers, chemical	1	
	Furs, dressed and dyed	1	
	Games and toys (except dolls and children's vehicles)	2	
	Jewelry cases and instrument cases	1	
	Miscellaneous fabricated products not elsewhere classified	4	
	Photographic apparatus and materials and projection equipment (except lenses)	1	
	Professional and scientific instruments (except surgical and dental)	1	
	Soda fountains, beer dispensing equipment, and related products	1	
	Sporting and athletic goods not elsewhere classified	9	214
	Tobacco pipes and cigarette holders	1	

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE MINNEAPOLIS-ST. PAUL INDUSTRIAL AREA, AND FOR DULUTH, MINNEAPOLIS, AND ST. PAUL: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	DULUTH		
1	Biscuit, crackers, and pretzels	1	
	Candy and other confectionery products	1	
	Creamery butter	2	
	Cured fish	1	
	Flavoring extracts and flavoring sirups, not elsewhere classified	1	
	Flour and other grain-mill products	1	
	Food preparations, not elsewhere classified	1	
	Ice, manufactured	1	
	Malt	1	
	Meat packing, wholesale	1	
	Poultry dressing and packing, wholesale	2	
	Prepared feeds (including mineral) for animals and fowls	2	
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	3	25
3	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	1	
	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	2	
4	Fur coats and other fur garments, accessories, and trimmings	2	
	Miscellaneous fabricated textile products not elsewhere classified	1	
	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	1	
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	3	49
6	Caskets, coffins, burial cases, and other morticians' goods	1	
	Mattresses and bedsprings	2	
	Partitions, shelving, cabinet work, and office and store fixtures	1	
	Wooden boxes except cigar boxes	1	
7	Paperboard containers and boxes not elsewhere classified	1	
8	Bookbinding and related industries	2	
	Newspapers: publishing and printing	7	200
	Newspapers: publishing without printing	1	
	Periodicals: publishing and printing	1	
	Periodicals: publishing without printing	7	
	Photoengraving, not done in printing establishments (including preparation of plates)	1	
9	Chemicals not elsewhere classified	1	
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	2	
	Drugs and medicines (including drug grinding)	1	
	Lubricating oils and greases—not made in petroleum refineries	1	
	Paints, varnishes, and lacquers	3	31
	Salt	1	
10	Fuel briquets	1	
	Oven coke and coke-oven byproducts	2	
	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	1	
13	Brick and hollow structural tile	1	
	Cement	1	
	Lime	1	
14	Blast-furnace products	2	
	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	1	
	Gray-iron and semisteel castings	2	
	Steel works and rolling mills	1	
	Tools (except edge tools, machine tools, files, and saws)	1	
15	Electroplating, plating, and polishing	1	
	Nonferrous-metal foundries (except aluminum)	1	
	Sheet-metal work not specifically classified	3	32
17	Construction and similar machinery (except mining and oil-field machinery and tools)	1	
	Laundry equipment, domestic	1	
	Machine-shop products, not elsewhere classified	1	
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	2	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	1	
19	Shipbuilding and ship repairing	2	
20	Brooms	1	
	Miscellaneous fabricated products not elsewhere classified	1	
	Signs, advertising displays, and advertising novelties	2	

See footnote at end of table.

Group No.[1]	TITLE	Number of establishments	Wage earners
	MINNEAPOLIS		
1	Biscuit, crackers, and pretzels	7	253
	Cereal preparations	5	
	Cheese	1	
	Condensed and evaporated milk	1	
	Flour and other grain-mill products	9	1,131
	Ice, manufactured	4	38
	Liquors, rectified or blended	1	
	Macaroni, spaghetti, vermicelli, and noodles	3	
	Malt	3	
	Malt liquors	2	
	Pickled fruits and vegetables and vegetable sauces and seasonings	2	
	Poultry dressing and packing, wholesale	2	
	Preserves, jams, jellies, and fruit butters	1	
	Salad dressings	2	
	Sausage casings—not made in meat-packing establishments	1	
	Special dairy products	2	
2	Cigars	2	
3	Batting, padding, and wadding; upholstery filling	1	
	Carpets and rugs, wool	1	
	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	1	
	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	1	
	Hosiery—full-fashioned	1	
	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	2	
	Knitted underwear	2	
	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	1	
4	Canvas products (except bags)	1	
	Clothing, leather and sheep-lined	2	
	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	3	
	Curtains, draperies, and bedspreads—contract factories	1	
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	1	
	Embroideries, other than Schiffli-machine products—contract factories	1	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	3	339
	Housefurnishings (except curtains, draperies, and bedspreads)	2	
	Men's and boys' hats and caps (except felt and straw)	1	
	Men's and boys' shirts (except work shirts), collars, and night-wear—made in inside factories or by jobbers engaging contractors	2	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	7	284
	Men's neckwear—made in inside factories or by jobbers engaging contractors	3	33
	Millinery	2	
	Miscellaneous fabricated textile products not elsewhere classified	3	9
	Suspenders, garters, and other goods made from purchased elastic material	1	
	Trousers (semidress), wash suits, and washable service apparel	2	
	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	3	
	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	12	
	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics	1	
	Women's children's, and infants' underwear and nightwear of knitted fabrics	2	
	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	1	
	Work gloves and mittens: cloth, cloth and leather combined	2	
6	Baskets for fruits and vegetables	1	
	Caskets, coffins, burial cases, and other morticians' goods	4	83
	Cooperage	1	
	Excelsior	1	
	Laboratory, hospital, and other professional furniture	1	
	Mattresses and bedsprings	3	
	Mirror frames and picture frames	1	
	Office furniture	1	
	Public-building furniture	2	
	Venetian blinds	2	
	Window and door screens and weather strip	3	174
	Wooden boxes except cigar boxes	5	29
	Wood products not elsewhere classified	2	
7	Coated and glazed paper	1	
	Converted paper products not elsewhere classified	1	
	Paper and paperboard mills	2	

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE MINNEAPOLIS-ST. PAUL INDUSTRIAL AREA, AND FOR DULUTH, MINNEAPOLIS, AND ST. PAUL: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	MINNEAPOLIS—Continued		
8	Bookbinding and related industries	9	132
	Books: publishing and printing	2	
	Electrotyping and stereotyping, not done in printing establishments	3	
	Greeting cards (except hand-painted)	2	
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	3	91
	Newspapers: publishing and printing	6	890
	Newspapers: publishing without printing	2	
9	Bluing	1	
	Chemicals not elsewhere classified	2	
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	8	63
	Drugs and medicines (including drug grinding)	13	
	Glue and gelatin	2	
	Linseed oil, cake, and meal	4	
	Perfumes, cosmetics, and other toilet preparations	4	
	Printing ink	1	
	Soap and glycerin	7	
	Writing ink	1	
10	Fuel briquets	3	
	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	2	
11	Rubber products not elsewhere classified	2	
12	Footwear (except rubber)	2	
	Industrial leather belting and packing leather	2	
	Saddlery, harness, and whips	3	8
	Small leather goods	1	
	Suitcases, brief cases, bags, trunks, and other luggage	1	
13	Mineral wool	1	
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	5	
	Steam and other packing; pipe and boiler covering	1	
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	1	
14	Automobile stampings	1	
	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	3	147
	Doors, window sash, frames, molding, and trim (made of metal)	1	
	Enameling, japanning, and lacquering	1	
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	1	
	Hardware not elsewhere classified	2	
	Heating and cooking apparatus, except electric, not elsewhere classified	2	
	Oil burners, domestic and industrial	5	
	Power boilers and associated products	3	
	Screw-machine products and wood screws	3	36
	Stamped and pressed metal products (except automobile stampings)	4	
	Steam and hot-water heating apparatus (including hot-water furnaces)	2	
	Steam fittings, regardless of material	1	
	Steel barrels, kegs, and drums	1	
	Steel castings	1	
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	5	
	Tin cans and other tinware not elsewhere classified	1	
	Tools (except edge tools, machine tools, files, and saws)	3	
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	1	
	Jewelry (precious metals)	9	
	Nonferrous-metal products not elsewhere classified	2	
16	Automotive electrical equipment	1	
	Batteries, storage and primary (dry and wet)	2	
	Communication equipment	3	
	Electrical measuring instruments	1	
	Electrical products not elsewhere classified	2	
	Radios, radio tubes, and phonographs	1	
	X-ray and therapeutic apparatus and electronic tubes	1	
17	Agricultural machinery (except tractors)	4	
	Blowers; exhaust and ventilating fans	2	
	Commercial laundry, dry-cleaning, and pressing machinery	5	27
	Construction and similar machinery (except mining and oil-field machinery and tools)	5	
	Elevators, escalators, and conveyors	2	
	Industrial machinery not elsewhere classified	13	
	Internal-combustion engines	1	
	Machine tools	1	
	Measuring and dispensing pumps	2	
	Mechanical power-transmission equipment	2	
	Metalworking machinery and equipment, not elsewhere classified	4	
	Paper-mill, pulp-mill, and paper-products machinery	1	
	Printing-trades machinery and equipment	6	
	Pumping equipment and air compressors	1	
	MINNEAPOLIS—Continued		
17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	8	
	Special-industry machinery, not elsewhere classified	2	
	Stokers, mechanical, domestic and industrial	1	
	Tractors	1	
	Vending, amusement, and other coin-operated machines	1	
	Woodworking machinery	1	
18	Automobile trailers (for attachment to passenger cars)	1	
20	Beauty-shop and barber-shop equipment	5	
	Brooms	4	
	Brushes	1	
	Children's vehicles	2	
	Dental equipment and supplies	2	
	Games and toys (except dolls and children's vehicles)	1	
	Hand stamps, stencils, and brands	4	23
	Miscellaneous fabricated products not elsewhere classified	3	
	Photographic apparatus and materials and projection equipment (except lenses)	1	
	Professional and scientific instruments (except surgical and dental)	1	
	Signs, advertising displays, and advertising novelties	19	181
	Tobacco pipes and cigarette holders	1	
	ST. PAUL		
1	Biscuit, crackers, and pretzels	2	
	Candy and other confectionery products	8	180
	Cereal preparations	1	
	Condensed and evaporated milk	2	
	Flavoring extracts and flavoring sirups, not elsewhere classified	4	
	Flour and other grain-mill products	3	
	Ice, manufactured	3	19
	Liquors, rectified or blended	1	
	Macaroni, spaghetti, vermicelli, and noodles	2	
	Malt	1	
	Malt liquors	3	
	Meat packing, wholesale	3	212
	Pickled fruits and vegetables and vegetable sauces and seasonings	2	
	Poultry dressing and packing, wholesale	2	
	Preserves, jams, jellies, and fruit butters	3	
	Sausage casings—not made in meat-packing establishments	1	
	Wines	1	
2	Cigars	2	
	Tobacco (chewing and smoking) and snuff	1	
3	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	1	
	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	1	
	Knitted cloth	1	
	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	2	
	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	1	
4	Canvas products (except bags)	3	
	Clothing, leather and sheep-lined	2	
	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	1	
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	1	
	Dress and semidress gloves and mittens: cloth, cloth and leather combined	1	
	Embroideries, other than Schiffli-machine products—contract factories	1	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	6	62
	Housefurnishings (except curtains, draperies, and bedspreads)	4	
	Men's and boys' hats and caps (except felt and straw)	1	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	1	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	3	71
	Millinery	2	
	Miscellaneous fabricated textile products not elsewhere classified	2	
	Suspenders, garters, and other goods made from purchased elastic material	1	
	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories	1	
	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	1	
	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	2	

See footnote at end of table.

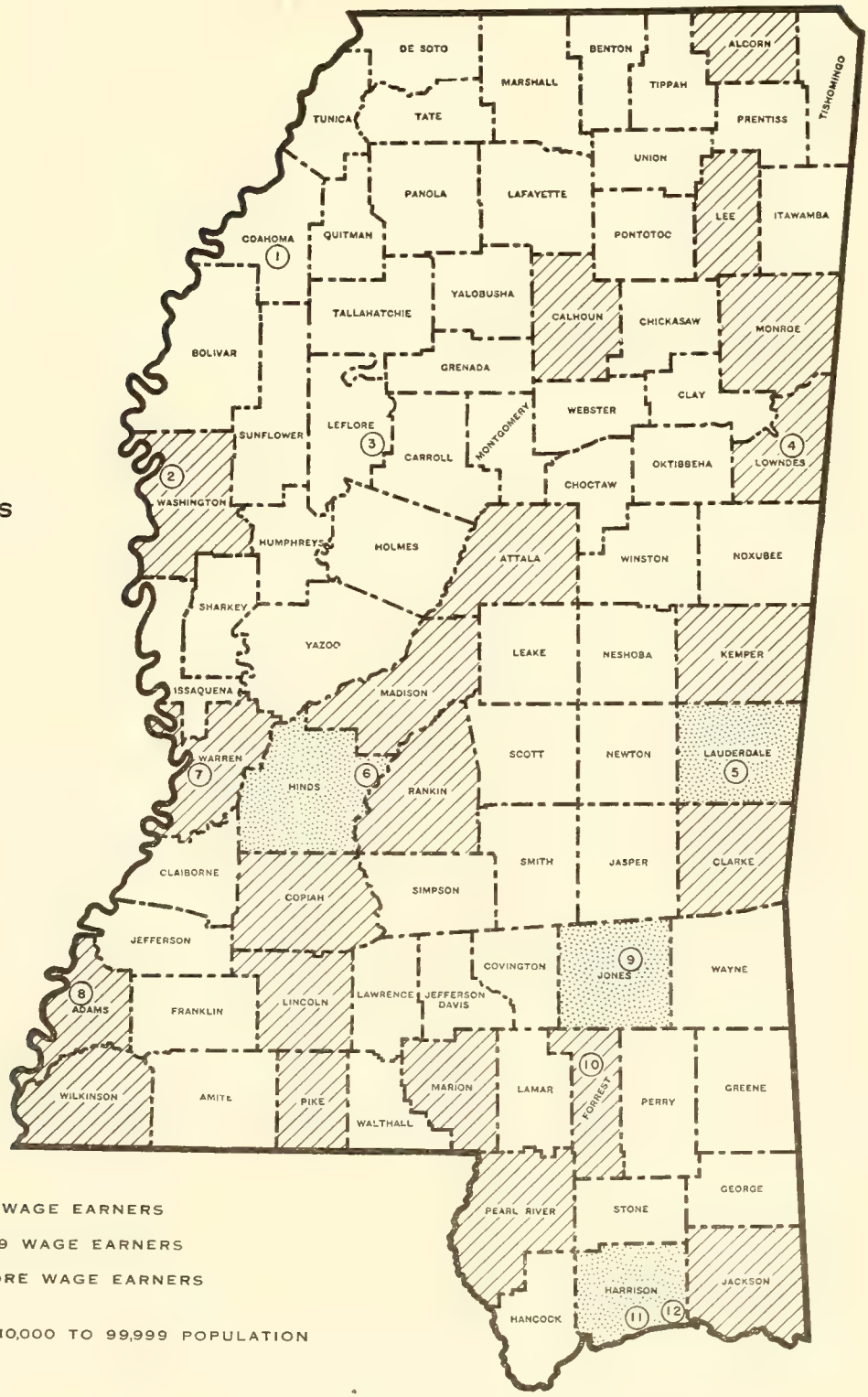
TABLE 12. INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE MINNEAPOLIS-ST. PAUL INDUSTRIAL AREA, AND FOR DULUTH, MINNEAPOLIS, AND ST. PAUL: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	ST. PAUL—Continued		
4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	1	--
6	Baskets for fruits and vegetables	1	--
	Caskets, coffins, burial cases, and other morticians' goods	3	43
	Cigar boxes: wooden, part wooden	1	--
	Cooperage	2	--
	Household furniture, except upholstered	5	36
	Mattresses and bedsprings	4	261
	Office furniture	2	--
	Window shades	3	10
	Wooden boxes except cigar boxes	3	--
	Wood preserving	3	71
7	Converted paper products not elsewhere classified	1	--
	Fiber cans, tubes, and similar products	1	--
	Paper and paperboard mills	1	--
	Paperboard containers and boxes not elsewhere classified	6	--
8	Bookbinding and related industries	6	56
	Books: printing without publishing	3	--
	Books: publishing and printing	1	--
	Electrotyping and stereotyping, not done in printing establishments	2	--
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	2	--
	Newspapers: publishing and printing	2	--
	Newspapers: publishing without printing	3	--
	Photoengraving, not done in printing establishments (including preparation of plates)	5	70
9	Chemicals not elsewhere classified	1	--
	Cleaning and polishing preparations, blackings, and dressings	3	--
	Coal-tar products, crude and intermediate	1	--
	Fertilizers	1	--
	Insecticides, fungicides, and related industrial and household chemical compounds	4	--
	Lubricating oils and greases—not made in petroleum refineries	3	--
	Mucilage, paste, and other adhesives, except glue and rubber cement	1	--
	Printing ink	1	--
	Soap and glycerin	2	--
10	Fuel briquets	1	--
	Oven coke and coke-oven byproducts	1	--
	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	1	--
12	Industrial leather belting and packing leather	1	--
	Leather gloves and mittens	1	--
	Saddlery, harness, and whips	3	35
13	Abrasive wheels, stones, paper, cloth, and related products	1	--
	Brick and hollow structural tile	1	--
	Flat glass	1	--
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	1	--
	Statuary and art goods (except stone and concrete)—factory production	1	--
	Steam and other packing; pipe and boiler covering	1	--
14	Doors, window sash, frames, molding, and trim (made of metal)	1	--
	Enameling, japanning, and lacquering	1	--
	ST. PAUL—Continued		
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	4	--
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	1	--
	Hardware not elsewhere classified	2	--
	Heating and cooking apparatus, except electric, not elsewhere classified	1	--
	Malleable-iron castings	1	--
	Oil burners, domestic and industrial	1	--
	Power boilers and associated products	1	--
	Steam fittings, regardless of material	1	--
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	2	--
	Tin cans and other tinware not elsewhere classified	2	--
	Tools (except edge tools, machine tools, files, and saws)	2	--
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	1	--
	Electroplating, plating, and polishing	3	--
	Nonferrous-metal foundries (except aluminum)	1	--
	Nonferrous-metal products not elsewhere classified	3	40
16	Batteries, storage and primary (dry and wet)	4	--
	Communication equipment	1	--
	Electrical appliances	1	--
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	4	27
	Radios, radio tubes, and phonographs	2	--
	Wiring devices and supplies	1	--
17	Agricultural machinery (except tractors)	2	--
	Construction and similar machinery (except mining and oil-field machinery and tools)	1	--
	Elevators, escalators, and conveyors	2	--
	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	4	--
	Paper-mill, pulp-mill, and paper-products machinery	1	--
	Printing-trades machinery and equipment	2	--
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	2	--
	Woodworking machinery	1	--
18	Motor vehicles, motor-vehicle bodies, parts and accessories	6	--
19	Cars and car equipment—railroad, street, and rapid-transit	1	--
	Transportation equipment not elsewhere classified	2	--
20	Beauty-shop and barber-shop equipment	2	--
	Brooms	1	--
	Brushes	1	--
	Buttons	1	--
	Dental equipment and supplies	2	--
	Fire extinguishers, chemical	1	--
	Furs, dressed and dyed	1	--
	Games and toys (except dolls and children's vehicles)	1	--
	Hand stamps, stencils, and brands	3	18
	Jewelry cases and instrument cases	1	--
	Miscellaneous fabricated products not elsewhere classified	1	--
	Signs, advertising displays, and advertising novelties	8	197
	Soda fountains, beer dispensing equipment, and related products	1	--
	Sporting and athletic goods not elsewhere classified	4	--

[1] For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and of industry groups, sec. 27.

MISSISSIPPI

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939



KEY TO PLACES

BILOXI	12
CLARKSDALE	1
COLUMBUS	4
GREENVILLE	2
GREENWOOD	3
GULFPORT	11
HATTIESBURG	10
JACKSON	6
LAUREL	9
MERIDIAN	5
NATCHEZ	8
VICKSBURG	7

UNDER 500 WAGE EARNERS

500 TO 2,499 WAGE EARNERS

2,500 OR MORE WAGE EARNERS

PLACES OF 10,000 TO 99,999 POPULATION

Prepared by the Bureau of the Census, Department of Commerce

475614—42——35

MISSISSIPPI

Table 1.—SUMMARY FOR THE STATE: 1939, 1937, AND 1929

CENSUS YEAR	Number of establishments	Proprietors and firm members	Number of persons employed in manufacturing [1]	Salaries and wages [1]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2]	Value of products [2]	Value added by manufacture [3]
1939	1,294	976	50,014	$34,083,646	$101,474,875	$174,937,294	$73,462,419
1937	1,100	771	49,246	32,091,639	114,445,825	190,670,510	76,224,685
1929	1,870	1,532	53,581	47,241,557	110,593,953	213,185,820	102,591,867

[1] Figure for 1939 does not include data for employees of manufacturing establishments (except salaried officers of corporations) who were engaged in distribution, construction, and other nonmanufacturing work. For detail, see table 8. It is not known to what extent data for such nonmanufacturing employees were included in figures reported for earlier years. See General Explanations—Persons engaged—general classification.

[2] The aggregates for cost of materials, etc., and value of products include large amounts of duplication due to the use of the products of some industries as materials by others. See General Explanations—Duplication in cost of materials and value of products.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See General Explanations—Value added by manufacture.

Table 2.—SUMMARY FOR COUNTIES AND PLACES: 1939

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
The State	2,183,796	[5] 1,294	46,359	$27,437,088	$101,474,875	$174,937,294	$73,462,419
COUNTIES [5]							
Adams	27,238	25	1,687	1,002,147	3,404,132	6,861,161	3,457,029
Alcorn	26,969	17	1,011	610,958	2,523,408	3,972,104	1,448,696
Amite	21,892	11	206	152,909	464,482	842,427	377,945
Attala	30,227	32	1,014	590,883	2,485,739	3,859,967	1,374,228
Benton [6]	10,429						
Bolivar	67,574	16	186	111,025	944,820	1,374,187	429,367
Calhoun	20,893	28	593	339,992	890,183	1,561,452	671,269
Carroll	20,651	6	141	59,318	196,305	409,236	212,931
Chickasaw	21,427	14	128	81,778	281,102	515,510	234,408
Choctaw	13,548	15	140	57,327	275,959	445,513	169,554
Claiborne	12,810	11	360	173,027	910,201	1,256,107	345,906
Clarke	20,596	24	1,156	575,170	951,289	1,962,167	1,010,878
Clay	19,030	18	455	257,919	1,169,183	1,714,612	545,429
Coahoma	48,333	19	434	333,249	2,654,909	3,619,245	964,336
Copiah	33,974	21	774	350,495	1,238,175	2,182,789	944,614
Covington [7]	17,030	1					
De Soto [7]	26,663	2					
Forrest	34,901	43	1,638	1,091,893	3,941,635	8,424,028	4,482,393
Franklin [7]	12,504	5	374				
George [7]	8,704	5	81				
Greene	9,512	13	270	133,138	209,651	442,596	232,945
Grenada	19,052	13	398	203,654	1,688,114	2,436,537	748,423
Hancock	11,328	12	82	36,137	212,746	359,404	146,658
Harrison	50,799	55	2,660	1,016,195	4,155,373	7,460,211	3,304,838
Hinds	107,273	113	2,860	1,893,238	11,886,890	20,058,367	8,171,477
Holmes	39,710	17	239	140,185	318,033	637,384	319,351
Humphreys	26,257	6	124	71,196	334,288	562,725	228,437
Issaquena [6]	6,433						
Itawamba	19,922	6	215	90,896	287,192	493,727	206,535
Jackson	20,601	27	2,050	1,640,234	7,477,394	11,893,701	4,416,307
Jasper	19,484	12	109	45,652	46,943	153,480	106,537
Jefferson	13,969	5	99	35,417	54,383	125,854	71,471
Jefferson Davis	15,869	5	33	13,230	39,830	82,414	42,584
Jones	49,227	41	3,827	2,782,803	5,250,159	9,752,016	4,501,857
Kemper	21,867	10	691	504,392	520,578	1,556,313	1,035,735
Lafayette	21,257	8	58	31,401	64,746	152,394	87,648
Lamar [7]	12,096	2					
Lauderdale	58,247	57	2,684	1,556,896	5,798,631	9,722,253	3,923,622
Lawrence [7]	13,983	5	146				
Leake	24,570	14	333	163,939	395,822	889,241	493,419
Lee	38,838	25	881	533,103	2,131,362	3,535,438	1,404,076
Leflore	53,406	26	444	315,299	3,488,717	4,696,057	1,207,340
Lincoln	27,506	17	760	364,249	1,142,283	1,996,719	854,436
Lowndes	35,245	31	1,621	937,862	2,840,145	5,033,333	2,193,188
Madison	37,504	13	1,236	905,452	1,371,291	3,078,548	1,707,257
Marion	24,085	14	967	520,733	1,411,191	2,779,570	1,368,379
Marshall	25,522	3	23	12,254	5,223	32,932	27,709
Monroe	37,648	28	643	336,526	1,118,870	1,854,239	735,369
Montgomery	15,703	9	222	101,667	233,459	415,074	181,615
Neshoba	27,882	12	399	164,804	497,079	944,713	447,634

See footnotes at end of table.

TABLE 2.—SUMMARY FOR COUNTIES AND PLACES: 1939—Continued

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
COUNTIES [5]—continued							
Newton	24,249	21	423	$188,473	$793,689	$1,422,351	$628,662
Noxubee	25,669	12	249	143,551	1,013,257	1,371,911	358,654
Oktibbeha	22,151	13	303	166,562	1,596,107	2,196,076	599,969
Panola	34,421	13	116	76,114	447,760	717,073	269,313
Pearl River	19,125	22	1,275	614,070	1,813,457	2,746,923	933,466
Perry	9,292	5	122	57,505	96,199	246,719	150,520
Pike	35,002	27	1,430	801,491	2,157,598	4,374,935	2,217,337
Pontotoc [7]	22,904	5	41				
Prentiss [7]	20,921	5	280				
Quitman [7]	27,191	2					
Rankin	27,934	16	868	566,218	1,528,303	3,236,860	1,708,557
Scott	23,144	16	472	279,614	493,221	1,223,551	730,330
Sharkey	15,433	4	133	60,816	156,918	252,550	95,632
Simpson	22,024	5	40	25,002	96,397	210,640	114,243
Smith [7]	19,403	3	11				
Stone [7]	6,155	6	216				
Sunflower [7]	61,007	9	94				
Tallahatchie [7]	34,166	7	122				
Tate [7]	19,309	3	47				
Tippah	19,680	11	106	41,766	207,437	321,205	113,768
Tishomingo [7]	16,974	5	72				
Tunica [7]	22,610	5	93				
Union	21,867	11	466	272,717	688,589	1,282,912	594,323
Walthall	17,534	7	89	39,673	73,698	226,202	152,504
Warren	39,595	38	1,158	711,235	2,012,038	3,737,920	1,725,882
Washington	67,576	30	1,505	997,339	4,997,862	8,350,440	3,352,578
Wayne	16,928	21	257	92,613	209,419	408,209	198,790
Webster	14,160	13	121	45,063	217,892	351,995	134,103
Wilkinson	15,955	16	1,064	619,059	1,292,624	2,555,354	1,262,730
Winston	22,751	8	364	210,452	769,468	1,411,600	642,132
Yalobusha	18,387	10	83	51,495	309,409	444,046	134,637
Yazoo	40,091	13	222	152,631	612,268	1,042,439	430,171
Undistributed [8]		70	1,636	884,987	4,579,350	6,659,638	2,080,288
PLACES HAVING 10,000 OR MORE INHABITANTS							
Biloxi	17,475	29	1,433	362,873	1,685,079	3,103,143	1,418,064
Clarksdale [9]	12,168	13	304				
Columbus	13,645	22	1,084	664,333	2,000,587	3,543,267	1,542,680
Greenville [9]	20,892	24	1,364				
Greenwood	14,767	17	194	163,686	1,465,594	2,108,418	642,824
Gulfport	15,195	15	840	487,239	1,651,353	3,067,551	1,416,198
Hattiesburg	21,026	31	1,270	866,733	3,443,950	7,509,313	4,065,363
Jackson	62,107	96	2,270	1,535,259	10,098,253	16,663,096	6,564,843
Laurel	20,598	34	3,631	2,690,272	4,968,210	9,188,466	4,220,256
Meridian	35,481	48	2,582	1,529,632	5,724,354	9,558,747	3,834,393
Natchez [9]	15,296	19	1,173				
Vicksburg	24,460	32	985	620,149	1,841,088	3,354,705	1,513,617

[1] Not including salaried officers and employees nor nonmanufacturing wage earners. The figure for each county or place is an average of the numbers reported for the several months of the year. In calculating it, equal weight must be given to full-time and to part-time wage earners (not reported separately by the manufacturers), and for this reason it exceeds the number that would have been required to perform the work done in the industries if all wage earners had been continuously employed throughout the year. The quotient obtained by dividing the amount of wages by the average number of wage earners cannot, therefore, be accepted as representing the average wage received by full-time wage earners. Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several counties do not add exactly to the average for the State. In making comparisons between the figures for 1939 and those for earlier years, the possibility that the proportion of part-time employment varied from year to year should be taken into account.

[2] Profits and losses cannot be calculated from the census figures because no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, and advertising.

[3] See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

[5] For numbers of establishments by "Industry groups," see table 9.

[6] No manufacturing reported.

[7] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Undistributed" figures.

[8] The "Undistributed" figure for number of establishments and a part of the "Undistributed" figure for number of wage earners are included above in the items for the respective counties. The sums of the figures in these two columns are, therefore, larger than the corresponding State totals.

[9] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments.

TABLE 3.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, BY SEX: 1939 AND 1929

[The 1939 questionnaire, for the first time, called for data on the *total* number of employees in manufacturing establishments, including those engaged wholly or chiefly in distribution, construction, and other nonmanufacturing activities. It is not known to what extent data for such employees were included in the figures reported for earlier years. This table presents detailed figures for employees receiving pay at any time within the *normal* pay-roll period ended nearest Oct. 14, 1939, and for such employees on the pay roll on Dec. 14, 1929, or on the nearest *representative* date. The total for "Wage earners engaged in manufacturing" is not identical with the average for the year (given in other tables), and differs from the number reported for October 1939 or for December 1929, because for both years some manufacturers gave wage-earner figures for months other than those specified. See GENERAL EXPLANATIONS—Persons engaged - general classification]

CLASS AND SEX	1939 (Oct. 14)[1]	1929 (Dec. 14)[1]
All classes, aggregate [2]	57,897	53,644
Male	44,642	49,565
Female	13,255	4,079
Salaried officers and employees, total	6,234	3,926
Male	5,260	3,431
Female	974	495
Salaried officers of corporations, total	568	544
Male	530	526
Female	38	18
All other employees (except wage earners in manufacturing), total	5,666	3,382
Male	4,730	2,905
Female	936	477
Salaried officers and employees—Continued.		
All other employees, etc.—Continued.		
Engaged in manufacturing:		
Male	2,357	(3)
Female	730	
Engaged in distribution:		
Male	1,961	
Female	197	
Engaged in construction:		
Male	266	
Engaged in other work:		
Male	146	
Female	9	
Wage earners engaged in manufacturing, total	51,663	49,718
Male	39,382	46,134
Female	12,281	3,584

[1] See headnote.
[2] Figures do not include data for 976 proprietors and firm members for 1939 and 1,532 for 1929, which were not reported by sex for 1939.
[3] No data.

TABLE 4.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS: 1939, 1937, AND 1929

[The figures for 1939 relate to wage earners engaged in manufacturing only. It is not known to what extent the figures for earlier years include data for nonmanufacturing wage earners. See headnote to table 3]

CENSUS YEAR	Average number employed during year [1]	NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH											
		January	February	March	April	May	June	July	August	September	October	November	December
1939	46,359	44,264	45,343	46,389	45,408	43,680	44,031	44,081	46,508	49,127	50,192	49,024	48,262
1937	46,040	45,425	46,763	46,878	47,140	45,108	46,246	44,710	47,518	48,659	46,821	44,609	42,608
1929	49,655	49,474	49,204	49,273	50,024	49,349	49,123	49,678	50,278	51,071	50,748	49,570	48,073

[1] See GENERAL EXPLANATIONS—Wage earners and wages.

TABLE 5.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY NUMBER OF WAGE EARNERS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS	VALUE ADDED BY MANUFACTURE [2]
	1939	1929	1939	1929	1939	1939
All establishments	1,294	1,870	46,359	49,655	$174,937,294	$73,462,419
No wage earners	14	8	...	...	126,035	76,839
1 to 5	491	1,093	1,347	4,553	10,894,838	5,814,195
6 to 20	383	396	4,203	4,416	19,397,501	9,244,198
21 to 50	216	180	6,998	5,991	35,146,478	12,676,853
51 to 100	90	85	6,216	6,310	30,381,495	10,134,185
101 to 250	63	65	9,905	9,989	32,306,386	13,363,638
251 to 500	25	33	8,572	11,848	23,823,094	10,449,330
501 to 1,000	10	10	[3] 9,118	6,548	[3] 22,861,467	[3] 11,703,172
1,001 to 2,500	2	...				

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Combined to avoid disclosing data for individual establishments.

TABLE 6.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY VALUE OF PRODUCTS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR)[1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE[2]	
	1939	1929	1939	1929	1939	1929	1939	1929
All establishments	1,294	1,870	46,359	49,655	$174,937,294	$213,185,820	$73,462,419	$102,591,867
$5,000 to $19,999	504	1,022	2,547	4,717	5,274,995	9,073,030	3,220,532	5,961,786
$20,000 to $49,999	274	282	2,983	3,051	8,613,995	8,784,245	4,726,118	5,467,110
$50,000 to $99,999	179	208	3,904	3,511	12,935,409	14,648,453	6,729,572	7,487,552
$100,000 to $249,999	166	167	7,223	7,163	25,961,160	25,570,001	12,005,301	13,045,038
$250,000 to $499,999	87	83	8,597	7,197	29,937,476	28,967,634	11,215,878	13,698,595
$500,000 to $999,999	48	54	7,172	7,157	31,683,320	38,200,882	10,733,980	14,483,337
$1,000,000 to $2,499,999	32	47	11,371	14,675	46,714,600	67,889,414	18,033,454	35,064,700
$2,500,000 to $4,999,999	4	7	2,562	2,184	13,816,339	20,052,161	6,797,584	7,383,749

[1] See headnotes to tables 3 and 4.

[2] See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 7.—ESTABLISHMENTS CLASSIFIED AS UNDER CORPORATE OR OTHER FORM OF OWNERSHIP (OR CONTROL) AND AS UNDER CENTRAL-ADMINISTRATIVE-OFFICE OR INDEPENDENT OPERATION: 1939 AND 1929

TYPE OF OWNERSHIP OR CONTROL, AND OF OPERATION	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR)[1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE[2]	
	1939	1929	1939	1929	1939	1929	1939	1929
Total	1,294	1,870	46,359	49,655	$174,937,294	$213,185,820	$73,462,419	$102,591,867
TYPE OF OPERATION								
1939[3]								
Corporate ownership or control:								
Central-administrative-office (plural-unit)	303	(3)	25,243	(3)	101,050,694	(3)	39,417,372	(3)
Independent (single-unit)	256	(3)	11,437	(3)	40,986,069	(3)	19,043,706	(3)
Noncorporate ownership:								
Central-administrative-office (plural-unit)	80	(3)	2,264	(3)	7,527,884	(3)	3,383,401	(3)
Independent (single-unit)	655	(3)	7,415	(3)	25,372,647	(3)	11,617,940	(3)
1939 AND 1929[3]								
Central-administrative-office (plural-unit), corporate and noncorporate	383	249	27,507	20,268	108,578,578	100,138,212	42,800,773	45,602,458
Independent (single-unit), corporate and noncorporate	911	1,621	18,852	29,387	66,358,716	113,047,608	30,661,646	56,989,409
TYPE OF OWNERSHIP OR CONTROL								
Corporate	559	573	36,680	37,978	142,036,763	178,781,888	58,461,078	83,294,285
Noncorporate, total	735	1,297	9,679	11,677	32,900,531	34,403,932	15,001,341	19,297,582
Individual	537	(4)	5,743	(4)	16,716,922	(4)	8,117,939	(4)
Partnership	191	(4)	3,756	(4)	13,762,571	(4)	6,404,153	(4)
Cooperative	6	(5)	180	...	2,421,038	...	479,249	...
Other	1							

[1] See headnotes to tables 3 and 4.

[2] See GENERAL EXPLANATIONS—Value added by manufacture.

[3] Because of changes in the questionnaire, no comparable figures for 1929 can be given for the first section of this table. For this reason, the items have been regrouped under "1939 and 1929" to present comparable figures so far as this can be done.

[4] No data.

[5] Figures for 1939 combined to avoid disclosing data for individual establishments; no data for 1929.

TABLE 8.—GENERAL STATISTICS FOR

[This table presents separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establish
are given, however, reported larger numbers of wage earners

	Group No	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS ENGAGED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
1		All industries, total	1,294	976	52,593	568	3,087	46,359	2,158	266	155
2	1	Blended and prepared flour made from purchased flour	3		77	3	8	52	14		
3	1	Bread, and other bakery products (except biscuit, crackers, and pretzels)	61	74	944	14	75	757	84	3	11
4	13	Brick and hollow structural tile	14	14	493	11	22	441	8	11	
5	20	Brooms	4	5	37		3	28	6		
6	1	Candy and other confectionery products	12	8	136	6	4	100	26		
7	1	Canned and dried fruits and vegetables (including canned soups)	7	4	196	3	10	177	5	1	
8	1	Canned fish, crustacea, and mollusks	15	6	1,673	14	42	1,592	25		
9	1	Cheese	14		90		19	71			
10	13	Concrete products	7	2	120	4	6	106	4		
11	1	Condensed and evaporated milk	8	5	234		24	206	2	2	
12	3	Cotton broad woven goods	9		2,705	5	59	2,629	12		
13	9	Cottonseed oil, cake, meal, and linters	41		2,494	44	248	2,131	57	7	7
14	1	Creamery butter	11	4	168	4	29	101	34		
15	9	Fertilizers	13	1	450	10	24	369	30		17
16	1	Flour and other grain-mill products	3	1	100	2	5	61	29	1	2
17	8	General commercial (job) printing	32	30	265	15	36	170	44		
18	9	Gum naval stores (processing but not gathering or warehousing)	24	23	55	4	23	27			1
19	3	Hosiery—full-fashioned	4		745	2	32	701	1	4	5
20	3	Hosiery—seamless	3		1,033	3	34	996			
21	1	Ice cream and ices	26	16	266	15	37	101	105	2	6
22	1	Ice, manufactured	110	55	865	28	79	279	471	5	3
23	5	Logging camps and logging contractors (not operating sawmills)	30	34	290		7	283			
24	17	Machine-shop products, not elsewhere classified	5	2	116	6	11	83	14	2	
25	17	Machine-shop repairs	22	23	178	10	15	145	8		
26	6	Mattresses and bedsprings	4	3	47	4	7	36			
27	1	Meat packing, wholesale	7	10	199	4	8	131	53		3
28	4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	6		1,742	1	71	1,659	2	5	4
29	13	Monuments, tombstones, cut-stone, and stone products, not elsewhere classified	6	6	97		7	74	16		
30	8	Newspapers: publishing and printing	87	78	792	43	235	407	107		
31	1	Nonalcoholic beverages	89	80	1,031	71	89	397	451	17	6
32	6	Partitions, shelving, cabinet work, and office and store fixtures	3	7	87	1	1	74	8		3
33	8	Periodicals: publishing without printing	3	1	8	2	6				
34	5	Planing mills not operated in conjunction with sawmills	68	59	3,012	15	185	2,755	54		3
35	5	Plywood mills	4	3	277	2	13	258	4		
36	1	Poultry dressing and packing, wholesale	5	4	24		2	11	11		
37	1	Prepared feeds (including mineral) for animals and fowls	6	3	151	1	23	100	23		4
38	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	8	1	45	3	3	33	6		
39	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and planing mills	396	364	16,515	106	632	15,502	215	51	9
40	6	Wooden boxes except cigar boxes	9		1,239	6	52	1,173	8		
41	9	Wood naval stores	7	6	1,154	13	132	934	13	59	3
42	6	Wood preserving	11		1,005	9	73	903	19	1	
43	6	Wood products not elsewhere classified	8	4	296	6	12	275	3		
44	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	5		2,090	7	43	1,983	52		5
45	4	Work shirts	8		2,448	6	115	2,266	22	3	36
46		Other industries [6]	82	48	6,787	68	532	5,913	149	93	32
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]									
47	1	Food and kindred products	10	2	374	7	19	313	32	1	2
48	6	Furniture and finished lumber products	9	10	227	4	8	204	8		3
49	8	Printing, publishing, and allied industries	6	6	55	3	8	37	7		
50	9	Chemicals and allied products	8	6	69	7	14	29	19		
51	13	Stone, clay, and glass products	5	4	1,912	6	151	1,728	11	10	6
52	14	Iron and steel and their products, except machinery	10	2	174	9	19	138	8		
53	17	Machinery (except electrical	4	2	68	4	5	51	8		
54	3	Textile-mill products and other fiber manufactures	4		16	3,908	28	308	3,413	56	82	21
	4	Apparel and other finished products made from fabrics and similar materials	4								
	7	Paper and allied products	5								
	11	Rubber products	1								
	12	Leather and leather products	1								
	15	Nonferrous metals and their products	2								
	16	Electrical machinery	1								
	18	Automobiles and automobile equipment	3								
	19	Transportation equipment except automobile	5								
	20	Miscellaneous industries	4								

* As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.

[2] Figures do not include data for personnel of central-administrative offices.

[3] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

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ments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures or larger values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
36,910,707	2,081,906	4,564,652	27,437,088	2,372,980	281,557	172,524	101,474,875	96,569,539	2,045,112	1,969,009	891,215	174,937,294	73,462,419	1
93,027	8,855	15,692	31,040	37,440	----------	----------	1,071,020	1,063,987	100	6,933	----------	1,308,415	237,395	2
861,119	29,527	108,076	642,908	69,943	3,289	7,376	1,754,021	1,667,814	36,798	49,409	----------	3,787,677	2,033,656	3
306,550	35,510	31,064	216,395	14,203	8,898	480	230,397	75,014	135,776	19,607	----------	756,884	526,487	4
30,217	----------	2,400	20,144	7,673	----------	----------	52,091	51,017	175	899	----------	89,616	37,525	5
107,707	22,800	2,050	55,793	27,064	----------	----------	402,672	395,604	3,902	3,166	----------	631,389	228,717	6
74,068	11,882	8,820	50,462	2,636	268	----------	410,905	401,195	7,191	2,519	----------	624,235	213,330	7
435,285	37,147	41,203	333,967	22,968	----------	----------	1,786,366	1,747,425	24,898	5,785	8,258	3,045,322	1,258,956	8
79,927	----------	17,343	62,584	----------	----------	----------	735,171	714,261	9,958	10,952	----------	932,170	196,999	9
105,696	15,642	12,566	74,380	3,108	----------	----------	185,751	178,900	2,438	4,413	----------	538,130	352,379	10
221,601	----------	40,673	177,478	1,370	2,080	----------	2,668,299	2,623,260	34,836	10,203	----------	3,340,377	672,078	11
1,581,279	15,243	108,833	1,450,715	6,488	----------	----------	2,424,237	2,160,102	104,741	159,394	----------	4,220,114	1,795,877	12
1,910,527	119,371	463,637	1,202,684	111,264	7,946	5,625	20,263,976	19,698,289	282,844	282,843	----------	24,794,441	4,530,465	13
137,213	7,080	40,005	68,963	21,165	----------	----------	1,588,032	1,554,844	12,612	20,576	----------	1,928,647	340,615	14
321,669	32,048	38,973	184,164	37,049	374	29,061	2,208,930	2,180,106	378	28,446	----------	3,290,683	1,081,753	15
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	16
349,516	34,225	56,445	197,912	60,934	----------	----------	322,270	302,430	2,216	14,065	3,559	1,005,075	682,805	17
30,440	7,970	12,823	9,397	----------	----------	250	333,898	332,571	1,034	193	100	469,063	135,165	18
494,683	8,850	55,772	416,919	1,670	6,773	4,699	892,979	873,333	3,231	16,415	----------	1,518,919	625,940	19
648,717	12,637	54,683	581,397	----------	----------	----------	633,916	611,932	7,286	14,698	----------	1,417,730	783,814	20
296,446	72,935	46,518	73,041	97,495	2,800	3,657	854,481	801,289	15,343	37,780	69	1,659,241	804,760	21
731,087	74,786	105,248	221,971	322,663	2,749	3,670	392,115	110,144	102,476	179,495	----------	1,999,167	1,607,052	22
164,206	----------	7,822	156,384	----------	----------	----------	217,093	192,564	24,529	----------	----------	636,631	419,538	23
148,892	32,300	17,556	84,729	13,827	480	----------	224,932	217,510	2,934	4,488	----------	444,917	219,985	24
192,665	20,395	18,621	139,653	13,996	----------	----------	147,033	135,364	2,397	9,272	----------	470,370	323,337	25
43,566	10,600	8,999	23,967	----------	----------	----------	108,518	106,527	----------	1,991	----------	186,341	77,823	26
161,947	8,320	7,392	89,802	54,717	----------	1,716	1,734,182	1,714,010	4,852	15,320	----------	2,096,131	361,949	27
902,870	6,000	75,580	801,767	4,413	10,378	4,732	2,062,827	2,043,089	3,427	16,311	----------	3,596,311	1,533,484	28
92,613	----------	10,508	60,195	21,910	----------	----------	138,189	130,045	488	7,656	----------	364,964	226,775	29
1,037,850	138,661	283,188	488,289	127,712	----------	----------	603,203	529,530	9,623	44,017	20,033	2,755,761	2,152,558	30
1,252,498	267,685	118,375	298,798	527,553	13,035	27,052	3,065,873	2,983,112	21,135	61,543	83	7,387,434	4,321,561	31
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	32
15,860	5,700	10,160	----------	----------	----------	----------	20,757	4,609	----------	----------	16,148	53,442	32,685	33
1,775,998	63,700	215,174	1,416,817	77,801	1,000	1,506	5,316,985	5,245,961	5,604	38,662	26,758	8,782,198	3,465,213	34
167,834	3,450	17,643	137,273	9,468	----------	----------	294,986	285,109	3,627	6,250	----------	583,126	288,140	35
12,762	----------	2,314	4,774	5,674	----------	----------	107,783	102,823	1,557	3,403	----------	132,468	24,685	36
172,997	6,300	39,260	69,780	52,657	----------	5,000	1,800,092	1,780,570	4,619	14,903	----------	2,284,931	484,839	37
33,725	2,175	3,798	24,416	3,336	----------	----------	463,644	458,685	1,910	3,049	----------	532,083	68,439	38
10,022,193	387,227	924,338	8,441,147	211,013	34,538	23,930	13,403,425	12,418,934	212,592	76,664	695,235	30,380,362	16,976,937	39
675,147	37,070	59,366	572,293	6,418	----------	----------	1,534,241	1,507,631	358	26,252	----------	2,905,502	1,371,261	40
1,016,150	58,794	265,961	600,935	24,226	64,614	1,620	2,439,398	2,393,982	13,147	32,269	----------	5,035,281	2,595,883	41
804,882	24,862	130,774	610,290	36,856	2,100	----------	4,259,193	4,044,802	140,551	43,283	30,557	6,379,421	2,120,228	42
221,271	14,900	20,589	173,562	12,220	----------	----------	580,002	571,188	----------	8,814	----------	1,019,707	439,705	43
1,296,137	87,059	69,523	1,041,715	101,638	----------	5,202	2,780,811	2,759,243	5,330	16,238	----------	4,594,653	1,813,842	44
1,355,129	15,615	119,183	1,175,866	16,477	3,438	24,550	3,126,875	3,092,957	7,604	26,314	----------	5,772,338	2,645,463	45
6,526,741	344,585	884,704	4,952,322	205,935	116,797	22,398	17,833,306	16,307,777	790,595	644,519	90,415	31,185,627	13,352,321	46
262,197	11,190	26,841	182,016	39,164	1,908	1,078	1,891,226	1,863,185	9,757	18,284	----------	2,496,692	605,466	47
180,439	8,949	10,420	146,980	10,508	----------	3,582	303,828	287,131	603	8,885	7,209	678,624	374,796	48
67,642	2,258	15,383	37,847	12,154	----------	----------	49,345	42,012	329	3,704	3,300	187,023	137,678	49
78,577	18,379	15,587	16,281	28,330	----------	----------	164,035	161,819	914	1,096	206	308,538	144,503	50
2,120,918	83,684	364,222	1,677,783	20,878	30,979	3,372	2,771,321	2,171,519	271,564	258,246	69,992	6,229,686	3,458,365	51
169,132	32,387	24,581	98,249	13,915	----------	----------	407,593	394,052	1,655	10,386	1,500	815,506	407,913	52
83,016	13,800	5,680	51,832	11,704	----------	----------	50,512	46,752	745	3,015	----------	152,709	102,197	53
3,564,820	173,938	481,990	2,741,334	69,282	83,910	14,366	12,195,446	11,341,307	505,028	340,903	8,208	20,316,849	8,121,403	54

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[6] For numbers of establishments and of wage earners in individual industries, see table 10.

Table 9.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939

County	Total	Industry group 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
The State	1,294	392		20	23	498	41	5	128	93		1	1	32	10	2	1	31	3	5	8
Adams	25	10			1	8	1		3			1						1			
Alcorn	17	9		1	1	1			2	2				1							
Amite	11	2				6	1		2												
Attala	32	9		1		19			1	1				1							
Bolivar	16	8				3			3	2											
Calhoun	28	3				24			1												
Carroll	6					5			1												
Chickasaw	14	6				4	2		2												
Choctaw	15	2				13															
Claiborne	11	2				7			1	1											
Clarke	24	2		1		20	1														
Clay	18	8		1	1	5	1		1									1			
Coahoma	19	9				6			2	2											
Copiah	21	5			1	10			2	2								1			
Covington	1								1												
De Soto	2	1				1															
Forrest	43	10		1	1	8	2		4	6				3	3	1		1	1		2
Franklin	5	1				4															
George	5	2				1				2											
Greene	13					6				7											
Grenada	13	3				4	2		3	1											
Hancock	12	4				4			1	3											
Harrison	55	35			1	4	1		7	4								2		1	
Hinds	113	43			1	18	6		19	7			1	8	3	1		4			2
Holmes	17	4		1		10			1											1	
Humphreys	6	2				1			1	1								1			
Itawamba	6	1			1	4															
Jackson	27	4		1		9	1	3	1	3				1				1		2	1
Jasper	12	1				10			1												
Jefferson	5	1				3			1												
Jefferson Davis	5	1				2			1									1			
Jones	41	15		1	1	8	1		4	5				2	1			2		1	
Kemper	10	1				9															
Lafayette	8	3				4			1												
Lamar	2					1	1														
Lauderdale	57	18		1	1	15	4		5	3				3	1			1			2
Lawrence	5					4			1												
Leake	14	2				11			1												
Lee	25	10			4	3			4	2				2							
Leflore	26	10				4			3	5							1	2	1		
Lincoln	17	6			1	4			2	1				1				1			1
Lowndes	31	10			1	9	3		1	1				3	2			1			
Madison	13	2				7	1		2	1											
Marion	14	6		1	1	3	1		1	1											
Marshall	3	1							1					1							
Monroe	28	7			1	15			2	1				1				1			
Montgomery	9	2		1		5			1												
Neshoba	12	2				9			1												
Newton	21	3		1		15			1	1											
Noxubee	12	4				6			1	1											
Oktibbeha	13	5		1		6			1												
Panola	13	5				4			2	2											
Pearl River	22	5			1	9	2		2	2								1			
Perry	5	1				4															
Pike	27	9		4		7	3		2	2											
Pontotoc	5	2							1	1				1							
Prentiss	5	2			1	1								1							
Quitman	2	1							1												
Rankin	16	1				12	1		1					1							
Scott	16	2				10			3	1											
Sharkey	4	1				2												1			
Simpson	5	2				2				1											
Smith	3					2			1												
Stone	6	2				3				1											
Sunflower	9	6								2								1			
Tallahatchie	7	2				3			1	1											
Tate	3	1							1	1											
Tippah	11	2				8			1												
Tishomingo	5					5															
Tunica	5	2				1			1	1											
Union	11	5			1	4			1												
Walthall	7	3				3			1												
Warren	38	14			2	9	3		4	1				1				3	1		
Washington	30	14				4		2	3	5								2			
Wayne	21					13	1		1	5								1			
Webster	13	1				11			1												
Wilkinson	16	3				11	1		1												
Winston	8	3				2	1		1					1							
Yalobusha	10	4				5			1												
Yazoo	13	4				5			2	1								1			

TABLE 10.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE: 1939

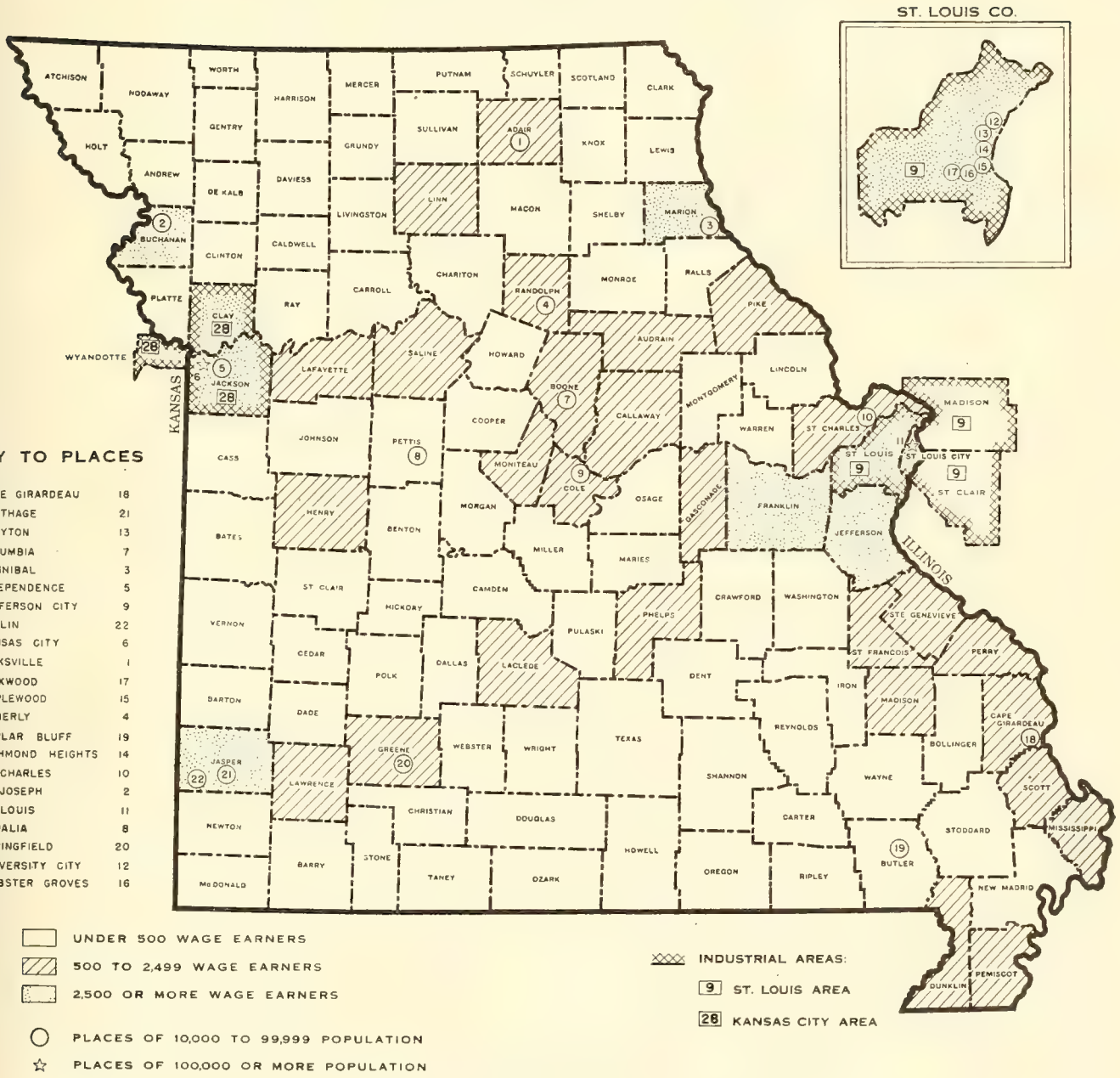
[In order to avoid disclosing data for individual establishments, wage-earner figures for industries represented by fewer than three establishments are withheld]

Group No.[1]	TITLE	Number of establishments	Wage earners
	STATE OF MISSISSIPPI		
1	Biscuit, crackers, and pretzels	2	
	Cooking and other edible fats and oils, not elsewhere classified	1	
	Corn sirup, corn sugar, corn oil, and starch	1	
	Flour and other grain-mill products	3	61
	Food preparations not elsewhere classified	1	
	Pickled fruits and vegetables and vegetable sauces and seasonings	1	
	Special dairy products	1	
3	Cotton yarn	1	
	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	1	
	Knitted underwear	1	
	Silk yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	1	
4	Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors	1	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	1	
	Textile bags—not made in textile mills	1	
	Trousers (semidress), wash suits, and washable service apparel	1	
6	Baskets for fruits and vegetables	1	
	Caskets, coffins, burial cases, and other morticians' goods	1	
	Excelsior	1	
	Household furniture, except upholstered	1	
	Office furniture	1	
	Partitions, shelving, cabinet work, and office and store fixtures	3	74
	Venetian blinds	1	
7	Paper and paperboard mills	2	
	Paper bags, except those made in paper mills	1	
	Pulp mills	2	
8	Bookbinding and related industries	2	
	Books: printing without publishing	1	
	Electrotyping and stereotyping, not done in printing establishments	1	
	Newspapers: publishing without printing	1	
	Photoengraving, not done in printing establishments (including preparation of plates)	1	
	STATE OF MISSISSIPPI—Continued		
9	Cleaning and polishing preparations, blackings, and dressings	1	
	Drugs and medicines (including drug grinding)	2	
	Paints, varnishes, and lacquers	2	
	Perfumes, cosmetics, and other toilet preparations	2	
	Vegetable and animal oils, not elsewhere classified	1	
11	Tires and inner tubes	1	
12	Industrial leather belting and packing leather	1	
13	Glass containers	1	
	Minerals and earths, ground or otherwise treated	1	
	Pottery products not elsewhere classified	2	
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	1	
14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	1	
	Fabricated structural steel and ornamental metalwork, made in plants not operated in connection with rolling mills	2	
	Gray-iron and semisteel castings	2	
	Power boilers and associated products	1	
	Saws	1	
	Stamped and pressed metal products (except automobile stampings)	1	
	Steel barrels, kegs, and drums	1	
	Tools (except edge tools, machine tools, files, and saws)	1	
15	Sheet-metalwork not specifically classified	2	
16	Electrical measuring instruments	1	
17	Agricultural machinery (except tractors)	2	
	Special-industry machinery, not elsewhere classified	1	
	Woodworking machinery	1	
18	Automobile trailers (for attachment to passenger cars)	1	
	Motor vehicles, motor-vehicle bodies, parts and accessories	2	
19	Shipbuilding and ship repairing	3	292
	Transportation equipment not elsewhere classified	2	
20	Signs, advertising displays, and advertising novelties	3	25
	Sporting and athletic goods not elsewhere classified	1	

[1] For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and of industry groups, sec. 27.

MISSOURI

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939



KEY TO PLACES

CAPE GIRARDEAU	18
CARTHAGE	21
CLAYTON	13
COLUMBIA	7
HANNIBAL	3
INDEPENDENCE	5
JEFFERSON CITY	9
JOPLIN	22
KANSAS CITY	6
KIRKSVILLE	1
KIRKWOOD	17
MAPLEWOOD	15
MOBERLY	4
POPLAR BLUFF	19
RICHMOND HEIGHTS	14
ST CHARLES	10
ST. JOSEPH	2
ST. LOUIS	11
SEDALIA	8
SPRINGFIELD	20
UNIVERSITY CITY	12
WEBSTER GROVES	16

UNDER 500 WAGE EARNERS

500 TO 2,499 WAGE EARNERS

2,500 OR MORE WAGE EARNERS

PLACES OF 10,000 TO 99,999 POPULATION

PLACES OF 100,000 OR MORE POPULATION

INDUSTRIAL AREAS:

9 ST. LOUIS AREA

28 KANSAS CITY AREA

Prepared by the Bureau of the Census, Department of Commerce

MISSOURI

TABLE 1.—SUMMARY FOR THE STATE: 1939, 1937, AND 1929

CENSUS YEAR	Number of establishments	Proprietors and firm members	Number of persons employed in manufacturing [1]	Salaries and wages [1]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2]	Value of products [2]	Value added by manufacture [3]
1939	4,796	2,773	202,813	$249,672,988	$800,094,538	$1,388,056,267	$587,961,729
1937	4,291	2,255	216,674	266,586,563	944,984,934	1,505,383,002	560,398,068
1929	5,627	3,161	222,772	307,222,334	1,092,552,626	1,834,227,770	741,675,144

[1] Figure for 1939 does not include data for employees of manufacturing establishments (except salaried officers of corporations) who were engaged in distribution, construction, and other nonmanufacturing work. For detail, see table 8. It is not known to what extent data for such nonmanufacturing employees were included in figures reported for earlier years. See GENERAL EXPLANATIONS—Persons engaged—general classification.

[2] The aggregates for cost of materials, etc., and value of products include large amounts of duplication due to the use of the products of some industries as materials by others. See GENERAL EXPLANATIONS. Duplication in cost of materials and value of products.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 2.—SUMMARY FOR INDUSTRIAL AREAS, COUNTIES, AND PLACES: 1939

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
The State	3,784,664	[5] 4,796	178,538	$190,735,851	$800,094,538	$1,388,056,267	$587,961,729
INDUSTRIAL AREAS							
St. Louis Area,[6] total	1,406,526	2,787	126,831	152,939,450	623,079,603	1,086,595,741	463,516,138
Portion in Missouri	1,090,278	2,402	96,154	111,929,144	417,818,742	762,466,234	344,647,492
Portion in Illinois	316,248	385	30,677	41,010,306	205,260,861	324,129,507	118,868,646
Kansas City Area,[7] total	653,316	1,047	38,378	47,811,019	335,305,534	483,770,597	148,465,063
Portion in Missouri	508,245	914	28,784	35,001,434	192,287,820	306,809,353	114,521,533
Portion in Kansas	145,071	133	9,594	12,809,586	143,017,714	176,961,244	33,943,530
COUNTIES IN MISSOURI [5]							
Adair [8]	20,246	16	580				
Andrew [8]	13,015	1	-				
Atchison	12,897	6	12	11,607	18,825	53,476	34,651
Audrain	22,673	23	2,258	1,588,665	3,140,570	8,219,469	5,078,899
Barry	23,546	18	127	49,691	282,262	439,387	157,125
Barton	14,148	9	100	59,202	493,317	657,287	163,970
Bates	19,531	8	25	17,038	28,266	79,617	51,351
Benton [8]	11,142	4	11				
Bollinger [8]	12,898	3	3				
Boone	34,991	29	664	541,846	1,280,858	3,445,338	2,164,480
Buchanan	94,067	114	5,735	6,199,486	52,146,350	72,242,595	20,096,245
Butler	34,276	19	278	180,253	435,053	865,130	430,077
Caldwell [8]	11,629	3	6				
Callaway	23,094	9	550	452,118	1,124,996	2,325,971	1,200,975
Camden	8,971	3	11	5,895	12,466	42,169	29,703
Cape Girardeau	37,775	40	2,466	2,342,481	7,098,610	13,647,559	6,548,949
Carroll [8]	17,814	4	54				
Carter	6,226	6	122	51,106	89,856	172,348	82,492
Cass	19,534	13	216	185,344	239,129	642,279	403,150
Cedar	11,697	4	10	5,612	22,871	39,638	16,767
Chariton	18,084	8	18	11,546	31,783	96,074	64,291
Christian	13,538	5	23	18,573	399,881	462,480	62,599
Clark [8]	10,166	3	7				
Clay	30,417	63	2,734	3,386,490	25,886,070	38,414,563	12,528,493
Clinton	13,261	8	57	33,528	124,698	250,636	125,938
Cole	34,912	26	1,460	1,065,115	2,488,253	5,315,587	2,827,334
Cooper	18,075	10	333	201,755	769,502	1,439,733	670,231
Crawford	12,693	7	178	130,446	219,328	492,735	273,407
Dade [8]	11,248	2					
Dallas [8]	11,523	3	3				
Daviess [8]	13,398	3	17				
DeKalb [8]	9,751	2					
Dent	11,763	14	254	125,731	405,409	721,446	316,037
Douglas [8]	15,600	3	15				
Dunklin	44,957	14	999	545,246	1,312,222	2,411,464	1,099,242
Franklin	33,868	42	2,937	2,409,021	8,205,451	14,441,824	6,236,373
Gasconade [8]	12,414	14	1,033				
Gentry	13,359	9	26	21,240	191,348	284,457	93,109
Greene	90,541	115	2,385	2,151,910	14,044,761	20,683,641	6,638,880
Grundy	15,716	12	137	61,158	600,768	820,161	219,393

See footnotes at end of table.

TABLE 2.—SUMMARY FOR INDUSTRIAL AREAS, COUNTIES, AND PLACES: 1939—Continued

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
COUNTIES IN MISSOURI [5]—continued							
Harrison [8]	16,525	7	31				
Henry	22,313	15	591	$522,191	$2,966,131	$4,388,013	$1,421,882
Hickory [8]	6,506	1					
Holt	12,476	5	32	10,906	29,102	64,428	35,326
Howard	13,026	8	55	28,428	92,603	167,792	75,189
Howell	22,270	16	91	60,817	674,198	935,738	261,540
Iron	10,440	8	176	77,676	162,304	299,358	137,054
Jackson	477,828	851	26,050	31,614,944	166,401,750	268,394,790	101,993,040
Jasper	78,705	120	4,068	3,437,001	14,973,806	24,534,398	9,560,592
Jefferson [8]	32,023	22	3,294				
Johnson	21,617	15	175	108,516	788,613	1,084,778	296,165
Knox [8]	8,878	2					
Laclede	18,718	16	562	332,021	1,340,649	1,995,661	655,012
Lafayette	27,856	24	649	539,487	2,693,797	4,176,315	1,482,518
Lawrence	24,637	20	594	527,355	4,954,836	6,618,104	1,663,268
Lewis	11,490	9	157	124,626	123,280	294,053	170,773
Lincoln	14,395	11	453	234,784	747,013	1,283,962	536,949
Linn [8]	21,416	12	599				
Livingston	18,000	16	164	108,072	737,154	1,114,510	377,356
Macon	21,396	7	67	40,186	290,667	456,698	166,031
Madison [8]	9,656	8	660				
Maries [8]	8,638	2					
Marion [8]	31,576	30	3,124				
McDonald	15,749	6	33	9,234	61,275	108,895	47,620
Mercer [8]	8,766	1					
Miller [8]	14,798	8	182				
Mississippi	23,149	13	519	259,514	624,907	1,196,685	571,778
Moniteau	11,775	7	657	310,638	402,779	980,466	577,687
Monroe [8]	13,195	9	87				
Montgomery [8]	12,442	6	117				
Morgan	11,140	5	12	8,927	20,791	47,298	26,507
New Madrid	39,787	13	421	309,708	576,155	1,036,833	460,678
Newton	29,039	19	413	327,255	2,976,329	4,215,576	1,239,247
Nodaway	25,556	14	92	68,431	608,344	845,368	237,024
Oregon [8]	13,390	3	11				
Osage	12,375	6	68	21,375	133,783	188,745	54,962
Ozark [8]	10,766	1					
Pemiscot [8]	46,857	12	760				
Perry [8]	15,358	12	870				
Pettis	33,336	24	344	258,267	2,129,009	3,304,487	1,175,478
Phelps [8]	17,437	7	654				
Pike	18,327	12	602	309,668	622,186	1,232,723	610,537
Platte	13,862	7	22	16,171	218,395	298,255	79,860
Polk	17,400	7	19	14,522	96,278	168,148	71,870
Pulaski	10,775	3	7	4,351	10,211	24,408	14,197
Putnam [8]	11,327	1					
Ralls [8]	10,040	3	287				
Randolph [8]	24,458	19	905				
Ray	18,584	8	106	75,586	172,476	346,878	174,402
Reynolds	9,370	3	30	12,898	23,563	62,565	39,002
Ripley [8]	12,606	2					
St. Charles [8]	25,562	20	1,306				
St. Clair [8]	13,146	3	7				
St. Francois	35,950	27	946	631,901	1,689,145	3,014,264	1,325,119
St. Louis	274,230	161	6,621	7,908,596	19,461,135	45,782,637	26,321,502
St. Louis city	816,048	2,241	89,533	104,020,548	398,357,607	716,683,597	318,325,990
Ste. Genevieve	10,905	11	780	659,206	1,728,189	3,353,369	1,625,180
Saline	29,416	21	1,259	1,105,012	5,763,951	8,996,960	3,233,009
Schuyler [8]	6,627	2					
Scotland	8,557	3	8	4,584	22,124	61,547	39,423
Scott	30,377	22	1,540	1,177,815	4,386,436	6,916,787	2,530,351
Shannon	11,831	15	252	113,832	254,124	612,757	358,633
Shelby	11,224	6	90	57,293	1,378,536	1,653,197	274,661
Stoddard	33,009	12	361	212,594	1,122,446	1,543,359	420,913
Stone	11,298	18	207	31,872	157,424	253,247	95,823
Sullivan [8]	13,701	7	77				
Taney [8]	10,323	2					
Texas	19,813	10	97	52,515	462,463	606,578	144,115
Vernon	25,586	14	102	88,556	334,268	598,778	264,510
Warren	7,734	7	208	148,163	380,678	636,393	255,715
Washington [8]	17,492	13	136				
Wayne	12,794	8	58	24,837	52,236	112,630	60,394
Webster [8]	17,226	11	111				
Worth [8]	6,345	1					
Wright	17,967	10	54	31,046	373,922	536,664	162,742
Undistributed [9]		288	15,078	12,841,823	37,424,567	78,120,511	40,695,944
PLACES HAVING 10,000 OR MORE INHABITANTS							
Cape Girardeau	19,426	23	1,919	1,959,498	5,455,361	10,957,233	5,501,872
Carthage	10,585	25	1,127	791,218	4,066,434	6,047,717	1,981,283
Clayton	13,069	9	46	61,485	151,108	368,023	216,915
Columbia [10]	18,399	22	453				
Hannibal [10]	20,865	26	3,116				

See footnotes at end of table.

TABLE 2.—SUMMARY FOR INDUSTRIAL AREAS, COUNTIES, AND PLACES: 1939—Continued

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [1]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2]	Value of products [2, 3]	Value added by manufacture [4]
PLACES HAVING 10,000 OR MORE INHABITANTS—CON.							
Independence	16,066	23	391	$380,324	$1,570,417	$2,783,833	$1,213,416
Jefferson City [5]	24,268	25	1,457				
Joplin	37,144	63	1,706	1,437,454	6,110,231	10,248,784	4,138,553
Kansas City [5]	399,178	807	24,787				
Kirksville [5]	10,080	13	578				
Kirkwood	12,132	6	42	11,831	32,177	70,997	38,820
Maplewood	12,877	19	419	463,387	1,051,382	2,907,474	1,856,092
Moberly	12,920	16	891				
Poplar Bluff	11,163	11	144	109,796	305,983	570,457	264,474
Richmond Heights [5]	12,802						
St. Charles	10,803	16	1,247				
St. Joseph [5]	77,711	100	3,850				
St. Louis	816,048	2,241	89,733	104,020,548	398,357,607	716,683,597	318,325,990
Sedalia [5]	20,428	22	317				
Springfield	61,238	104	2,158	1,922,482	12,233,556	18,131,774	5,898,218
University City	33,023	17	182	206,415	753,682	1,487,622	733,940
Webster Groves [5]	18,394	8	63				

Not including salaried officers and employees nor nonmanufacturing wage earners. The figure for each county or place is an average of the numbers reported for the several months of the year. In calculating it, equal weight must be given to full-time and to part-time wage earners (not reported separately by the manufacturers), and for this reason it exceeds the number that would have been required to perform the work done in the industries if all wage earners had been continuously employed throughout the year. The quotient obtained by dividing the amount of wages by the average number of wage earners cannot, therefore, be accepted as representing the average wage received by full-time wage earners. Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several counties do not add exactly to the average for the State. In making comparisons between the figures for 1939 and those for earlier years, the possibility that the proportion of part-time employment varied from year to year should be taken into account.

[2] Profits and losses cannot be calculated from the census figures because no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, and advertising.

[3] See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

[5] For numbers of establishments by "Industry groups," see table 11.

[6] The St. Louis Industrial Area comprises St. Louis County and the independent city of St. Louis, Mo., and Madison and St. Clair Counties, Ill. For statistics by industries for the area, see table 9, and for those for St. Louis city, see table 10.

[7] The Kansas City Industrial Area comprises Jackson and Clay Counties, Mo., and Wyandotte County, Kans. For statistics by industries for the area, see table 9.

[8] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Undistributed" figures.

[9] The "Undistributed" figure for number of establishments and a part of the "Undistributed" figure for number of wage earners are included above in the items for the respective counties. The sums of the figures in these two columns are, therefore, larger than the corresponding State totals.

[10] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments, and for the same reason no table giving statistics, by industries, for Kansas City is included in this report.

[11] No manufacturing reported.

TABLE 3.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, BY SEX: 1939 AND 1929

[The 1939 questionnaire, for the first time, called for data on the *total* number of employees in manufacturing establishments, including those engaged wholly or chiefly in distribution, construction, and other nonmanufacturing activities. It is not known to what extent data for such employees were included in the figures reported for earlier years. This table presents detailed figures for employees receiving pay at any time within the *normal* pay-roll period ended nearest Oct. 14, 1939, and for such employees on the pay roll on Dec. 14, 1929, or on the nearest *representative* date. The total for "Wage earners engaged in manufacturing" is not identical with the average for the year (given in other tables), and differs from the number reported for October 1939 or for December 1929, because for both years some manufacturers gave wage-earner figures for months other than those specified. See GENERAL EXPLANATIONS—Persons engaged—general classification]

CLASS AND SEX	1939 (Oct. 14) [1]	1929 (Dec. 14) [1]
All classes, aggregate	236,704	222,380
Male	162,171	158,898
Female	74,533	63,482
Salaried officers and employees, total	44,929	37,508
Male	33,697	25,301
Female	11,232	10,207
Salaried officers of corporations, total	4,187	4,894
Male	3,866	4,600
Female	321	294
All other employees (except wage earners in manufacturing), total	40,742	30,614
Male	29,831	20,701
Female	10,911	9,913
Salaried officers and employees—Continued.		
All other employees, etc.—Continued.		
Engaged in manufacturing:		
Male	13,906	[3]
Female	6,182	
Engaged in distribution:		
Male	14,571	
Female	4,099	
Engaged in construction:		
Male	741	
Engaged in other work		
Male	613	
Female	[illegible]	
Wage earners engaged in manufacturing, total	191,775	186,872
Male	128,474	133,597
Female	63,301	53,275

[1] See headnote. [2] Figures do not include data for 2,773 proprietors and firm members for 1939 and 3,161 for 1929, which were not reported by sex for 1939. [3] No data.

TABLE 4.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS: 1939, 1937, AND 1929

[The figures for 1939 relate to wage earners engaged in manufacturing only. It is not known to what extent the figures for earlier years include data for nonmanufacturing wage earners. See headnote to table 3.]

CENSUS YEAR	Average number employed during year [1]	NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH [1]											
		January	February	March	April	May	June	July	August	September	October	November	December
1939	178,538	172,401	177,481	178,438	178,532	172,334	174,504	176,775	177,318	181,763	185,312	181,826	185,769
1937	186,831	180,560	186,784	190,742	191,946	190,651	194,707	193,182	195,298	191,559	185,046	173,303	168,198
1929	187,264	175,789	181,472	184,790	186,659	186,268	188,571	190,851	196,368	196,950	194,203	185,347	179,900

[1] See GENERAL EXPLANATIONS—Wage earners and wages.

TABLE 5.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY NUMBER OF WAGE EARNERS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS	VALUE ADDED BY MANUFACTURE [2]
	1939	1929	1939	1929	1939	1939
All establishments	4,796	5,627	178,538	187,264	$1,388,056,267	$587,961,729
No wage earners	200	195			7,424,530	3,414,163
1 to 5	2,045	2,692	5,602	7,541	47,393,598	23,680,285
6 to 20	1,270	1,419	14,327	15,721	111,687,007	51,554,633
21 to 50	624	606	20,016	19,363	159,164,855	70,437,375
51 to 100	258	329	18,256	22,822	138,488,997	61,339,812
101 to 250	252	241	40,079	38,646	269,274,471	126,163,132
251 to 500	92	91	32,192	31,643	189,892,773	94,680,533
501 to 1,000	41	37	27,114	25,094	279,567,767	85,543,440
1,001 or more	14	17	20,952	26,434	185,162,269	71,148,356

[1] See headnotes to tables 3 and 4.

[2] See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 6.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY VALUE OF PRODUCTS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
All establishments	4,796	5,627	178,538	187,264	$1,388,056,267	$1,834,227,770	$587,961,729	$741,675,144
$5,000 to $19,999	1,651	2,122	4,961	5,455	18,035,458	22,667,063	10,440,202	13,750,658
$20,000 to $49,999	1,003	1,112	6,891	6,701	32,281,521	35,391,109	17,852,657	20,959,175
$50,000 to $99,999	640	712	8,996	9,071	45,268,116	50,479,478	24,138,243	28,968,532
$100,000 to $249,999	662	737	18,196	19,434	102,870,324	118,004,781	53,231,670	63,243,505
$250,000 to $499,999	354	397	21,725	22,673	128,069,801	141,893,368	59,369,901	69,061,570
$500,000 to $999,999	236	255	27,359	25,384	164,098,436	177,210,416	73,705,679	85,911,917
$1,000,000 to $2,499,999	158	185	39,111	37,789	244,859,131	281,689,409	116,462,751	125,320,673
$2,500,000 to $4,999,999	58	56	23,585	20,246	196,610,527	191,624,185	92,067,605	81,547,737
$5,000,000 and over	34	51	27,714	40,511	455,962,953	815,267,961	140,693,021	252,911,377

[1] See headnotes to tables 3 and 4.

[2] See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 7.—ESTABLISHMENTS CLASSIFIED AS UNDER CORPORATE OR OTHER FORM OF OWNERSHIP (OR CONTROL) AND AS UNDER CENTRAL-ADMINISTRATIVE-OFFICE OR INDEPENDENT OPERATION: 1939 AND 1929

TYPE OF OWNERSHIP OR CONTROL, AND OF OPERATION	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
Total	4,796	5,627	178,538	187,264	$1,388,056,267	$1,834,227,770	$587,961,729	$741,675,144
TYPE OF OPERATION								
1939 [3]								
Corporate ownership or control:								
Central-administrative-office (plural-unit)	867	(3)	98,659	(3)	877,623,823	(3)	334,962,883	(3)
Independent (single-unit)	1,908	(3)	65,670	(3)	431,265,769	(3)	218,304,529	(3)
Noncorporate ownership:								
Central-administrative-office (plural-unit)	83	(3)	1,428	(3)	10,908,438	(3)	3,083,897	(3)
Independent (single-unit)	1,938	(3)	12,781	(3)	68,258,237	(3)	31,610,420	(3)
1939 AND 1929 [3]								
Central-administrative-office (plural-unit), corporate and noncorporate	950	645	100,087	89,919	888,532,261	1,041,164,172	338,046,780	291,319,751
Independent (single-unit), corporate and noncorporate	3,846	4,982	78,451	97,345	499,524,006	793,063,598	249,914,949	450,355,393
TYPE OF OWNERSHIP OR CONTROL								
Corporate	2,775	2,936	164,329	172,620	1,308,889,592	1,746,146,077	553,267,412	697,229,415
Noncorporate, total	2,021	2,691	14,209	14,644	79,166,675	88,081,693	34,694,317	44,445,729
Individual	1,401	(4)	7,728	(4)	38,269,860	(4)	17,496,579	(4)
Partnership	591	(4)	6,161	(4)	37,072,997	(4)	16,244,551	(4)
Cooperative	8	(4)	217	(4)	2,935,782	(4)	548,775	(4)
Other	21	(4)	103	(4)	888,036	(4)	404,412	(4)

[1] See headnotes to tables 3 and 4.

[2] See GENERAL EXPLANATIONS—Value added by manufacture.

[3] Because of changes in the questionnaire, no comparable figures for 1929 can be given for the first section of this table. For this reason, the items have been regrouped under "1939 and 1929" to present comparable figures so far as this can be done.

[4] No data.

TABLE 8.—GENERAL STATISTICS FOR

[This table presents separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments, given, however, reported larger numbers of wage earners or

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1]					
					Total [2]	Salaried officers of corporations [4]	Manufacturing		Distribution	Construction	Other
							Salaried employees [2]	Wage earners (average for year) [3]			
1		All industries, total	4,796	2,773	223,467	4,187	20,088	178,538	19,237	741	676
2	17	Agricultural machinery (except tractors)	8	6	208	7	30	118	53	...	.
3	19	Aircraft and parts, including aircraft engines	5	1	674	7	196	440	31		.
4	15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	6	2	206	4	25	158	13	.	6
5	15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	5	6	308	5	15	246	41	.	1
6	13	Asbestos products (except steam packing and pipe and boiler covering)	6		669	6	60	549	54		
7	16	Automotive electrical equipment	3	2	116	2	13	95	6	. .	
8	16	Batteries, storage and primary (dry and wet)	6		169	5	30	127	7		. . .
9	20	Beauty-shop and barber-shop equipment	4	1	128	7	19	63	39		.
10	4	Belts (apparel), regardless of material	3	1	32	1	6	24	1		
11	1	Biscuit, crackers, and pretzels	13	5	1,812	7	98	1,420	188	24	75
12	8	Bookbinding and related industries	41	28	594	33	36	496	29	...	.
13	8	Books: printing without publishing	22	14	296	20	35	218	23	. .	
14	8	Books: publishing without printing	10	1	221	10	133		78		
15	12	Boot and shoe cut stock and findings	28	8	3,670	19	207	3,406	38		
16	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	469	453	7,263	84	365	6,098	590	22	104
17	13	Brick and hollow structural tile	22	7	554	10	41	483	17	2	1
18	20	Brooms	13	12	97	2	3	87	5	...	...
19	20	Brushes	5	2	74	7	9	38	20		.
20	1	Candy and other confectionery products	26	13	2,277	24	169	1,758	287	28	11
21	1	Canned and dried fruits and vegetables (including canned soups)	46	50	710	1	24	685	.		.
22	4	Canvas products (except bags)	11	5	320	18	27	203	70	1	1
23	19	Cars and car equipment—railroad, street, and rapid-transit	11		2,287	6	378	1,869	20	12	2
24	6	Caskets, coffins, burial cases, and other morticians' goods	32	19	727	35	42	468	182	.	
25	13	Cement	5		1,166		127	1,039			.
26	1	Cereal preparations	5	5	732	.	99	629	4		
27	1	Cheese	32	22	136	. .	21	95	20		
28	9	Chemicals not elsewhere classified	11	3	1,682	3	333	1,213	42	90	1
29	20	Children's vehicles	3		299	6	31	254	8	.	
30	2	Cigars	11	8	384	6	13	355	9	1	
31	13	Clay refractories, including refractory cement (clay)	14	1	2,717	10	200	2,317	60	102	28
32	9	Cleaning and polishing preparations, blackings, and dressings	34	15	512	36	57	195	223	. .	1
33	4	Clothing, leather and sheep-lined	4	4	341	3	20	276	42	. .	.
34	3	Cloth sponging and miscellaneous special finishing	3		75	4	6	60	5	. .	
35	7	Coated and glazed paper	4		413	5	29	319	54	6	. .
36	4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	27	16	1,280	36	82	1,022	129		11
37	9	Colors and pigments	5		978		175	802	1		
38	17	Commercial laundry, dry-cleaning, and pressing machinery	5	5	140	7	24	78	31		
39	9	Compressed and liquefied gases (not made in petroleum refineries or in natural-gasoline plants)	13		243		26	132	85		
40	13	Concrete products	37	10	593	32	35	471	53	2	
41	1	Condensed and evaporated milk	8		216		27	181	1	4	
42	7	Converted paper products not elsewhere classified	8	8	1,141	13	133	948	35	12	
43	6	Cooperage	12	4	487	15	30	430	7	5	
44	1	Corn sirup, corn sugar, corn oil, and starch	3		610	2	96	492	20		
45	1	Creamery butter	75	39	1,428	42	269	857	240	7	13
46	4	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	16	7	433	15	17	372	26		3
47	14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	19	8	866	31	80	712	43		
48	7	Die-cut paper and paperboard, and converted cardboard	3	1	119	6	20	78	13	2	
49	14	Doors, window sash, frames, molding, and trim (made of metal)	5	1	328	12	17	276	43	. .	
50	9	Drugs and medicines (including drug grinding)	62	15	2,596	83	282	1,514	682	24	11
51	16	Electrical appliances	6	1	954	10	75	824	42	...	3
52	16	Electrical products not elsewhere classified	5	1	57	8	12	36	1		
53	15	Electroplating, plating, and polishing	20	18	242	13	16	195	16	.	2
54	8	Electrotyping and stereotyping, not done in printing establishments	9	5	173	6	21	130	16	.	. .
55	17	Elevators, escalators, and conveyors	6	3	172	12	26	112	22		
56	4	Embroideries, other than Schiffli-machine products—contract factories	8	11	147	2		137	5		3
57	14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	8	2	295	17	38	236	4	. .	
58	14	Enameling, japanning, and lacquering	3	3	14	. .		14			
59	8	Engraving (steel, copperplate, and wood); plate printing	14	10	146	15	13	111	7		
60	7	Envelopes	8		657	17	37	488	115		
61	9	Explosives	3		344	.	40	302		2	
62	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	33	10	999	67	133	733	62	4	
63	20	Feathers, plumes, and artificial flowers	3		40	6	2	31	1		
64	7	Fiber cans, tubes, and similar products	4		337		23	285	22		7
65	3	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	11	6	1,063	14	50	801	198		
66	1	Flavoring extracts and flavoring sirups, not elsewhere classified	26	14	364	21	50	197	92		4
67	1	Flour and other grain-mill products	111	84	2,335	83	287	1,743	167	6	49
68	1	Food preparations, not elsewhere classified	44	36	709	19	45	575	68	2	
69	17	Food-products machinery	14	6	400	20	56	250	70		4
70	12	Footwear (except rubber)	68	1	28,593	59	1,366	26,918	241	9	
71	4	Fur coats and other fur garments, accessories, and trimmings	6	2	115	6	10	92	7		

See footnotes at end of table.

THE STATE, BY INDUSTRIES: 1939

and gives statistics for the remaining industries both in combination ("Other industries) and by industry groups. Certain of the industries for which combined figures are larger values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
285,490,280	22,226,593	36,710,544	190,735,851	33,898,757	1,114,721	803,814	800,094,538	773,471,316	10,448,630	9,276,964	6,897,628	1,388,056,267	587,961,729	1
(5)	(5)	(5)	(5)	(5)	...	...	(5)	(5)	(5)	(5)	...	(5)	(5)	2
(5)	(5)	(5)	(5)	(5)	...	...	(5)	(5)	(5)	(5)	(5)	(5)	(5)	3
(5)	(5)	(5)	(5)	(5)	...	(5)	(5)	(5)	(5)	(5)	...	(5)	(5)	4
(5)	(5)	(5)	(5)	(5)	...	(5)	(5)	(5)	(5)	(5)	...	(5)	(5)	5
(5)	(5)	(5)	(5)	...	...	(5)	(5)	(5)	(5)	(5)	...	(5)	(5)	6
(5)	(5)	(5)	(5)	...	...	(5)	(5)	(5)	(5)	(5)	...	(5)	(5)	7
(5)	(5)	(5)	(5)	...	...	(5)	(5)	(5)	(5)	(5)	...	(5)	(5)	8
(5)	(5)	(5)	(5)	...	...	(5)	(5)	(5)	(5)	(5)	...	(5)	(5)	9
30,949	7,500	6,358	15,891	1,200	...	...	88,726	88,257	100	369	...	146,399	57,673	10
2,149,899	25,060	172,644	1,242,778	451,178	44,999	213,240	3,548,495	3,445,131	70,583	32,781	...	9,006,863	5,458,368	11
653,772	101,886	58,550	453,113	40,223	...	...	411,634	381,346	5,619	13,736	10,933	1,589,211	1,177,577	12
534,684	80,833	55,185	343,424	55,242	...	...	529,161	444,293	4,690	13,242	66,936	1,324,172	795,011	13
383,447	42,750	190,248	...	150,449	...	...	510,198	9,561	...	608	500,029	1,389,692	879,494	14
4,161,941	106,138	345,082	3,626,257	84,464	...	...	16,730,754	16,643,670	21,948	57,987	7,149	23,005,942	6,275,188	15
10,371,174	348,824	738,523	8,542,269	614,549	38,267	88,742	16,770,361	15,999,083	445,168	326,110	...	35,714,840	18,944,479	16
552,153	28,680	63,046	436,982	21,538	1,782	125	394,430	111,553	212,502	70,375	...	1,596,816	1,202,386	17
77,108	3,963	4,847	61,911	6,387	...	...	124,100	121,228	622	2,148	102	249,674	125,574	18
109,408	26,134	8,937	37,582	36,755	...	...	173,393	170,031	1,750	1,612	...	360,685	187,292	19
2,303,525	109,135	255,014	1,427,185	459,307	39,382	13,502	5,587,696	5,434,068	89,198	64,430	...	9,514,718	3,927,022	20
124,306	3,120	10,547	110,339	140	160	...	466,650	455,475	8,002	3,173	...	766,131	299,481	21
361,572	58,838	40,866	166,392	93,778	943	755	806,113	798,672	2,743	4,698	...	1,309,708	503,595	22
3,275,017	51,600	761,587	2,418,575	15,716	25,583	1,956	7,228,578	7,026,358	132,943	69,277	...	11,010,956	3,782,378	23
1,084,936	183,698	69,733	465,129	366,376	...	...	1,348,249	1,317,300	12,289	15,645	3,015	3,070,006	1,721,757	24
1,742,380	...	282,197	1,460,183	...	...	...	2,521,123	1,178,115	741,225	601,783	...	7,933,691	5,412,568	25
(5)	...	(5)	(5)	(5)	...	...	(5)	(5)	(5)	(5)	...	(5)	(5)	26
116,247	...	20,533	82,376	13,338	...	...	1,437,825	1,402,951	17,384	17,490	...	1,695,786	257,961	27
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	...	(5)	(5)	28
(5)	(5)	(5)	(5)	(5)	...	...	(5)	(5)	(5)	(5)	...	(5)	(5)	29
252,581	8,716	19,272	213,749	10,395	449	...	413,357	408,953	1,658	2,746	...	950,801	537,444	80
2,655,201	82,351	366,018	1,930,357	154,667	103,880	17,928	3,223,986	2,264,336	802,293	157,357	...	9,554,375	6,330,389	31
886,702	192,502	104,899	198,776	389,837	...	688	1,694,933	1,672,650	12,816	9,467	...	4,112,686	2,417,753	32
(5)	(5)	(5)	(5)	(5)	...	...	(5)	(5)	(5)	(5)	(5)	(5)	(5)	33
(5)	(5)	(5)	(5)	(5)	...	...	(5)	(5)	(5)	(5)	...	(5)	(5)	34
701,735	99,415	59,311	383,756	150,429	8,824	...	2,488,672	2,456,923	3,811	27,938	...	3,661,302	1,172,630	35
1,721,350	179,980	154,658	1,149,585	229,329	...	7,798	3,203,490	3,166,649	4,189	16,992	15,660	6,051,148	2,847,658	36
(5)	...	(5)	(5)	(5)	...	...	(5)	(5)	(5)	(5)	...	(5)	(5)	37
219,607	24,430	29,008	70,750	95,419	...	...	319,904	314,592	1,868	3,133	311	674,165	354,261	38
409,370	...	62,137	187,729	159,504	...	...	461,960	376,836	10,479	74,645	...	1,934,102	1,472,142	39
807,140	145,747	57,810	501,520	96,759	5,304	...	2,012,700	1,965,090	17,005	27,898	2,707	3,408,511	1,395,811	40
(5)	...	(5)	(5)	(5)	(5)	...	(5)	(5)	(5)	(5)	...	(5)	(5)	41
1,427,183	112,780	281,994	864,215	148,214	19,980	...	3,272,259	3,166,596	41,002	62,160	2,501	5,464,708	2,192,449	42
586,690	66,859	52,020	437,508	19,904	6,438	3,961	1,252,499	1,237,169	7,456	7,874	...	1,990,209	737,710	43
(5)	(5)	(5)	(5)	(5)	...	...	(5)	(5)	(5)	(5)	...	(5)	(5)	44
1,686,012	145,533	386,499	797,359	333,861	11,433	11,327	20,175,253	19,837,958	163,221	174,074	...	23,993,302	3,818,049	45
401,422	81,044	23,422	257,045	37,311	...	2,600	1,424,167	1,395,825	470	6,077	21,795	2,086,904	662,737	46
1,454,718	208,466	146,788	1,006,229	93,235	...	...	530,801	487,954	17,807	25,040	...	2,628,949	2,098,148	47
(5)	(5)	(5)	(5)	(5)	(5)	...	(5)	(5)	(5)	(5)	...	(5)	(5)	48
471,941	64,587	42,748	290,070	74,536	...	...	483,881	405,702	1,429	7,971	68,779	1,129,257	645,376	49
4,174,845	712,974	587,509	1,537,941	1,283,690	33,054	19,677	6,643,253	6,536,291	43,333	55,911	7,718	23,006,499	16,363,246	50
1,070,844	104,061	124,328	736,035	104,057	...	2,363	2,402,700	2,285,586	12,938	26,181	77,995	4,365,502	1,962,802	51
95,764	28,577	17,686	49,145	356	...	...	124,330	118,800	1,448	2,712	1,370	258,955	134,625	52
296,383	39,841	25,566	210,102	19,604	...	1,270	158,530	122,058	10,698	23,908	1,866	658,596	500,066	53
333,699	41,110	41,081	225,728	25,780	...	...	88,131	71,878	4,578	8,833	2,842	560,042	471,911	54
219,774	56,682	24,071	103,059	35,962	...	...	265,622	257,802	1,317	2,838	3,665	660,904	395,282	55
101,005	3,120	...	92,363	3,505	...	2,017	41,873	38,378	140	3,355	...	207,292	165,419	56
370,806	58,756	49,170	258,079	4,801	...	...	431,177	413,729	11,481	5,967	...	971,281	540,104	57
12,880	...	...	12,880	...	...	...	13,947	12,828	636	483	...	40,417	26,470	58
165,293	32,649	13,689	109,978	8,977	...	...	101,908	86,826	843	3,264	10,975	380,799	278,891	59
990,116	118,724	81,325	538,090	251,977	...	...	1,347,995	1,290,175	2,958	20,932	33,930	2,884,476	1,536,481	60
546,941	...	116,024	425,174	...	5,743	...	1,276,730	1,202,254	32,064	42,412	...	2,603,164	1,326,434	61
1,641,352	388,895	266,819	845,018	133,620	7,000	...	3,037,589	2,938,779	27,026	41,822	29,962	6,029,927	2,992,338	62
36,916	11,737	1,473	19,751	3,955	...	...	50,238	49,670	105	463	...	98,763	48,525	63
(5)	...	(5)	(5)	(5)	...	(5)	(5)	(5)	(5)	(5)	...	(5)	(5)	64
1,099,018	69,890	77,185	669,997	281,946	...	...	2,289,463	2,250,052	17,300	16,972	5,139	4,017,742	1,728,279	65
716,739	178,985	98,857	228,719	196,071	...	14,107	3,676,354	3,658,069	9,097	9,188	...	9,478,472	5,802,118	66
3,225,541	303,891	497,819	2,055,542	315,414	8,982	43,893	39,393,604	38,710,950	127,385	553,795	1,474	48,096,783	8,703,179	67
583,466	80,567	69,733	335,521	94,577	3,068	...	5,271,938	5,235,188	22,794	13,956	...	6,730,845	1,458,907	68
769,429	122,954	107,806	306,041	228,270	...	4,358	816,775	787,214	8,778	9,512	11,271	2,098,256	1,281,481	69
25,280,518	430,260	1,965,802	21,962,022	899,809	22,625	...	52,341,049	51,909,922	121,050	209,602	100,475	100,346,106	48,005,057	70
208,175	53,452	14,041	127,623	13,059	...	...	283,186	267,603	2,085	5,601	7,897	609,906	326,720	71

TABLE 8.—GENERAL STATISTICS FOR

	Group	INDUSTRY	*Number of establishments	*Proprietors and firm members	PERSONS ENGAGED IN MANUFACTURING ESTABLISHMENTS[1] Total[1]	Salaried officers of corporations[2]	Manufacturing: Salaried employees[2]	Manufacturing: Wage earners (average for year)[3]	Distribution	Construction	Other
1	14	Galvanizing and other coating, carried on in plants not operated in connection with rolling mills	5	6	35	1	3	31			
2	20	Games and toys (except dolls and children's vehicles)	11	5	234	11	20	176	27		
3	8	General commercial job printing	313	237	4,609	257	563	3,477	310	2	
4	16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	27	5	7,574	73	968	5,973	500	48	12
5	14	Gray iron and semisteel castings	20	3	1,729	36	124	1,522	44	3	
6	9	Grease and tallow (except lubricating greases)	6	7	43	3	5	35			
7	20	Hand stamps, stencils, and brands	9	5	85	3	2	66	14		
8	14	Hardware not elsewhere classified	7	1	515	8	29	464	14		
9	4	House dresses, uniforms, and aprons made in inside factories or by jobbers engaging contractors	15	10	1,380	11	90	1,214	61	2	2
10	4	Housefurnishings (except curtains, draperies, and bedspreads	18	6	351	18	23	257	52		1
11	6	Household furniture, except upholstered	13	3	453	15	45	373	17		3
12	9	Ice cream and ices	70	40	1,003	52	94	405	410	9	33
13	1	Ice, manufactured	143	55	1,251	73	141	645	376	7	9
14	12	Industrial leather belting and packing leather	5	1	52	10	9	27	6		
15	17	Industrial machinery, not elsewhere classified	13	2	313	23	28	234	27		1
16	9	Insecticides, fungicides, and related industrial and household chemical compounds	34	9	369	50	51	143	122		3
17	16	Insulated wire and cable	4	1	142	7	30	93	12		
18	17	Internal-combustion engines	5		991	11	184	770	26		
19	15	Jewelry (precious metals)	16	19	234	13	29	157	34		1
20	6	Laboratory, hospital, and other professional furniture	7	5	297	8	18	254	17		
21	6	Lasts and related products	5	3	221	5	28	181	6	1	
22	12	Leather goods not elsewhere classified	3	2	10	1		9			
23	12	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	4		198	6	21	170	1		
24	15	Lighting fixtures	12		692	32	67	488	98		7
25	13	Lime	12	3	817	6	52	704	16	39	
26	1	Liquors, rectified or blended	4		96	3	24	62	7		
27	8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	40	11	1,270	80	172	817	198	3	
28	5	Logging camps and logging contractors (not operating sawmills)	3	4	26		1	24	1		
29	9	Lubricating oils and greases—not made in petroleum refineries	7	1	190	9	28	118	31		4
30	1	Macaroni, spaghetti, vermicelli, and noodles	10	3	398	21	14	316	44	2	1
31	8	Machine and hand typesetting (including advertisement typesetting)	27	24	273	23	31	214	5		
32	17	Machine-shop products, not elsewhere classified	47	20	1,744	60	148	1,300	221	6	9
33	17	Machine-shop repairs	52	46	386	14	37	323	8		4
34	17	Machine-tool and other metalworking-machinery accessories, metal cutting and shaping tools, and machinists' precision tools	9	5	169	11	12	133	10		3
35	1	Malt liquors	17	2	5,081	40	324	3,727	981	1	8
36	6	Mattresses and bedsprings	25	15	874	22	61	721	69		1
37	1	Meat packing, wholesale	53	30	6,484	70	815	4,558	990	30	41
38	17	Mechanical power-transmission equipment	4	2	227	2	6	219			
39	4	Men's and boys' hats and caps (except felt and straw)	23	29	606	18	27	547	14		
40	4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	17	2	4,117	13	164	3,827	106	4	3
41	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	10	7	371	8	6	349	8		
42	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	14	1	2,165	30	130	1,820	185		
43	4	Men's and boys' underwear—made in inside factories or by jobbers engaging contractors	3		536	3	16	487	30		
44	4	Men's neckwear—made in inside factories or by jobbers engaging contractors	12	3	696	20	30	563	83		
45	17	Metalworking machinery and equipment, not elsewhere classified	6	3	192	7	34	116	34		1
46	4	Millinery	34	21	1,168	39	74	997	55		3
47	13	Mineral wool	4		150	2	13	133	2		
48	13	Minerals and earths, ground or otherwise treated	8		143	10	21	109		2	1
49	17	Mining machinery and equipment	5	2	115	4	16	86	9		
50	13	Mirrors and other glass products made of purchased glass	18	15	215	13	21	157	21		
51	20	Miscellaneous fabricated products not elsewhere classified	12	4	271	18	23	216	14		
52	4	Miscellaneous fabricated textile products not elsewhere classified	5	6	108	3	3	80	22		
53	20	Models and patterns (except paper patterns)	21	10	290	23	14	215	38		
54	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	28	20	543	23	35	437	48		
55	9	Mucilage, paste, and other adhesives, except glue and rubber cement	4	2	32	4	8	13	7		
56	8	Newspapers: publishing and printing	236	226	6,234	111	1,413	3,171	1,539		
57	8	Newspapers: publishing without printing	15	13	56	5	44		7		
58	1	Nonalcoholic beverages	148	94	2,115	111	196	704	1,055	12	37
59	15	Nonferrous-metal foundries (except aluminum)	13	5	560	18	58	470	13		1
60	15	Nonferrous-metal products not elsewhere classified	9	6	221	10	31	172	8		
61	17	Office and store machines not elsewhere classified	5		129	7	14	101	7		
62	6	Office furniture	4	5	124	1	20	89	14		
63	14	Oil burners, domestic and industrial	3	1	26		8	16	1		1
64	17	Oil-field machinery and tools	3		125	7	19	84	15		
65	9	Paints, varnishes, and lacquers	46	17	1,523	76	162	856	406	6	18

See footnotes at end of table.

THE STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
35,399	2,080	2,548	30,771	.....	.....	.....	30,259	36,783	1,796	680	.....	98,828	59,569	1
221,687	58,895	16,561	122,393	23,838	.....	.....	308,836	302,008	2,846	3,649	333	655,382	346,546	2
7,218,528	980,309	1,012,861	4,527,323	695,050	2,985	.....	6,955,725	6,232,430	61,982	146,886	514,427	18,193,631	11,237,906	3
11,290,769	927,225	1,839,591	7,020,294	1,370,029	118,291	15,339	16,375,383	16,038,758	93,379	227,880	15,366	35,600,888	19,225,505	4
2,240,314	215,876	248,835	1,684,323	87,377	3,903	.....	2,157,650	1,804,827	204,841	126,126	21,856	5,572,644	3,414,994	5
(5)	(5)	(5)	(5)	.....	.....	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	6
102,768	11,580	4,544	74,935	11,709	.....	.....	84,521	77,635	1,316	2,370	3,200	289,555	205,034	7
(5)	(5)	(5)	(5)	(5)	.....	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	8
920,372	43,342	110,867	682,722	78,258	2,730	2,453	1,879,234	1,776,983	3,637	17,476	81,138	3,170,203	1,290,969	9
437,554	84,086	33,707	227,801	91,367	.....	593	1,060,050	1,047,037	5,084	6,107	1,822	1,859,727	799,677	10
431,161	43,047	55,510	308,081	22,050	.....	2,473	537,582	521,839	6,364	9,379	.....	1,226,870	689,288	11
1,424,864	185,328	150,671	452,152	575,444	15,817	45,452	3,993,432	3,790,457	50,848	152,127	.....	7,768,215	3,774,783	12
1,533,994	220,338	226,336	713,647	348,519	14,725	10,429	944,269	236,641	121,634	585,240	754	5,025,603	4,081,334	13
88,108	36,417	12,411	33,024	6,256	.....	.....	161,798	157,646	1,699	2,453	.....	335,088	173,290	14
517,105	141,649	54,409	279,370	41,037	.....	640	551,217	535,887	5,451	9,662	217	1,607,479	1,056,262	15
758,463	235,068	115,306	148,327	257,792	.....	1,970	1,063,775	1,040,544	11,325	11,906	.....	2,915,404	1,851,629	16
188,064	36,267	43,249	82,389	26,159	.....	.....	399,714	392,128	2,355	5,231	.....	799,717	400,003	17
1,722,342	84,561	347,847	1,199,986	89,948	.....	.....	1,354,913	1,272,014	75,566	7,333	.....	3,986,637	2,631,724	18
323,105	36,976	45,923	188,484	51,186	.....	536	388,078	364,985	631	3,374	19,088	939,041	550,963	19
410,749	52,625	32,643	287,526	37,955	.....	.....	498,113	481,888	5,883	10,342	.....	1,075,789	577,676	20
330,945	29,205	58,856	224,613	16,164	2,107	.....	270,234	256,909	2,148	11,177	.....	828,268	558,034	21
7,917	1,953	.....	5,964	.....	.....	.....	10,656	10,266	42	348	.....	21,640	10,984	22
225,506	26,600	33,958	160,840	3,000	1,108	.....	810,851	793,581	4,283	12,987	.....	1,476,165	665,314	23
1,039,957	171,549	144,146	534,168	182,032	.....	8,062	1,070,468	1,025,810	8,369	29,040	7,249	2,769,628	1,699,160	24
993,408	65,709	118,851	744,969	29,795	33,907	177	941,602	403,356	449,811	88,142	293	2,788,990	1,847,388	25
138,647	24,000	39,197	63,694	11,756	.....	.....	280,781	277,747	1,020	2,014	.....	485,543	204,762	26
2,295,689	393,053	287,642	1,131,777	478,261	4,956	.....	1,999,943	1,700,400	10,726	43,615	245,202	5,544,128	3,544,185	27
14,484	.....	490	13,514	480	.....	.....	27,554	23,954	3,600		.....	55,710	28,156	28
343,865	63,961	52,614	144,781	77,029	.....	5,480	979,255	957,995	8,775	12,485	.....	1,811,114	831,859	29
351,006	50,148	18,670	210,077	68,335	2,840	936	937,755	906,479	9,060	22,216	.....	1,639,512	701,757	30
505,692	86,766	43,951	366,310	8,665	.....	.....	106,875	83,970	4,930	8,147	9,828	834,591	727,716	31
2,700,278	348,165	286,518	1,683,733	361,269	10,872	9,721	3,729,218	3,616,711	35,766	68,777	7,964	9,284,056	5,554,838	32
638,320	51,622	85,732	491,425	7,127	.....	2,414	404,940	368,069	12,077	20,697	4,097	1,451,136	1,046,196	33
263,378	28,156	20,549	198,611	12,975	.....	3,087	161,498	150,362	2,188	8,948	.....	555,870	394,372	34
10,134,076	510,518	584,608	6,937,868	2,090,351	1,143	9,588	16,536,536	15,829,960	477,188	100,196	129,192	41,412,301	24,875,765	35
1,015,463	118,379	100,138	687,180	108,221	.....	1,545	2,031,566	1,993,844	12,800	24,922	.....	3,780,479	1,748,913	36
10,333,273	393,494	1,623,416	6,538,462	1,681,733	40,557	55,611	91,081,753	90,326,664	418,685	325,165	11,239	107,254,213	16,172,460	37
(5)	(5)	(5)	(5)	.....	.....	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	38
498,929	47,096	36,192	385,963	29,678	.....	.....	834,821	824,584	1,561	8,676	.....	1,509,635	674,814	39
2,682,360	66,005	202,447	2,298,245	110,217	3,455	1,991	5,572,462	5,514,689	12,301	45,472		9,287,689	3,715,227	40
307,695	17,163	8,007	276,057	6,468	.....	.....	91,826	82,081	691	6,540	2,514	495,238	403,412	41
2,671,557	193,766	297,821	1,897,109	282,861	.....	.....	5,590,982	5,101,970	11,249	27,223	450,540	10,396,288	4,805,306	42
351,754	22,066	24,402	268,611	36,675	.....	.....	808,278	801,339	1,105	5,834	.....	1,344,846	536,568	43
701,256	86,429	38,176	429,098	147,553	.....	.....	1,537,993	1,527,491	500	9,627	375	2,478,611	940,618	44
(5)	(5)	(5)	(5)	(5)	.....	(5)	(5)	(5)	(5)	(5)	.....	(5)	(5)	45
1,200,142	113,856	120,078	880,424	83,794	.....	1,990	1,725,712	1,692,883	4,909	27,920	.....	3,695,009	1,969,297	46
(5)	(5)	(5)	(5)	(5)	.....	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	47
242,700	42,565	35,604	160,898	.....	3,033	600	242,356	142,996	73,310	26,050	.....	763,624	521,268	48
126,256	16,880	17,614	81,425	10,337	.....	.....	153,752	147,244	2,055	3,853	.....	345,830	192,078	49
315,183	33,514	36,862	212,149	32,658	.....	.....	581,343	571,975	5,604	3,599	165	1,087,876	506,533	50
261,375	54,001	25,539	161,880	19,955	.....	.....	508,064	501,646	2,349	4,069	.....	1,033,537	525,473	51
97,135	17,213	5,255	51,416	23,251	.....	.....	146,548	141,211	2,655	2,682	.....	451,387	307,839	52
501,565	83,632	25,631	327,956	64,346	.....	.....	104,396	92,309	4,366	7,107	614	792,097	687,701	53
637,094	57,681	51,398	471,642	56,373	.....	.....	503,179	430,258	7,706	47,300	17,915	1,565,244	1,062,065	54
(5)	(5)	(5)	(5)	(5)	.....	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	55
11,446,886	817,265	2,775,408	5,310,021	2,544,192	.....	.....	7,306,627	6,753,237	90,165	195,354	267,871	28,171,482	20,864,855	56
81,206	26,986	46,379	.....	7,841	.....	.....	284,299	2,383	93	296	281,527	495,941	211,642	57
2,840,620	475,480	285,251	675,368	1,352,511	19,303	32,707	5,345,007	5,195,727	50,494	89,504	9,282	12,858,113	7,513,106	58
884,203	132,864	148,836	564,179	36,883	.....	1,441	2,391,058	2,314,646	45,386	24,738	6,288	3,998,928	1,607,870	59
355,549	80,075	57,953	188,667	28,854	.....	.....	551,059	534,506	8,031	8,522	.....	1,152,476	601,417	60
170,200	47,355	24,796	88,724	9,325	.....	.....	510,968	501,813	1,974	3,265	3,916	940,875	429,907	61
120,760	5,000	19,248	78,433	18,079	.....	.....	208,240	204,434	1,106	2,700	.....	500,836	292,596	62
(5)	.....	(5)	(5)	(5)	.....	(5)	(5)	(5)	(5)	(5)	.....	(5)	(5)	63
(5)	(5)	(5)	(5)	(5)	.....	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	64
2,575,911	386,524	289,309	1,055,815	804,081	10,252	29,930	9,345,436	9,234,814	35,144	75,478	.....	14,999,089	5,653,653	65

TABLE 8.—GENERAL STATISTICS FOR

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS ENGAGED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
1	7	Paper bags, except those made in paper mills	4		232	6	11	189	26		
2	7	Paperboard containers and boxes not elsewhere classified	46	9	3,120	75	226	2,664	147	7	1
3	6	Partitions, shelving, cabinet work, and office and store fixtures	26	16	1,446	40	148	1,171	85		2
4	10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	14		181	12	29	114	24	2	
5	[illegible]	Perfumes, cosmetics, and other toilet preparations	32	9	823	38	60	465	254		6
6	8	Periodicals: publishing and printing	34	17	1,231	36	379	714	102		
7	8	Periodicals: publishing without printing	60	6	495	61	239	11	182		2
8	8	Photoengraving, not done in printing establishments (including preparation of plates)	23	4	423	54	46	268	55		
9	20	Photographic apparatus and materials and projection equipment (except lenses)	6		271	10	39	170	42	10	
10	1	Pickled fruits and vegetables and vegetable sauces and seasonings	12	10	202	13	6	147	36		
11	5	Planing mills not operated in conjunction with sawmills	66	49	1,509	71	84	1,194	155	2	3
12	1	Poultry dressing and packing, wholesale	53	41	1,327	4	97	1,128	62	1	35
13	14	Power boilers and associated products	12	7	1,616	24	239	1,201	152		
14	1	Prepared feeds (including mineral) for animals and fowls	45	19	1,026	50	102	641	214	1	18
15	1	Preserves, jams, jellies, and fruit butters	5		186	8	15	145	14	3	1
16	9	Printing ink	10	3	129	11	9	72	36		1
17	17	Printing-trades machinery and equipment	9	2	62	8	5	40	9		
18	20	Professional and scientific instruments (except surgical and dental)	8	3	119	8	9	98	4		
19	17	Pumping equipment and air compressors	6		701	14	74	446	161		6
20	17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	16	6	947	20	117	741	67		2
21	4	Robes, lounging garments, and dressing gowns	5	3	329	3	22	287	17		
22	10	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	6		219	7	26	146	36	4	
23	11	Rubber products not elsewhere classified	14	5	910	19	47	803	35	3	3
24	12	Saddlery, harness, and whips	8	3	112	2	8	102			
25	1	Salad dressings	5	2	121	2	8	98	13		
26	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	23	17	318	12	18	193	89	2	4
27	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	91	68	2,145	27	102	1,969	45	2	
28	14	Screw-machine products and wood screws	6	3	178	5	17	151	5		
29	13	Sewer pipe and kindred products	3		367	6	25	314	14	8	
30	15	Sheet-metal work not specifically classified	43	9	899	59	81	680	73		6
31	20	Signs, advertising displays, and advertising novelties	50	33	784	44	65	593	82		
32	12	Small leather goods	5	2	374	6	38	297	33		
33	9	Soap and glycerin	10	5	537	14	103	302	42	76	
34	17	Special-industry machinery, not elsewhere classified	6	2	449	13	57	310	69		
35	20	Sporting and athletic goods not elsewhere classified	11	9	502	11	36	440	15		
36	14	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	7	3	200	5	33	148	14		
37	14	Stamped and pressed metal products (except automobile stampings)	16	6	1,168	30	78	1,034	26		
38	13	Statuary and art goods (except stone and concrete)—factory production	8	9	69	7	4	56	2		
39	14	Steam fittings, regardless of material	7		337	9	30	254	44		
40	14	Steel barrels, kegs, and drums	5	1	381	5	23	320	33		
41	14	Steel castings	6		1,116	14	93	984	24		1
42	14	Steel works and rolling mills	3		3,384	10	120	3,093	161		
43	17	Stokers, mechanical, domestic and industrial	5		108	5	9	61	33		
44	14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	20	7	2,396	41	202	1,650	503		
45	12	Suitcases, brief cases, bags, trunks, and other luggage	17	8	710	12	31	639	28		
46	20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	19	5	807	22	55	357	373		
47	4	Textile bags—not made in textile mills	13	7	1,482	7	119	1,258	96	1	1
48	14	Tin cans and other tinware not elsewhere classified	9	1	845	2	142	670	21	10	
49	2	Tobacco (chewing and smoking) and snuff	7	1	1,710	18	126	1,508	53		5
50	20	Tobacco pipes and cigarette holders	5	4	194	5	10	173	5	1	
51	14	Tools (except edge tools, machine tools, files, and saws)	8	9	275	11	20	224	20		
52	4	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories	3	2	30	3	3	24			
53	4	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	7	6	177	3	6	162	6		
54	4	Trousers (semidress), wash suits, and washable service apparel	19	9	1,515	22	81	1,342	67	2	1
55	6	Upholstered household furniture	19	12	607	13	52	511	30		1
56	17	Vending, amusement, and other coin-operated machines	4	1	104	1	3	96	4		
57	6	Venetian blinds	11	15	240	12	9	186	33		
58	1	Vinegar and cider	6		44	2	7	34	1		
59	13	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	8	2	54	8	4	30	12		
60	6	Window and door screens and weather strip	12	11	117	7	5	84	20		1
61	6	Window shades	5	3	64	5	11	31	17		
62	14	Wirework not elsewhere classified	23	19	1,084	21	80	842	141		
63	16	Wiring devices and supplies	4	1	394	13	52	300	27	1	1
64	4	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	4	1	204	2	12	183	7		
65	4	Women's and misses' dresses (except house dresses)—made in contract factories	11	17	493		12	481			

See footnotes at end of table.

THE STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [1]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [3]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	1
3,981,427	463,816	404,239	2,698,739	405,529	8,324	780	9,019,150	8,901,194	36,967	80,911	78	16,045,365	7,026,215	2
2,120,582	276,074	262,904	1,430,023	150,004	----------	1,577	2,389,237	2,317,987	20,489	42,134	8,627	5,368,764	2,979,527	3
251,462	38,122	46,436	105,353	60,331	1,220	----------	494,907	461,901	18,613	11,050	3,343	1,060,289	565,382	4
945,531	167,824	98,672	336,515	337,375	----------	5,145	1,733,956	1,709,264	9,072	10,486	5,134	5,103,925	3,369,969	5
1,947,118	148,069	534,046	1,038,200	226,803	----------	----------	1,134,290	964,994	14,899	34,604	119,793	4,794,979	3,660,689	6
873,173	267,793	369,822	20,224	214,434	----------	900	1,456,429	142,307	1,970	1,102	1,311,050	3,358,315	1,901,886	7
982,839	191,686	67,890	605,218	118,045	----------	----------	194,085	145,587	1,962	14,845	31,691	1,494,470	1,300,385	8
401,987	57,581	67,673	183,113	81,977	11,643	----------	609,961	578,838	16,584	14,539	----------	1,336,519	726,558	9
259,770	45,002	8,564	118,615	87,589	----------	----------	502,577	495,692	2,874	4,011	----------	847,887	345,310	10
1,855,733	219,648	154,691	1,253,207	222,453	3,400	2,334	2,681,081	2,570,649	19,519	87,128	3,785	5,654,546	2,973,465	11
894,285	18,240	143,493	668,324	50,218	1,225	12,785	11,738,661	11,664,617	24,256	44,245	5,543	14,060,426	2,321,765	12
2,638,433	245,727	461,786	1,666,368	264,552	----------	----------	4,420,613	4,298,192	25,890	70,507	26,024	8,444,670	4,024,057	13
1,342,310	163,205	173,956	733,078	258,268	1,639	12,164	13,964,155	13,744,596	44,655	174,904	----------	20,533,366	6,569,211	14
216,798	49,830	20,918	120,016	18,708	4,138	3,188	1,499,257	1,473,077	18,281	7,899	----------	1,948,464	449,207	15
278,332	76,025	24,387	89,823	86,705	----------	1,392	553,921	537,479	4,730	11,712	----------	1,169,971	616,050	16
100,991	19,728	6,884	53,101	21,278	----------	----------	73,177	68,134	2,629	2,414	----------	274,665	201,488	17
130,879	17,400	14,570	93,784	5,125	----------	----------	138,741	134,334	1,358	2,806	243	376,906	238,165	18
1,087,635	126,516	136,293	542,377	275,665	----------	6,784	2,092,394	2,044,279	34,157	11,616	2,342	4,102,439	2,010,045	19
1,488,299	178,552	221,344	892,698	193,801	----------	1,904	3,244,565	3,160,051	22,276	21,961	40,277	6,038,648	2,794,083	20
274,659	30,000	30,687	208,492	5,480	----------	----------	670,065	656,048	545	3,077	10,395	1,231,962	561,897	21
274,389	20,700	39,326	161,298	48,721	4,344	----------	1,157,360	1,117,975	25,788	13,597	----------	2,054,094	896,734	22
921,572	79,578	112,421	664,236	57,389	4,940	3,008	2,109,590	2,022,306	9,015	61,759	16,510	4,296,679	2,187,089	23
96,608	3,500	10,126	82,982	----------	----------	----------	165,925	162,250	1,743	1,932	----------	311,161	145,236	24
116,336	8,350	9,896	79,173	18,659	258	----------	800,996	791,915	3,870	5,211	----------	1,092,179	291,183	25
433,327	37,770	34,050	222,307	134,123	2,040	3,037	2,106,722	2,068,999	12,829	24,894	----------	2,761,935	655,213	26
1,271,243	77,862	120,214	1,014,200	58,767	200	----------	2,045,124	1,977,752	33,201	13,678	20,493	4,305,402	2,260,278	27
293,258	29,905	31,511	210,038	21,804	----------	----------	230,676	217,974	2,852	9,826	24	704,623	473,947	28
390,243	29,990	38,713	285,581	24,714	11,245	----------	261,506	89,937	165,165	6,404	----------	860,204	598,698	29
1,329,772	258,340	157,212	824,778	84,643	----------	4,799	2,077,896	2,036,903	15,494	25,476	23	4,244,976	2,167,080	30
1,129,631	190,769	116,004	671,221	151,637	----------	----------	1,301,257	1,245,760	13,597	20,972	20,928	3,204,539	1,903,282	31
419,023	28,265	45,573	220,150	125,035	----------	----------	483,625	476,056	1,021	4,807	1,741	1,114,694	631,069	32
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	33
681,585	97,518	110,423	368,490	105,154	----------	----------	515,910	491,265	10,182	14,463	----------	1,751,097	1,235,187	34
496,430	25,784	52,025	387,468	31,153	----------	----------	785,666	777,346	1,983	6,337	----------	1,432,810	647,144	35
232,671	9,224	42,811	145,044	35,592	----------	----------	516,861	488,846	16,439	11,276	300	1,082,445	565,584	36
1,496,065	231,525	137,921	1,071,549	55,070	----------	----------	2,125,502	2,071,845	24,085	29,572	----------	4,819,817	2,694,315	37
66,227	15,516	4,420	45,170	1,121	----------	----------	54,559	51,680	1,341	1,538	----------	173,616	119,057	38
504,649	49,017	51,681	330,797	73,154	----------	----------	449,428	435,683	5,892	7,853	----------	1,496,136	1,046,708	39
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	40
1,409,185	91,167	207,490	1,052,161	57,067	----------	1,300	993,761	803,069	120,054	70,638	----------	2,989,224	1,995,463	41
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	42
140,810	12,166	11,303	77,412	39,929	----------	----------	201,909	192,345	5,403	3,883	278	471,288	269,379	43
3,220,424	298,696	330,353	1,921,191	670,184	----------	----------	4,107,422	3,866,766	119,424	44,966	76,266	10,900,027	6,792,605	44
710,568	49,055	40,803	588,035	32,675	----------	----------	1,173,811	1,156,201	6,707	10,350	553	2,167,729	993,918	45
674,756	104,587	63,053	309,006	198,110	----------	----------	891,622	868,993	10,472	12,057	100	2,088,210	1,196,588	46
1,659,899	49,400	199,735	1,107,009	301,335	1,040	1,380	11,637,939	11,599,855	18,187	18,322	1,575	14,269,463	2,631,524	47
1,078,128	3,684	282,412	712,923	69,041	10,068	----------	5,188,841	5,120,277	35,295	32,263	1,006	7,771,826	2,582,985	48
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	49
130,268	13,580	16,401	91,621	7,742	924	----------	119,206	112,969	1,295	4,942	----------	366,897	247,691	50
376,011	78,230	37,506	234,610	25,665	----------	----------	566,326	549,075	5,489	9,180	2,582	1,251,486	685,160	51
21,205	3,120	3,591	14,494	----------	----------	----------	13,699	11,426	8	765	1,500	57,525	43,826	52
145,749	22,500	10,228	106,191	6,830	----------	----------	553,888	550,957	118	2,813	----------	816,075	262,187	53
1,271,258	135,911	116,819	855,946	161,489	543	550	1,687,763	1,549,350	6,283	13,421	118,709	3,465,260	1,777,497	54
677,703	45,924	63,252	528,942	38,385	----------	1,200	1,367,796	1,351,615	4,179	12,002	----------	2,449,527	1,081,731	55
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	56
252,811	19,961	14,830	174,771	43,249	----------	----------	748,704	742,182	2,667	3,855	----------	1,195,308	446,604	57
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	58
60,219	12,460	7,003	28,500	12,256	----------	----------	116,334	110,922	717	4,695	----------	200,929	84,595	59
167,297	36,437	7,338	88,248	34,680	----------	594	290,589	278,480	1,835	10,167	107	713,918	423,329	60
58,592	8,459	9,197	20,198	20,738	----------	----------	113,436	112,459	428	549	----------	212,864	99,428	61
1,550,002	155,518	140,665	988,935	264,884	----------	----------	3,109,817	3,046,138	23,791	33,123	6,765	6,652,206	3,542,389	62
468,414	64,300	64,335	281,990	54,589	1,000	2,200	558,590	533,460	12,610	12,520	----------	1,976,609	1,418,019	63
174,609	6,240	16,349	142,866	9,154	----------	----------	323,008	297,389	310	3,353	21,956	551,584	228,576	64
398,421	----------	16,852	381,569	----------	----------	----------	95,097	89,737	192	5,168	----------	614,856	519,759	65

TABLE 8.—GENERAL STATISTICS FOR

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS ENGAGED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
1	4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	59	40	4,520	67	244	3,962	241	1	5
2	4	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	9	1	719	2	42	637	37	1	.....
3	6	Wooden boxes except cigar boxes	9	5	377	6	31	326	9	5	.....
4	6	Wood preserving	6		241	1	38	202	.....	.....	.....
5	6	Wood products not elsewhere classified	26	29	565	16	40	505	4	.....	.....
6	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	34	6	5,830	43	206	5,169	400	5	7
7	4	Work gloves and mittens, cloth, cloth and leather combined	4	.	870		36	834	.....	.....	.....
8		Other industries [6]	352	123	37,060	347	3,791	30,840	1,825	221	36
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]									
9	1	Food and kindred products	38	7	2,078	19	272	1,661	119	7	.....
10	3	Textile-mill products and other fiber manufactures	18	1	1,751	23	137	1,541	50	.....	.....
11	4	Apparel and other finished products made from fabrics and similar materials	22	14	2,031	9	90	1,872	56	.....	4
12	7	Paper and allied products	14	1	798	12	76	630	61	12	7
13	9	Chemicals and allied products	48	21	3,411	31	638	2,469	102	169	2
14	14	Iron and steel and their products, except machinery	24	6	5,467	47	280	4,850	286	3	1
15	15	Nonferrous metals and their products	17	12	1,077	13	120	860	77	.....	7
16	16	Electrical machinery	15	3	695	12	97	567	19	.....	.....
17	17	Machinery (except electrical)	37	17	1,460	40	199	1,058	158	.....	5
18	19	Transportation equipment except automobiles	9	2	842	11	218	580	33	.....	.....
19	20	Miscellaneous industries	31	13	1,181	41	124	864	148	4	.....
	2	Tobacco manufactures	7	1	1,709	18	126	1,507	53	.....	5
	6	Furniture and finished lumber products	9	6	517	7	16	492	1	.....	1
	8	Printing, publishing, and allied industries	5	1	869	9	127	634	95	4	.....
	10	Products of petroleum and coal	3	.....	930	.....	91	839	.....	.....	.....
20	13	Stone, clay, and glass products	19	3	3,139	22	262	2,765	70	20	.....
	18	Automobiles and automobile equipment	31	15	8,413	27	886	6,997	497	2	4
	5	Lumber and timber basic products	2								
	11	Rubber products	2		692	6	32	654	.....	.....	.....
	12	Leather and leather products	1								

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.
[2] Figures do not include data for personnel of central-administrative offices.
[3] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

THE STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
4,950,033	391,696	433,956	3,752,844	365,427	2,600	3,510	7,710,549	7,039,445	4,325	49,132	617,647	14,614,978	6,904,429	1
497,520	24,800	61,051	354,531	55,427	1,711	.	1,313,336	1,292,280	1,090	6,522	13,444	1,972,638	659,302	2
331,713	11,053	46,463	261,451	7,041	5,705	.	604,210	581,766	2,686	19,758	.	1,211,939	607,729	3
253,761	2,400	59,348	192,013		.. ..	.	2,677,611	2,645,797	27,315	4,499		3,436,070	758,459	4
406,976	32,394	53,761	308,539	12,282	. ..		631,911	615,128	8,278	8,505	.	1,263,327	631,416	5
4,802,661	292,830	303,939	3,512,927	681,561	4,884	6,520	10,488,177	10,021,207	22,203	60,059	384,708	17,783,448	7,295,271	6
(5)	.	(5)	(5)			..	(5)	(5)	(5)	(5)		(5)	(5)	7
53,454,755	2,255,517	8,253,103	38,911,722	3,651,372	351,750	31,291	242,838,181	236,159,136	3,349,263	2,218,462	911,320	384,725,941	141,887,760	8
3,343,995	120,532	595,456	2,293,573	326,668	7,766	....	20,793,853	20,211,246	309,917	272,690	.....	34,355,266	13,561,413	9
1,768,451	232,832	291,589	1,151,786	92,244		. .	3,004,334	2,869,560	52,979	81,795	.....	6,429,505	3,425,171	10
1,484,353	91,828	128,362	1,226,250	35,493	.....	2,420	3,163,463	3,112,922	5,335	38,434	6,772	5,304,077	2,140,614	11
995,735	71,688	129,434	627,407	140,815	18,293	8,098	1,808,415	1,715,178	61,536	31,701	.. ..	3,612,606	1,804,191	12
5,759,772	133,020	1,555,006	3,596,582	194,812	278,508	1,844	21,385,455	20,637,284	564,163	182,589	1,419	41,567,260	20,181,805	13
7,898,908	452,375	719,270	6,047,452	671,792	7,369	650	11,950,890	9,978,735	994,064	528,344	449,747	26,475,414	14,524,524	14
1,541,611	91,597	249,034	1,075,284	117,505	....	8,191	12,093,331	11,767,862	208,731	116,538	200	16,407,699	4,314,368	15
843,749	35,832	147,618	623,381	36,918	....	.....	3,324,330	3,231,859	30,164	53,577	8,730	8,501,266	5,176,936	16
2,224,176	284,112	339,138	1,244,466	352,089	....	4,341	2,331,329	2,240,037	42,756	45,964	2,572	6,625,856	4,294,527	17
1,343,020	68,779	456,763	766,762	50,716	.. ..	.....	673,653	633,570	9,635	30,105	343	2,187,139	1,513,486	18
1,599,480	216,191	191,273	968,378	219,374	4,264	....	1,578,522	1,351,519	11,879	28,804	186,320	4,077,901	2,499,379	19
24,651,505	456,701	3,450,160	19,290,401	1,412,946	35,550	5,747	160,730,606	158,409,364	1,258,104	807,921	255,217	229,181,952	68,451,346	20

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[6] For numbers of establishments and of wage earners in individual industries, see table 12.

TABLE 9.—GENERAL STATISTICS FOR

[This table presents, for the industrial areas, separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for which combined figures are given, however, reported larger numbers of wage

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1]						
					Total [2]	Salaried officers of corporations [2]	Manufacturing		Distribution	Construction	Other
							Salaried employees [2]	Wage earners (average for year) [3]			
			ST. LOUIS INDUSTRIAL AREA								
1		All industries, total	2,787	1,382	161,572	2,829	16,157	126,831	13,733	1,678	344
2	19	Aircraft and parts, including aircraft engines	3		572	6	188	362	16		
3	15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	6	2	1,569	2	123	1,364	74		6
4	13	Asbestos products (except steam packing and pipe and boiler covering)	6		669	6	60	549	54		
5	3	Batting, padding, and wadding; upholstery filling	3		326	6	31	263	26		
6	20	Beauty-shop and barber-shop equipment	4	1	128	7	19	63	39		
7	4	Belts (apparel), regardless of material	3	1	32	1	6	24	1		
8	1	Biscuit, crackers, and pretzels	6	1	1,008	4	59	821	60	10	54
9	8	Bookbinding and related industries	30	20	438	24	28	362	24		
10	8	Books: printing without publishing [b]	14	9	186	12	20	141	13		
11	8	Books: publishing without printing	7	1	147	4	108		35		
12	12	Boot and shoe cut stock and findings	26	6	3,708	20	205	3,444	39		
13	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	344	342	4,366	56	210	3,696	352	9	43
14	13	Brick and hollow structural tile	19	2	564	15	43	493	13		
15	20	Brooms	4	5	15		1	12	2		
16	20	Brushes	4	1	65	7	9	36	13		
17	1	Candy and other confectionery products	16	10	1,207	12	99	958	112	15	11
18	4	Canvas products (except bags)	7	3	209	13	21	147	28		
19	19	Cars and car equipment—railroad, street, and rapid-transit	13		2,278	6	357	1,883	20	12	
20	6	Caskets, coffins, burial cases, and other morticians' goods	17	6	470	23	23	295	129		
21	9	Chemicals not elsewhere classified	11	2	3,150	3	616	2,043	42	445	1
22	20	Children's vehicles	3		299	6	31	254	8		
23	2	Cigars	9	9	100	3		94	3		
24	13	Clay refractories, including refractory cement (clay)	6		889	5	83	792	9		
25	9	Cleaning and polishing preparations, blackings, and dressings	25	12	346	29	45	121	151		
26	4	Clothing, leather and sheep-lined	4	4	341	3	20	276	42		
27	9	Coal-tar products, crude and intermediate	3		839		106	696		37	
28	7	Coated and glazed paper	3		308	4	27	232	39	6	
29	4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	19	14	546	18	28	474	18		8
30	9	Colors and pigments	5		1,083	2	216	855	10		
31	9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	8		166		16	85	65		
32	13	Concrete products	30	10	424	18	23	356	25	2	
33	1	Condensed and evaporated milk	3	1	29	1	4	19	5		
34	7	Converted paper products not elsewhere classified	3	6	235		11	224			
35	6	Cooperage	6	1	457	14	27	405	6	5	
36	1	Creamery butter	11	1	311	7	56	191	57		
37	4	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors [b]	16	7	433	15	17	372	26		3
38	14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	16	5	813	31	78	662	42		
39	14	Doors, window sash, frames, molding, and trim (made of metal)	4	1	313	8	15	247	43		
40	9	Drugs and medicines (including drug grinding)	38	4	2,033	56	228	1,145	578	22	4
41	16	Electrical products not elsewhere classified	3	1	40	6	8	25	1		
42	15	Electroplating, plating, and polishing	14	12	186	7	10	156	11		2
43	8	Electrotyping and stereotyping, not done in printing establishments	6	3	124	4	15	99	6		
44	17	Elevators, escalators, and conveyors [a]	6	3	172	12	26	112	22		
45	4	Embroideries, other than Schiffli-machine products—contract factories	6	9	126	2		116	5		3
46	14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	7	2	290	8	42	240			
47	14	Enameling, japanning, and lacquering	3	1	144	5	5	134			
48	7	Envelopes	4		455	9	24	340	82		
49	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	24	5	816	50	101	610	51	4	
50	20	Feathers, plumes, and artificial flowers	3		40	6	2	31	1		
51	9	Fertilizers	8		330		25	266	38		1
52	3	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	10	3	926	14	45	679	188		
53	1	Flavoring extracts and flavoring sirups, not elsewhere classified	20	11	322	17	39	179	84		3
54	1	Flour and other grain-mill products	14	1	575	23	57	404	81	4	6
55	1	Food preparations, not elsewhere classified	20	16	300	8	26	243	23		
56	17	Food-products machinery	7		290	14	44	205	27		
57	12	Footwear (except rubber)	26		9,342	42	500	8,636	160	4	
58	14	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	3	1	16	1	1	14			
59	20	Games and toys (except dolls and children's vehicles)	8	4	163	9	10	128	16		
60	8	General commercial (job) printing	200	141	3,244	157	364	2,511	210	2	
61	16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	20	1	7,476	69	960	5,915	472	48	12
62	14	Gray-iron and semisteel castings	16	2	1,382	20	96	1,233	30	3	
63	9	Grease and tallow (except lubricating greases)	6	6	62	3	7	52			
64	20	Hand stamps, stencils, and brands	5	3	59	3	1	43	12		
65	14	Hardware not elsewhere classified	3		507	8	26	459	14		
66	4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	8	3	421	7	30	360	23	1	

See footnotes at end of table.

INDUSTRIAL AREAS, BY INDUSTRIES: 1939

individual establishments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for earners or larger values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
ST. LOUIS INDUSTRIAL AREA														
Dollars 229,629,214	*Dollars* 16,174,899	*Dollars* 31,706,701	*Dollars* 152,939,450	*Dollars* 25,878,649	*Dollars* 2,472,699	*Dollars* 456,816	*Dollars* 623,079,603	*Dollars* 599,109,755	*Dollars* 10,726,820	*Dollars* 6,702,551	*Dollars* 6,540,477	*Dollars* 1,086,595,741	*Dollars* 463,516,138	1
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	2
2,207,937	5,800	278,608	1,783,974	131,944	----	7,611	11,300,840	11,095,494	119,063	86,283	----	16,423,479	5,122,639	3
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	4
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	5
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	6
30,949	7,500	6,358	15,891	1,200	----	----	88,726	88,257	100	369	----	146,399	57,673	7
1,179,334	10,500	113,214	625,357	247,369	15,977	166,917	1,925,375	1,858,735	45,774	20,866	----	4,845,234	2,919,859	8
484,480	76,454	50,866	322,153	35,007	----	----	308,388	289,714	3,159	9,497	6,018	1,190,024	881,636	9
343,160	51,183	35,290	229,207	27,480	----	----	338,622	290,372	3,532	7,846	36,872	830,043	491,421	10
253,677	18,000	164,053	----	71,624	----	----	363,501	5,456	----	608	357,437	1,010,712	647,211	11
4,186,952	109,138	345,034	3,647,137	85,643	----	----	16,792,452	16,705,076	21,730	58,497	7,149	23,119,376	6,326,924	12
6,451,783	271,156	451,962	5,337,200	349,880	10,995	30,590	10,957,213	10,455,891	309,230	192,092	----	22,144,267	11,187,054	13
648,175	44,600	73,755	502,325	27,495	----	----	350,217	129,151	160,335	59,382	1,349	1,599,864	1,249,647	14
10,573	----	1,515	7,329	1,729	----	----	16,303	15,960	126	217	----	35,211	18,908	15
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	16
1,209,012	43,112	160,950	779,207	190,554	21,687	13,502	3,008,366	2,931,002	40,008	37,356	----	5,069,653	2,061,287	17
232,373	43,268	29,359	124,977	34,769	----	----	573,533	569,028	1,845	2,660	----	976,528	402,995	18
3,336,224	51,600	741,861	2,501,464	15,716	25,583	----	7,366,773	7,161,161	120,478	85,134	----	11,405,215	4,038,442	19
783,387	141,847	44,108	307,658	289,774	----	----	773,092	752,963	6,481	10,783	2,865	1,976,359	1,203,267	20
5,591,449	31,930	1,659,066	3,195,756	77,828	625,289	1,580	13,627,609	12,773,699	795,708	58,202	----	31,410,525	17,782,916	21
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	22
74,776	5,100	----	66,621	3,055	----	----	72,292	70,694	1,289	309	----	175,763	103,471	23
1,012,678	32,925	161,320	802,543	15,890	----	----	1,179,765	835,792	305,858	38,115	----	3,346,273	2,166,508	24
671,678	161,560	81,603	136,099	292,416	----	----	1,249,865	1,236,572	7,945	5,348	----	3,083,057	1,833,192	25
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	26
(5)	----	(5)	(5)	----	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	27
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	28
728,154	58,289	57,764	583,432	23,934	----	4,735	1,288,863	1,269,370	866	7,635	10,992	2,495,361	1,206,498	29
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	30
274,050	----	39,073	121,446	113,531	----	----	319,424	256,920	2,730	59,774	----	1,299,239	979,815	31
570,149	72,992	52,587	391,753	47,513	5,304	----	1,312,044	1,282,402	9,743	16,892	3,007	2,224,400	912,356	32
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	33
(5)	----	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	34
571,914	64,934	45,795	432,982	17,804	6,438	3,961	1,134,274	1,119,034	6,485	8,755	----	1,843,924	709,650	35
499,325	35,460	105,768	234,377	123,720	----	----	4,485,081	4,379,663	52,943	52,475	----	5,891,143	1,406,062	36
401,422	81,044	23,422	257,045	37,311	----	2,600	1,424,167	1,395,825	470	6,077	21,795	2,086,904	662,737	37
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	38
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	39
3,342,877	526,600	454,545	1,175,591	1,152,018	29,681	4,442	5,223,154	5,154,307	30,210	38,237	400	19,373,137	14,149,983	40
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	41
233,393	24,787	16,460	176,726	14,150	----	1,270	111,533	85,915	6,898	17,476	1,244	497,755	386,222	42
230,274	20,600	29,424	171,104	9,146	----	----	55,594	47,508	2,675	5,411	----	383,929	328,335	43
219,774	56,682	24,071	103,059	35,962	----	----	265,622	257,802	1,317	2,838	3,665	660,904	395,282	44
(5)	(5)	----	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	45
325,321	34,016	58,274	233,031	----	----	----	287,911	269,646	11,150	7,115	----	762,365	474,454	46
(5)	(5)	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	47
668,022	54,356	54,334	384,134	175,198	----	----	900,858	878,952	1,765	12,552	7,589	1,882,406	981,548	48
1,341,189	326,136	211,356	688,091	108,606	7,000	----	2,410,627	2,322,374	24,599	33,483	30,171	4,835,676	2,425,049	49
36,916	11,737	1,473	19,751	3,955	----	----	50,238	49,670	105	463	----	98,763	48,525	50
384,381	----	48,053	263,846	71,665	317	500	1,916,794	1,880,970	10,211	25,613	----	2,978,803	1,062,009	51
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	52
665,842	170,626	87,315	213,635	180,792	----	13,474	3,594,456	3,578,679	7,916	7,861	----	9,313,601	5,719,145	53
857,513	117,377	112,285	466,319	152,293	3,275	5,964	8,122,905	8,001,428	44,554	76,923	----	9,756,777	1,633,872	54
234,506	24,536	38,938	134,555	36,477	----	----	2,250,306	2,235,803	11,079	3,424	----	2,993,740	743,434	55
450,845	56,876	84,975	250,400	58,594	----	----	563,830	547,595	7,734	6,844	1,657	1,194,778	630,948	56
9,358,884	346,693	892,986	7,395,938	709,269	13,998	----	10,649,529	10,444,881	24,768	79,405	100,475	23,925,581	13,276,052	57
(5)	(5)	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	58
177,897	50,354	11,109	101,536	14,898	----	----	227,103	221,406	2,743	2,813	141	526,516	299,413	59
5,071,202	595,475	700,543	3,278,041	494,158	2,985	----	5,193,655	4,676,314	46,658	99,641	371,042	13,134,605	7,940,950	60
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	61
1,827,511	136,529	203,865	1,414,946	68,268	3,903	----	1,658,487	1,385,254	156,145	95,232	21,856	4,324,535	2,666,048	62
(5)	(5)	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	63
68,370	11,580	3,400	43,774	9,616	----	----	48,177	44,820	1,066	1,091	1,200	192,307	144,130	64
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	65
321,338	27,720	44,258	234,207	14,113	1,040	----	726,978	637,562	1,587	6,695	81,134	1,165,276	438,298	66

TABLE 9.—GENERAL STATISTICS FOR

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS ENGAGED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
		ST. LOUIS INDUSTRIAL AREA—Continued									
1	4	Housefurnishings (except curtains, draperies, and bedspreads)	14	6	215	13	23	148	29	1	1
2	1	Ice cream and ices	29	16	429	29	35	186	174		5
3	1	Ice, manufactured	38	4	379	25	38	229	74		13
4	12	Industrial leather belting and packing leather [a]	5	1	52	10	9	27	6		
5	17	Industrial machinery, not elsewhere classified	12	2	634	23	109	470	32		
6	9	Insecticides, fungicides, and related industrial and household chemical compounds	22	3	270	38	35	120	75		2
7	15	Jewelry (precious metals)	11	17	159	8	22	95	33		1
8	6	Laboratory, hospital, and other professional furniture [b]	7	5	297	8	18	254	17		
9	6	Lasts and related products	5	3	221	5	28	181	6	1	
10	12	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	7		1,139	6	90	1,042	1		
11	15	Lighting fixtures	7		459	18	56	315	70		
12	8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers) [b]	31	5	1,090	63	155	695	175	2	
13	9	Lubricating oils and greases—not made in petroleum refineries	5	1	54	8	6	22	18		
14	1	Macaroni, spaghetti, vermicelli, and noodles	8	3	265	13	10	213	28		1
15	8	Machine and hand typesetting (including advertisement typesetting)	18	14	194	17	21	152	4		
16	17	Machine-shop products, not elsewhere classified	32	9	1,567	52	129	1,167	203	6	10
17	17	Machine-shop repairs	22	21	159	4	7	142	5		1
18	17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	10	7	195	11	15	156	10		3
19	17	Machine tools	3		137	5	14	115	2		1
20	1	Malt liquors	16	1	4,982	41	303	3,714	915		9
21	6	Mattresses and bedsprings	10	5	510	15	28	431	35		1
22	1	Meat packing, wholesale	40	22	8,831	63	1,028	6,201	1,443	82	14
23	4	Men's and boys' hats and caps (except felt and straw)	15	19	418	14	20	378	6		
24	4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	6		1,363	7	83	1,199	70	4	
25	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	10	7	371	8	6	349	8		
26	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	11	1	1,821	21	101	1,571	128		
27	4	Men's neckwear—made in inside factories or by jobbers engaging contractors	7	1	410	11	23	327	49		
28	17	Metalworking machinery and equipment, not elsewhere classified	4		188	7	34	112	34		1
29	4	Millinery	28	17	919	34	60	782	43		
30	13	Minerals and earths, ground or otherwise treated	6		56	3	5	45	2		1
31	13	Mirrors and other glass products made of purchased glass	13	9	175	13	17	128	17		
32	20	Miscellaneous fabricated products not elsewhere classified	8	3	178	10	13	143	12		
33	4	Miscellaneous fabricated textile products not elsewhere classified	4	2	86	3	2	59	22		
34	20	Models and patterns (except paper patterns)	20	8	281	23	14	206	38		
35	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	17	7	172	16	13	124	19		
36	18	Motor vehicles, motor-vehicle bodies, parts and accessories	17	6	4,781	22	568	3,901	288	2	
37	8	Newspapers: publishing and printing	34	23	3,007	28	650	1,391	935	3	
38	8	Newspapers: publishing without printing	10	8	50	3	39	1	7		
39	1	Nonalcoholic beverages	76	42	1,007	45	75	315	545		27
40	15	Nonferrous-metal foundries (except aluminum)	9	3	503	16	53	423	11		
41	15	Nonferrous-metal products not elsewhere classified	4	3	78	5	4	66	3		
42	17	Office and store machines, not elsewhere classified	5		130	10	19	89	10		2
43	17	Oil-field machinery and tools	3		125	7	19	84	15		
44	20	Organs	3		205	8	15	123	59		
45	9	Paints, varnishes, and lacquers	34	12	875	56	123	472	217	6	1
46	7	Paper and paperboard mills	4		771	7	46	696	22		
47	7	Paper bags, except those made in paper mills	4		232	6	11	189	26		
48	7	Paperboard containers and boxes not elsewhere classified	38	6	2,814	65	203	2,427	115	3	1
49	6	Partitions, shelving, cabinet work, and office and store fixtures	17	4	1,326	36	143	1,068	77		2
50	10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	6		119	8	23	71	17		
51	8	Periodicals: publishing and printing	15	1	550	15	142	342	50	1	
52	8	Periodicals: publishing without printing	42	6	401	42	181	8	168		2
53	8	Photoengraving, not done in printing establishments (including preparation of plates) [b]	16	2	305	32	33	199	41		
54	20	Photographic apparatus and materials and projection equipment (except lenses) [b]	6		271	10	39	170	42	10	
55	1	Pickled fruits and vegetables and vegetable sauces and seasonings	9	8	187	12	5	136	34		
56	5	Planing mills not operated in conjunction with sawmills	47	19	1,007	55	62	805	80	1	4
57	1	Poultry dressing and packing, wholesale	14	13	222	2	12	176	32		
58	14	Power boilers and associated products	6	1	398	13	66	314	5		
59	1	Prepared feeds (including mineral) for animals and fowls	16	2	527	18	72	356	78		3
60	1	Preserves, jams, jellies, and fruit butters	3		128	7	10	101	8	2	
61	9	Printing ink	6	1	84	8	6	46	24		
62	17	Printing-trades machinery and equipment	6	1	47	7	4	30	6		
63	20	Professional and scientific instruments (except surgical and dental)	6	3	101	4	8	86	3		
64	17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	11	4	684	11	82	557	34		
65	4	Robes, lounging garments, and dressing gowns	3		203	3	9	191			

See footnotes at end of table.

INDUSTRIAL AREAS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
ST. LOUIS INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
243,071	62,953	31,453	115,720	31,152	1,200	593	702,895	694,943	3,812	4,140	.....	1,169,449	466,554	1
708,727	106,223	55,930	228,165	311,022	.....	7,387	1,922,071	1,837,252	11,801	73,018	.....	3,908,907	1,986,836	2
570,469	75,306	73,822	311,534	94,403	.....	15,404	421,095	110,760	23,184	287,151	.....	2,514,301	2,093,206	3
88,108	36,417	12,411	33,024	6,256	.....	.....	161,798	157,646	1,699	2,453	.....	335,088	173,290	4
1,144,296	151,209	187,820	756,165	49,102	.....	.....	897,509	830,830	20,817	45,645	217	3,372,082	2,474,573	5
548,342	178,462	90,433	123,350	154,433	.....	1,664	761,720	742,493	9,136	10,091	.....	2,213,333	1,451,613	6
235,513	26,866	29,843	127,642	50,626	.....	536	277,609	272,032	631	1,030	3,916	683,410	405,801	7
410,749	52,625	32,643	287,526	37,955	.....	.....	498,113	481,888	5,883	10,342	.....	1,075,789	577,676	8
330,945	29,205	58,856	224,613	16,164	2,107	.....	270,234	256,909	2,148	11,177	.....	828,268	558,034	9
(5)	(5)	(5)	(5)	(5)	(5)	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	10
671,207	110,441	117,549	303,593	139,624	.....	.....	676,677	644,895	5,938	22,810	3,034	1,838,618	1,161,941	11
1,933,657	304,041	260,160	927,400	437,138	4,918	.....	1,666,103	1,462,055	9,246	35,628	159,174	4,694,135	3,028,032	12
(5)	(5)	(5)	(5)	(5)	.....	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	13
(5)	(5)	(5)	(5)	(5)	.....	(5)	(5)	(5)	(5)	(5)	.....	(5)	(5)	14
368,938	67,435	32,381	261,667	7,455	.....	.....	72,001	54,360	3,751	5,233	8,657	577,045	505,044	15
2,429,560	275,954	265,472	1,544,528	322,262	10,872	10,472	2,796,239	2,689,595	37,447	61,621	7,576	7,951,081	5,154,842	16
230,961	12,130	6,852	206,641	4,533	.....	805	197,061	184,025	4,393	7,502	1,141	615,648	418,587	17
(5)	(5)	(5)	(5)	(5)	.....	(5)	(5)	(5)	(5)	(5)	.....	(5)	(5)	18
143,146	12,243	21,301	105,666	2,819	.....	1,117	107,701	100,603	2,997	4,101	.....	314,321	206,620	19
10,012,011	518,259	568,394	6,955,722	1,959,579	.....	10,057	16,677,124	16,008,211	463,083	76,638	129,192	41,181,636	24,504,512	20
658,175	95,180	49,220	465,683	46,547	.....	1,545	1,184,040	1,161,189	9,373	13,478	.....	2,266,905	1,082,865	21
14,325,061	431,358	2,058,837	9,017,084	2,657,998	138,838	20,946	117,366,951	116,689,995	341,739	311,352	23,865	137,620,972	20,254,021	22
365,834	39,166	28,788	287,370	10,510	.....	.....	586,482	579,725	786	5,971	.....	1,065,783	479,301	23
1,044,951	48,305	114,287	815,473	63,431	3,455	.....	1,867,582	1,847,880	7,139	12,563	.....	3,329,504	1,461,922	24
307,695	17,163	8,007	276,057	6,468	.....	.....	91,826	82,081	691	6,540	2,514	495,238	403,412	25
2,271,836	131,446	254,496	1,682,536	203,358	.....	.....	5,057,418	4,576,484	9,119	21,275	450,540	9,355,820	4,298,402	26
457,885	65,989	28,836	254,961	108,099	.....	.....	765,462	760,820	.....	4,267	375	1,412,393	646,931	27
(5)	(5)	(5)	(5)	(5)	.....	(5)	(5)	(5)	(5)	(5)	.....	(5)	(5)	28
980,868	95,239	92,283	733,764	59,582	.....	.....	1,397,419	1,373,260	2,792	21,367	.....	3,005,658	1,608,239	29
57,069	6,375	7,846	38,999	3,249	.....	600	100,113	86,666	5,714	6,672	1,061	201,881	101,768	30
244,822	33,514	24,419	162,851	24,038	.....	.....	464,254	457,024	4,543	2,522	165	834,904	370,650	31
182,269	42,948	16,686	106,228	16,407	.....	.....	345,123	341,344	1,715	2,064	.....	687,601	342,478	32
(5)	(5)	(5)	(5)	(5)	.....	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	33
488,911	83,632	25,631	315,302	64,346	.....	.....	90,044	78,513	4,366	6,551	614	740,836	650,792	34
208,817	31,951	18,450	132,519	25,897	.....	.....	142,958	121,460	2,568	13,995	4,935	488,710	345,752	35
(5)	(5)	(5)	(5)	(5)	(5)	.....	(5)	(5)	(5)	(5)	(5)	(5)	(5)	36
6,745,637	447,735	1,501,892	3,012,646	1,779,456	3,908	.....	3,787,891	3,432,845	36,411	111,052	207,583	15,122,183	11,334,292	37
72,916	24,286	40,561	228	7,841	.....	.....	255,100	3,300	116	324	251,360	442,078	186,978	38
1,395,482	218,689	118,139	371,085	676,372	.....	11,197	2,654,618	2,596,002	22,681	35,935	.....	6,746,356	4,091,738	39
(5)	(5)	(5)	(5)	(5)	.....	.....	(5)	(5)	(5)	(5)	(5)	(5)	(5)	40
(5)	(5)	(5)	(5)	(5)	.....	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	41
212,027	63,700	31,069	102,117	13,700	.....	1,441	564,681	554,905	2,185	3,766	3,825	1,084,247	519,566	42
(5)	(5)	(5)	(5)	(5)	.....	.....	(5)	(5)	(5)	(5)	(5)	(5)	(5)	43
(5)	(5)	(5)	(5)	(5)	.....	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	44
1,536,054	269,949	208,161	536,138	507,473	9,947	4,386	4,817,296	4,749,078	23,876	44,342	.....	8,955,032	4,137,736	45
(5)	(5)	(5)	(5)	(5)	.....	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	46
(5)	(5)	(5)	(5)	(5)	.....	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	47
3,613,395	411,537	345,617	2,535,927	316,029	3,505	780	9,092,502	8,981,035	37,321	74,068	78	15,725,929	6,633,427	48
1,943,254	264,974	257,785	1,280,345	138,573	.....	1,577	2,084,144	2,026,208	19,101	37,731	1,104	4,741,771	2,657,627	49
193,648	27,998	31,797	83,163	50,690	.....	.....	371,377	354,823	11,373	5,181	.....	706,873	335,496	50
909,392	48,984	221,028	538,658	99,541	1,181	.....	522,428	451,942	6,665	17,414	46,407	1,875,194	1,352,766	51
707,237	201,370	294,478	19,486	191,003	.....	900	1,246,216	104,276	1,895	1,132	1,138,913	2,811,522	1,565,306	52
719,766	120,552	45,350	464,083	89,781	.....	.....	132,487	97,170	1,495	9,927	23,895	1,064,136	931,649	53
401,987	57,581	67,673	183,113	81,977	11,643	.....	609,961	578,838	16,584	14,539	.....	1,336,519	726,558	54
245,384	41,942	7,414	110,599	85,429	.....	.....	460,546	454,802	2,326	3,418	.....	776,429	315,883	55
1,293,622	164,838	97,746	905,099	119,789	2,550	3,600	1,781,554	1,702,395	9,391	69,083	685	3,688,235	1,906,681	56
132,437	7,440	17,859	85,474	21,664	.....	.....	1,646,930	1,633,278	3,201	4,908	5,543	2,126,080	479,150	57
719,365	100,125	135,001	474,473	9,766	.....	.....	1,040,225	977,596	13,783	22,922	25,924	1,935,473	895,248	58
688,362	94,790	92,713	403,643	94,464	.....	2,752	7,343,340	7,222,816	19,881	100,643	.....	11,814,054	4,470,714	59
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	.....	(5)	(5)	60
162,268	50,613	14,507	56,098	41,050	.....	.....	339,778	329,946	3,159	6,673	.....	733,089	393,311	61
67,107	13,228	5,436	38,458	9,985	.....	.....	41,989	39,059	1,195	1,735	.....	171,282	129,293	62
(5)	(5)	(5)	(5)	(5)	.....	.....	(5)	(5)	(5)	(5)	(5)	(5)	(5)	63
1,045,109	76,652	161,793	673,721	132,943	.....	.....	2,662,218	2,629,432	17,703	15,083	.....	4,657,074	1,994,856	64
(5)	(5)	(5)	(5)	.....	.....	.....	(5)	(5)	(5)	(5)	(5)	(5)	(5)	65

TABLE 9.—GENERAL STATISTICS FOR

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS ENGAGED IN MANUFACTURING ESTABLISHMENTS[1] Total[2]	Salaried officers of corporations[2]	Manufacturing: Salaried employees[2]	Manufacturing: Wage earners (average for year)[3]	Distribution	Construction	Other
		ST. LOUIS INDUSTRIAL AREA—Continued									
1	10	Roofing, built-up and roll, asphalt shingles, roof coating (except paint	5		407	5	32	285	71	14	
2	12	Saddlery, harness, and whips	3	3	28		1	27			
3	1	Salad dressings	3	2	39	2	1	31	5		
4	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	13	13	64	4	3	41	11	1	4
5	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	8	8	263	3	13	242	5		
6	14	Screw-machine products and wood screws	4	1	164	5	16	138	5		
7	15	Secondary smelting and refining of nonferrous metals, not elsewhere classified	3		488	3	57	389	21	18	
8	15	Sheet-metal work not specifically classified	33	11	639	43	58	482	53		3
9	20	Signs, advertising displays, and advertising novelties	33	16	647	38	61	486	62		
10	9	Soap and glycerin	7	2	507	12	99	294	26	76	
11	17	Special-industry machinery, not elsewhere classified	6	2	449	13	57	310	69		
12	20	Sporting and athletic goods not elsewhere classified	8	4	451	11	33	392	15		
13	14	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	3	1	179		31	134	14		
14	14	Stamped and pressed metal products (except automobile stampings)	13	5	1,084	25	67	966	26		
15	13	Statuary and art goods (except stone and concrete)—factory production	6	6	55	7	4	42	2		
16	14	Steam fittings, regardless of material	4		419	7	43	325	44		
17	14	Steel barrels, kegs, and drums	4	1	421	5	28	356	32		
18	14	Steel castings	8		3,647	15	412	3,119	36	47	18
19	14	Steel works and rolling mills	5		3,903	6	437	3,376	54	17	13
20	17	Stokers, mechanical, domestic and industrial	5		108	5	9	61	33		
21	14	Stoves, ranges, water heaters, and hot air furnaces (except electric)	24	3	3,251	42	257	2,404	546		2
22	12	Suitcases, brief cases, bags, trunks, and other luggage	11	6	407	7	15	385			
23	20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	10	1	685	17	39	277	352		
24	4	Textile bags—not made in textile mills	7	3	1,007	4	57	857	87	1	1
25	14	Tin cans and other tinware not elsewhere classified	6	1	625		117	480	21	7	
26	2	Tobacco (chewing and smoking) and snuff	7	2	1,656	12	127	1,468	47		2
27	14	Tools (except edge tools, machine tools, files, and saws)	4	1	187	9	18	140	20		
28	4	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories	3	2	30	3	3	24			
29	4	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	5	4	138	3	6	124	5		
30	4	Trousers (semidress), wash suits, and washable service apparel	15	5	1,344	18	81	1,181	61	2	1
31	6	Upholstered household furniture	10	2	360	9	28	309	13		1
32	6	Venetian blinds	10	16	180	4	3	149	24		
33	1	Vinegar and cider	3		27	3	5	18	1		
34	13	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	5	2	35	4	2	22	7		
35	6	Window and door screens and weather strip[6]	12	11	117	7	5	84	20		1
36	14	Wirework not elsewhere classified	12	7	854	15	68	636	135		
37	16	Wiring devices and supplies	3		177	7	17	141	10	1	1
38	4	Women's and misses' clothing not elsewhere classified—made in inside factories or by jobbers engaging contractors	3	1	156		10	142	4		
39	4	Women's and misses' dresses (except house dresses)—made in contract factories	11	17	493		12	481			
40	4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	51	39	2,897	47	136	2,582	127		5
41	4	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	6	1	631	2	34	557	37	1	
42	6	Wooden boxes except cigar boxes	7	3	259	6	30	212	8	3	
43	6	Wood preserving	4		267	1	23	234	9		
44	6	Wood products not elsewhere classified	7	10	84		7	75	2		
45	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	6	2	551	8	17	455	71		
46		Other industries[6]	505	176	51,503	643	5,788	41,348	2,745	927	52
		OTHER INDUSTRIES, BY INDUSTRY GROUPS[6]									
47	1	Food and kindred products	36	12	1,622	33	91	1,299	157	41	1
48	2	Tobacco manufactures	7	2	1,656	12	127	1,468	47		2
49	3	Textile-mill products and other fiber manufactures	25	5	2,403	32	152	1,988	231		
50	4	Apparel and other finished products made from fabrics and similar materials	38	31	1,262	17	60	1,098	81		6
51	6	Furniture and finished lumber products	18	5	883	19	71	763	27		3
52	7	Paper and allied products	18	6	1,858	20	116	1,602	107	6	7
53	8	Printing, publishing, and allied industries	13	9	103	10	11	77	5		
54	9	Chemicals and allied products	58	22	4,956	58	739	3,701	344	113	1
55	11	Rubber products	11	2	621	20	55	516	26	1	3
56	12	Leather and leather products	23	8	1,736	18	127	1,578	13		
57	13	Stone, clay, and glass products	28	10	4,380	36	536	3,695	103	10	
58	14	Iron and steel and their products, except machinery	48	15	4,175	72	372	3,533	194	3	1
59	15	Nonferrous metals and their products	23	10	2,357	32	224	1,990	87	21	3
60	16	Electrical machinery	43	5	8,948	104	1,097	7,158	527	49	13
61	17	Machinery (except electrical)	41	14	2,759	59	391	1,989	308		12
62	19	Transportation equipment except automobiles	6		739	10	210	501	18		
63	20	Miscellaneous industries	44	14	1,683	64	166	1,290	159	4	
64	18	Automobiles and automobile equipment	17	6	4,781	22	568	3,901	288	2	
	5	Lumber and timber basic products	2		4,581	5	675	3,201	23	677	
	10	Products of petroleum and coal	6								

See footnotes at end of table

INDUSTRIAL AREAS, BY INDUSTRIES: 1939—Continued

Salaries and wages: Total [2]	Salaries of officers of corporations [2]	Manufacturing: Salaries [2]	Manufacturing: Wages	Distribution	Construction	Other	Cost of materials, supplies, fuel, purchased electric energy, and contract work: Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
ST. LOUIS INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
555,570	24,400	63,399	332,785	107,116	27,870	.....	1,736,347	1,689,424	41,860	5,063	.....	3,206,963	1,470,616	1
16,813	.....	836	15,977	.....	.....	.....	31,922	31,536	139	247	.....	70,422	38,500	2
(5)	(5)	(5)	(5)	(5)	.....	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	3
86,050	8,600	4,485	52,069	17,450	409	3,037	667,525	658,881	2,785	5,859	.....	879,535	212,010	4
159,898	12,606	15,440	119,125	12,727	.....	.....	198,171	186,675	5,413	2,983	3,100	439,612	241,441	5
(5)	(5)	(5)	(5)	(5)	.....	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	6
(5)	(5)	(5)	(5)	(5)	(5)	.....	(5)	(5)	(5)	(5)	(5)	(5)	(5)	7
992,555	198,120	117,812	622,238	52,066	.....	2,319	1,559,711	1,527,761	13,025	18,902	23	3,145,028	1,585,317	8
950,006	161,675	111,675	550,285	126,371	.....	.....	1,095,032	1,049,294	11,288	16,995	17,455	2,626,952	1,531,920	9
(5)	(5)	(5)	(5)	(5)	(5)	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	10
681,585	97,518	110,423	368,490	105,154	.....	.....	515,910	491,265	10,182	14,463	.....	1,751,097	1,235,187	11
(5)	(5)	(5)	(5)	(5)	.....	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	12
(5)	.....	(5)	(5)	(5)	.....	.....	(5)	(5)	(5)	(5)	(5)	(5)	(5)	13
1,412,088	213,765	127,475	1,015,778	55,070	.....	.....	2,006,543	1,953,966	23,948	28,629	.....	4,506,345	2,499,802	14
(5)	(5)	(5)	(5)	(5)	.....	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	15
593,405	30,457	75,636	408,346	78,966	.....	.....	644,754	621,174	10,376	13,204	.....	1,771,404	1,126,650	16
614,316	51,200	55,682	428,123	79,311	.....	.....	1,049,140	1,020,114	10,461	18,565	.....	2,149,874	1,100,734	17
5,107,424	105,843	756,399	4,073,317	104,633	48,616	18,616	2,637,808	2,185,750	324,623	127,235	200	13,364,205	10,726,397	18
6,360,325	68,642	932,917	5,223,984	89,710	31,943	13,129	13,841,785	11,764,858	1,384,660	256,003	436,264	24,689,101	10,847,316	19
140,810	12,166	11,303	77,412	39,929	.....	.....	201,909	192,345	5,403	3,883	278	471,288	269,379	20
4,273,772	315,308	429,236	2,839,022	688,702	.....	1,504	5,734,729	5,199,930	148,273	62,838	323,688	14,298,434	8,563,705	21
(5)	(5)	(5)	(5)	.....	.....	.....	(5)	(5)	(5)	(5)	(5)	(5)	(5)	22
557,134	86,165	41,162	253,875	175,932	.....	.....	791,937	773,467	8,583	9,787	100	1,730,193	938,256	23
1,157,196	18,600	116,940	765,249	253,987	1,040	1,380	7,479,194	7,456,128	11,744	11,322	.....	9,202,942	1,723,748	24
817,442	.....	225,650	516,663	68,061	7,068	.....	3,036,510	2,986,325	23,399	25,780	1,006	4,289,834	1,253,324	25
(5)	(5)	(5)	(5)	(5)	.....	(5)	(5)	(5)	(5)	(5)	.....	(5)	(5)	26
266,480	72,230	32,566	136,019	25,665	.....	.....	497,319	491,310	2,395	3,614	.....	870,655	373,336	27
21,205	3,120	3,591	14,494	.....	.....	.....	13,699	11,426	8	765	1,500	57,525	43,826	28
(5)	(5)	(5)	(5)	(5)	.....	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	29
1,227,023	103,361	124,814	849,440	148,315	543	550	2,135,776	2,052,138	4,707	12,236	66,695	4,268,169	2,132,393	30
444,015	34,920	29,468	364,211	14,216	.....	1,200	857,246	848,878	1,847	6,521	.....	1,533,375	676,129	31
187,575	8,398	7,506	142,605	29,066	.....	.....	589,158	583,959	2,069	3,130	.....	935,924	346,766	32
62,023	27,216	12,254	18,193	4,360	.....	.....	125,214	122,634	371	2,209	.....	237,630	112,416	33
36,698	7,096	3,459	20,524	5,619	.....	.....	86,308	83,567	336	2,405	.....	148,294	61,986	34
167,297	36,437	7,338	88,248	34,680	.....	594	290,589	278,480	1,835	10,167	107	713,918	423,329	35
1,327,674	133,067	124,032	815,820	254,755	.....	.....	2,754,413	2,698,643	21,009	28,750	6,011	5,838,094	3,083,681	36
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	.....	(5)	(5)	37
(5)	.....	(5)	(5)	(5)	.....	.....	(5)	(5)	(5)	(5)	(5)	(5)	(5)	38
398,421	.....	16,852	381,569	.....	.....	.....	95,097	89,737	192	5,168	.....	614,856	519,759	39
2,884,740	246,030	200,450	2,230,531	204,219	.....	3,510	4,897,981	4,228,593	3,375	31,720	634,293	9,060,254	4,162,273	40
461,687	24,800	67,996	311,753	55,427	1,711	.....	1,107,103	1,087,658	300	5,701	13,444	1,638,585	531,482	41
227,162	11,053	48,277	158,639	6,050	3,143	.....	380,236	365,068	1,903	13,265	.....	771,983	391,747	42
297,216	6,600	40,351	236,086	14,179	.....	.....	1,742,091	1,706,603	23,362	12,126	.....	2,191,565	449,474	43
72,158	.....	10,168	59,070	2,920	.....	.....	116,847	111,742	345	4,760	.....	261,999	145,152	44
687,195	91,168	38,836	388,672	168,519	.....	.....	1,742,644	1,409,119	3,685	2,731	327,109	2,830,546	1,087,902	45
74,640,828	4,146,114	11,721,886	51,394,432	5,939,564	1,382,760	56,072	239,158,786	230,122,070	4,969,340	2,928,403	1,138,973	402,835,684	163,676,898	46
2,320,736	163,317	174,352	1,504,197	405,542	71,074	2,254	12,007,242	11,623,882	188,373	194,987	.....	19,069,661	7,062,419	47
1,763,850	45,800	259,122	1,379,818	77,078	.....	2,032	12,392,987	12,323,640	63,950	5,397	.....	18,285,285	5,892,298	48
2,525,143	266,370	291,006	1,612,071	355,696	.....	.....	4,313,789	4,165,753	60,140	82,757	5,139	8,979,157	4,665,368	49
1,248,684	135,570	93,771	954,079	61,451	.....	3,813	2,604,656	2,529,501	3,281	31,205	40,669	4,347,362	1,742,706	50
877,159	51,327	85,359	703,064	34,936	.....	2,473	1,621,781	1,584,259	9,901	27,621	.....	3,859,182	2,237,401	51
2,681,985	181,025	262,492	1,945,129	276,417	8,824	8,098	5,896,793	5,520,064	304,490	72,239	.....	10,274,094	4,377,301	52
128,246	28,534	14,555	79,557	5,600	.....	.....	72,755	58,786	533	2,989	10,447	295,561	222,806	53
7,232,204	281,460	1,510,800	4,601,231	641,731	196,501	481	19,982,908	19,125,239	676,517	173,987	7,165	41,140,882	21,157,974	54
969,143	132,562	130,347	654,221	47,505	1,500	3,008	3,135,123	2,963,881	27,392	127,340	16,510	4,571,623	1,436,500	55
2,058,330	50,833	224,359	1,723,830	58,200	1,108	.....	6,328,702	6,220,888	33,280	72,240	2,294	10,066,987	3,738,285	56
6,340,691	148,342	1,047,153	4,920,941	212,410	11,845	.....	7,452,558	5,395,027	1,383,428	674,103	.....	21,289,463	13,836,905	57
5,678,763	455,006	661,722	4,131,703	424,481	5,201	650	6,407,877	5,893,810	224,958	159,308	129,801	15,854,765	9,446,888	58
3,484,385	253,416	536,721	2,472,710	175,977	42,277	3,284	22,538,270	21,196,688	537,501	213,393	590,688	27,803,280	5,265,010	59
12,825,348	1,008,114	2,045,035	8,185,336	1,450,033	119,291	17,539	21,061,695	20,542,100	136,187	283,661	99,747	46,746,727	25,685,032	60
4,645,679	433,673	716,804	2,798,248	684,514	.....	12,440	5,041,536	4,834,813	142,198	61,953	2,572	13,226,110	8,184,574	61
1,266,078	63,779	446,013	715,831	40,455	.....	.....	620,838	582,580	8,853	29,405	.....	2,076,959	1,456,121	62
2,166,103	280,311	254,606	1,365,283	261,639	4,264	.....	2,411,807	2,177,408	15,648	32,188	186,563	5,787,025	3,375,218	63
16,428,301	166,675	2,967,669	11,647,183	725,899	920,875	.....	105,267,469	103,383,751	1,152,710	683,630	47,378	149,161,561	43,894,092	64

TABLE 9.—GENERAL STATISTICS FOR

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS ENGAGED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
		KANSAS CITY INDUSTRIAL AREA									
1		All industries, total	1,047	586	51,067	959	5,102	38,378	6,199	171	258
2	1	Biscuit, crackers, and pretzels	6	3	663	5	25	513	88	14	18
3	8	Bookbinding and related industries	7	4	73	7	3	61	2	-	-
4	8	Books: printing without publishing	8	5	109	8	15	76	10	-	-
5	8	Books: publishing without printing	3		74	6	25		43	-	-
6	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	56	36	2,175	25	105	1,851	147	11	36
7	20	Brooms	5	4	38	1	1	35	1	-	-
8	1	Candy and other confectionery products	8	3	555	6	26	407	104	12	-
9	4	Canvas products (except bags)	5	3	117	5	7	61	42	1	1
10	19	Cars and car equipment—railroad, street, and rapid-transit	7	-	218	-	21	195	-	-	2
11	6	Caskets, coffins, burial cases, and other morticians' goods	12	10	216	12	9	151	44	-	-
12	1	Cheese	3	1	48	1	7	28	1	-	11
13	9	Chemicals not elsewhere classified	4	1	36	1	5	30	-	-	-
14	9	Cleaning and polishing preparations, blackings, and dressings	8	3	100	4	10	51	34	-	1
15	4	Coats, suits, and skirts (except fur coats) made in inside factories or by jobbers engaging contractors	8	2	734	18	54	548	111	-	3
16	9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	8	-	101	-	14	67	20	-	-
17	13	Concrete products	13	2	241	13	21	180	27	-	-
18	7	Converted paper products not elsewhere classified	3	2	97	4	[illegible]	78	10	-	-
19	6	Cooperage	4	3	91	2	5	84	-	-	-
20	1	Creamery butter	9	3	267	13	39	140	69	5	1
21	7	Die-cut paper and paperboard and converted cardboard	3	1	191	3	41	132	13	2	-
22	9	Drugs and medicines (including drug grinding)	25	11	528	27	47	326	115	5	8
23	15	Electroplating, plating, and polishing	7	7	63	6	6	46	5	-	-
24	8	Electrotyping and stereotyping, not done in printing establishments	3	2	48	2	6	30	10	-	-
25	14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	3	-	71	9	7	51	4	-	-
26	8	Engraving (steel, copperplate, and wood); plate printing	3	2	58	5	4	45	4	-	-
27	7	Envelopes	4	-	202	8	13	148	33	-	-
28	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	7	2	353	16	39	235	63	-	-
29	1	Flavoring extracts and flavoring sirups, not elsewhere classified	8	5	49	6	12	21	9	-	1
30	1	Flour and other grain-mill products	10	1	1,099	10	133	902	33	4	17
31	1	Food preparations, not elsewhere classified	15	12	290	11	13	227	37	2	-
32	17	Food-products machinery	4	-	92	6	8	32	42	-	4
33	20	Games and toys (except dolls and children's vehicles)	3	3	38	-	7	26	5	-	-
34	8	General commercial (job) printing	97	86	960	64	120	713	63	-	-
35	16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	6	3	96	4	8	56	28	-	-
36	14	Gray-iron and semisteel castings	7	1	285	5	24	251	5	-	-
37	20	Hand stamps, stencils, and brands	4	2	27		1	24	2	-	-
38	4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	3	2	276	3	10	241	22	-	-
39	4	Housefurnishings (except curtains, draperies, and bedspreads)	5		166	9	5	128	24	-	-
40	1	Ice cream and ices	17	8	428	13	37	167	182	3	26
41	1	Ice, manufactured	22	4	391	20	47	274	49	1	-
42	9	Insecticides, fungicides, and related industrial and household chemical compounds	12	6	100	12	16	24	47	-	1
43	15	Jewelry (precious metals)	4	2	69	2	7	60	-	-	-
44	15	Lighting fixtures	5	-	233	14	11	173	28	-	7
45	8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	9	6	180	17	17	122	23	1	-
46	9	Lubricating oils and greases—not made in petroleum refineries	8	2	254	13	30	132	71	2	6
47	8	Machine and hand typesetting (including advertisement typesetting)	10	11	81	6	10	64	1	-	-
48	17	Machine-shop products, not elsewhere classified	11	8	114	7	11	84	12	-	-
49	17	Machine-shop repairs	13	9	68	5	4	56	3	-	-
50	6	Mattresses and bedsprings	12	6	412	5	38	336	33	-	-
51	1	Meat packing, wholesale	13	5	7,053	8	656	5,264	1,049	29	47
52	4	Men's and boys' hats and caps (except felt and straw)	6	8	100	1	[illegible]	89	4	-	-
53	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	3	-	344	9	29	249	57	-	-
54	4	Men's neckwear—made in inside factories or by jobbers engaging contractors	4	2	264	9	6	215	34	-	-
55	4	Millinery	3	4	59	1	3	55	-	-	-
56	13	Mirrors and other glass products made of purchased glass	3	4	31	-	6	21	4	-	-
57	20	Models and patterns (except paper patterns)	3	5	17	-	-	17	-	-	-
58	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	5	3	107	4	9	79	15	-	-
59	8	Newspapers: publishing and printing	16	8	1,830	17	404	934	475	-	-
60	8	Newspapers: publishing without printing	4	5	6	-	6	-	-	-	-
61	1	Nonalcoholic beverages	16	7	393	18	45	124	201	-	5
62	15	Nonferrous-metal foundries (except aluminum)	4	2	62	2	6	51	2	-	1
63	15	Nonferrous-metal products not elsewhere classified	5	3	144	5	27	107	5	-	-
64	9	Paints, varnishes, and lacquers	15	8	687	20	50	401	198	1	17
65	7	Paperboard containers and boxes not elsewhere classified	10	4	823	6	79	684	44	8	2
66	6	Partitions, shelving, cabinet work, and office and store fixtures	11	15	139	[illegible]	7	120	8	-	-

See footnotes at end of table.

INDUSTRIAL AREAS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
KANSAS CITY INDUSTRIAL AREA														
Dollars 73,723,764	*Dollars* 5,210,643	*Dollars* 9,545,651	*Dollars* 47,811,019	*Dollars* 10,513,759	*Dollars* 291,361	*Dollars* 351,331	*Dollars* 335,305,534	*Dollars* 327,592,263	*Dollars* 3,568,778	*Dollars* 2,792,367	*Dollars* 1,352,126	*Dollars* 483,770,597	*Dollars* 148,465,063	
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	2
99,561	18,132	2,184	77,009	2,236	----------	----------	54,820	46,277	915	2,794	4,834	220,415	165,595	3
191,524	29,650	19,895	114,217	27,762	----------	----------	190,539	153,921	1,158	5,396	30,064	494,129	303,590	4
129,770	24,750	26,195	----------	78,825	----------	----------	146,697	4,105	----------	----------	142,592	378,980	232,283	5
3,219,199	84,215	213,909	2,674,252	187,898	23,398	35,527	4,299,540	4,119,441	93,511	86,588	----------	10,113,659	5,814,119	6
32,134	2,763	1,332	27,107	932	----------	----------	57,310	56,284	169	857	----------	108,967	51,657	7
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	8
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	9
314,797	----------	43,711	269,130	----------	----------	1,956	269,477	249,690	6,451	13,336	----------	644,344	374,867	10
283,239	41,851	14,243	157,911	69,234	----------	----------	665,765	654,341	6,173	5,251	----------	1,187,621	521,856	11
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	12
(5)	(5)	(5)	(5)	----------	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	13
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	14
993,196	121,691	96,894	566,153	205,395	----------	3,063	1,914,627	1,897,279	3,323	9,357	4,668	3,555,787	1,641,160	15
171,196	----------	31,600	93,623	45,973	----------	----------	271,833	233,372	8,759	29,702	----------	986,112	714,279	16
359,090	76,800	34,550	199,694	48,046	----------	----------	1,041,976	1,019,421	8,737	13,818	----------	1,742,803	700,827	17
142,268	25,141	13,950	93,207	9,970	----------	----------	315,610	256,871	28,448	27,790	2,501	579,379	263,769	18
89,355	3,210	7,912	78,233	----------	----------	----------	301,699	296,695	3,291	1,713	----------	462,900	161,201	19
365,983	49,672	57,303	169,515	79,760	8,433	1,300	5,359,089	5,321,898	18,709	18,482	----------	6,125,929	766,840	20
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	21
779,481	162,081	114,554	343,494	137,982	4,135	17,235	1,365,156	1,328,670	13,297	15,871	7,318	3,389,491	2,024,335	22
70,579	15,054	9,106	40,965	5,454	----------	----------	49,360	37,623	4,005	7,110	622	174,625	125,265	23
103,425	20,510	11,657	54,624	16,634	----------	----------	32,537	24,370	1,903	3,422	2,842	176,113	143,576	24
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	25
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	26
322,094	64,368	26,991	153,956	76,779	----------	----------	447,137	411,223	1,193	8,380	26,341	1,002,070	554,933	27
564,028	87,176	69,327	302,416	105,109	----------	----------	1,294,797	1,275,926	5,693	13,178	----------	2,125,353	830,556	28
70,782	24,496	13,152	16,874	15,627	----------	633	124,084	121,325	1,220	1,539	----------	256,153	132,069	29
1,841,062	86,780	282,143	1,341,715	109,531	6,047	14,846	28,651,414	28,227,232	21,157	401,551	1,474	34,513,415	5,862,001	30
278,566	56,031	23,390	144,258	51,819	3,068	----------	2,045,304	2,028,030	7,625	9,649	----------	2,623,756	578,452	31
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	32
(5)	----------	(5)	(5)	(5)	----------	----------	(5)	(5)	----------	(5)	(5)	(5)	(5)	33
1,516,179	240,905	187,160	953,188	134,926	----------	----------	1,517,249	1,329,518	9,936	37,017	140,778	4,024,493	2,507,244	34
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	35
345,358	12,382	45,571	277,562	9,843	----------	----------	335,348	255,868	59,386	20,094	----------	1,071,086	735,738	36
34,398	----------	1,144	31,161	2,093	----------	----------	36,344	32,815	250	1,279	2,000	97,248	60,904	37
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	----------	(5)	(5)	(5)	(5)	38
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	39
637,888	73,250	70,427	185,516	264,819	6,825	37,051	1,453,584	1,372,422	24,805	56,357	----------	2,847,771	1,394,187	40
512,748	73,585	90,355	316,667	30,641	1,500	----------	286,460	63,936	15,305	207,219	----------	1,408,471	1,122,011	41
210,121	56,606	24,873	24,977	103,359	----------	306	302,055	298,051	2,189	1,815	----------	702,071	400,016	42
(5)	(5)	(5)	(5)	----------	----------	----------	(5)	(5)	----------	(5)	(5)	(5)	(5)	43
368,750	61,108	26,597	230,575	42,408	----------	8,062	393,791	380,915	2,431	6,230	4,215	931,010	537,219	44
362,032	89,012	27,482	204,377	41,123	38	----------	333,840	238,345	1,480	7,987	86,028	849,993	516,153	45
447,594	102,380	53,259	161,273	120,442	2,575	7,665	1,297,192	1,274,075	9,329	13,788	----------	2,328,829	1,031,637	46
138,716	19,331	11,570	106,605	1,210	----------	----------	35,299	29,783	1,335	3,010	1,171	266,542	231,243	47
207,561	71,018	14,888	90,716	30,939	----------	----------	929,361	924,256	1,215	3,502	388	1,254,068	324,707	48
111,164	13,425	3,144	92,001	2,594	----------	----------	55,821	49,328	1,469	3,144	1,880	219,586	163,765	49
411,844	17,100	61,668	274,320	58,756	----------	----------	1,046,836	1,030,357	3,730	12,749	----------	1,916,935	870,099	50
10,253,327	45,690	1,264,734	6,938,928	1,855,280	46,445	102,250	96,774,154	96,038,193	479,624	256,337	----------	110,346,787	13,572,633	51
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	52
399,721	62,320	43,325	214,573	79,503	----------	----------	533,564	525,486	2,130	5,948	----------	1,040,468	506,904	53
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	54
(5)	(5)	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	55
(5)	----------	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	56
(5)	----------	----------	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	57
153,202	14,430	10,600	112,309	15,863	----------	----------	147,036	134,227	1,346	11,334	129	387,575	240,539	58
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	59
6,318	----------	6,318	----------	----------	----------	----------	28,363	7	13	8	28,335	53,584	25,221	60
618,126	60,099	76,032	136,494	338,769	626	6,106	1,056,691	1,026,861	11,363	18,233	234	2,490,018	1,433,327	61
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	62
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	63
1,114,298	126,508	99,928	539,981	320,600	1,737	25,544	4,710,626	4,662,550	14,859	33,217	----------	6,419,992	1,709,366	64
1,064,229	41,979	143,145	757,611	112,712	5,971	2,811	2,522,996	2,486,576	17,884	16,242	2,294	4,171,500	1,648,504	65
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	66

TABLE 9.—GENERAL STATISTICS FOR

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS ENGAGED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
		KANSAS CITY INDUSTRIAL AREA—Continued									
1	10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	5		33	1	4	24	2	2	
2	9	Perfumes, cosmetics, and other toilet preparations	11	3	261	16	24	80	136		5
3	8	Periodicals: publishing and printing	15	11	550	20	185	292	53		
4	8	Periodicals: publishing without printing	17	2	90	18	58		14		
5	10	Petroleum refining	3		1,502		215	1,257		8	22
6	8	Photoengraving, not done in printing establishments (including preparation of plates)	7	2	118	22	13	69	14		
7	5	Planing mills not operated in conjunction with sawmills	12	10	315	12	9	228	65		1
8	1	Poultry dressing and packing, wholesale	15	16	73	1	4	48	20		
9	14	Power boilers and associated products	7	5	1,305	15	185	949	156		
10	1	Prepared feeds (including mineral) for animals and fowls	20	9	597	30	80	323	158	2	4
11	9	Printing ink	4	2	45	3	3	26	12		1
12	17	Printing-trades machinery and equipment	3	1	15	1	1	10	3		
13	17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	3	1	224	6	28	159	29		2
14	10	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	4		174	3	20	131	16	4	
15	11	Rubber products not elsewhere classified	4	3	206	4	13	173	14	2	
16	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	12	7	287	9	16	171	90	1	
17	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	3		198	8	14	152	24		
18	15	Sheet-metal work not specifically classified	12	4	175	13	14	120	26		2
19	20	Signs, advertising displays, and advertising novelties	13	11	107	6	3	88	10		
20	9	Soap and glycerin	4		1,215	2	228	839	123	23	
21	20	Sporting and athletic goods not elsewhere classified	3	5	51		3	48			
22	14	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	4	2	21	5	2	14			
23	14	Stamped and pressed metal products (except automobile stampings)	4	2	95	5	12	78			
24	14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	5	1	319	8	24	254	33		
25	12	Suitcases, brief cases, bags, trunks, and other luggage	4	2	303	5	16	254	28		
26	20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	9	6	82	4	15	43	20		
27	4	Textile bags—not made in textile mills	7	2	551	3	66	463	19		
28	14	Tin cans and other tinware not elsewhere classified	3		446	2	70	362	9	3	
29	4	Trousers (semidress), wash suits, and washable service apparel	3	4	87	2	4	76	5		
30	6	Upholstered household furniture	8	10	223	3	21	184	15		
31	17	Vending, amusement, and other coin-operated machines	4	1	104	1	3	96	4		
32	13	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	3		19	4	2	8	5		
33	6	Window shades	4	3	33	3	5	16	9		
34	14	Wirework not elsewhere classified	6	9	70	2	2	62	4		
35	4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	9	1	1,989	20	119	1,735	114	1	
36	6	Wooden boxes except cigar boxes	3	1	155		11	139	3	2	
37	6	Wood preserving	3		110	1	11	98			
38	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	8	3	1,642	15	72	1,345	210		
39		Other industries [5]	342	198	20,885	304	2,167	16,005	2,279	81	49
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]									
40	1	Food and kindred products	36	9	2,398	31	195	1,756	355	31	30
41	4	Apparel and other finished products made from fabrics and similar materials	44	37	1,820	40	81	1,489	207	1	2
42	6	Furniture and finished lumber products	40	41	841	22	72	691	53	2	1
43	7	Paper and allied products	6	1	410	4	58	306	30	12	
44	8	Printing, publishing, and allied industries	21	10	2,672	28	524	1,544	572	4	
45	9	Chemicals and allied products	30	7	1,676	26	270	1,058	293	23	6
46	12	Leather and leather products	8	5	328	6	18	276	28		
47	13	Stone, clay, and glass products	11	7	404	7	41	320	36		
48	14	Iron and steel and their products, except machinery	31	17	3,989	47	231	3,525	180	6	
49	15	Nonferrous metals and their products	20	13	341	13	47	262	17		2
50	16	Electrical machinery	16	5	506	14	83	361	48		
51	17	Machinery (except electrical)	26	5	963	38	127	638	152		8
52	20	Miscellaneous industries	29	27	372	16	41	268	47		
53	11	Rubber products	4	3	206	4	13	173	14	2	
	18	Automobiles and automobile equipment	13	9	3,705	3	330	3,149	223		
	19	Transportation equipment except automobiles	3	1	177	3	26	129	19		
	2	Tobacco manufactures	1								
	3	Textile-mill products and other fiber manufactures	2	1	77	2	10	60	5		
	10	Products of petroleum and coal	1								

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.
[2] Figures do not include data for personnel of central-administrative offices.
[3] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

INDUSTRIAL AREAS, BY INDUSTRIES: 1939—Continued

Salaries and wages: Total [2]	Salaries of officers of corporations [2]	Manufacturing: Salaries [2]	Manufacturing: Wages	Distribution	Construction	Other	Cost of materials, supplies, fuel, purchased electric energy, and contract work: Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
KANSAS CITY INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
32,229	1,800	7,287	18,551	3,371	1,220	----	95,793	86,737	6,015	3,041	----	225,818	130,025	1
(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	2
940,879	90,857	271,289	443,291	135,442	----	----	561,102	464,752	7,516	15,630	73,204	2,767,859	2,206,757	3
164,868	65,648	75,789	----	23,431	----	----	211,900	40,243	----	----	171,657	549,627	337,727	4
2,725,858	----	424,216	2,281,732	----	12,986	6,924	25,393,061	24,398,963	879,491	114,607	----	30,704,209	5,311,148	5
263,073	71,134	22,540	141,135	28,264	----	----	61,598	48,417	467	4,918	7,796	430,334	368,736	6
418,940	37,110	16,086	271,867	93,643	----	234	505,925	486,173	6,803	12,849	100	1,158,461	652,536	7
64,288	6,000	4,805	33,650	19,833	----	----	586,284	580,450	2,820	3,014	----	677,986	91,702	8
2,115,297	183,602	356,330	1,308,437	266,928	----	----	3,741,546	3,602,313	12,360	52,673	74,200	7,089,144	3,347,598	9
882,753	142,948	140,034	366,560	223,528	3,083	6,600	6,491,279	6,378,635	30,441	82,203	----	9,061,675	2,570,396	10
116,064	25,412	9,880	33,725	45,655	----	1,392	214,143	207,533	1,571	5,039	----	436,882	222,739	11
33,884	6,500	1,448	14,643	11,293	----	----	31,188	29,075	1,434	679	----	103,383	72,195	12
(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	13
190,766	5,300	25,942	140,826	14,354	4,344	----	939,209	904,569	22,714	11,926	----	1,695,487	756,278	14
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	15
399,138	34,446	32,196	197,965	132,900	1,631	----	1,782,373	1,748,138	11,482	22,753	----	2,275,085	492,712	16
331,381	31,222	31,739	241,829	26,591	----	----	341,801	321,107	10,110	10,447	137	808,830	467,029	17
270,505	49,083	21,484	158,680	39,618	----	1,640	380,924	372,559	2,371	5,994	----	864,597	483,673	18
150,528	29,094	2,763	108,555	10,116	----	----	179,190	170,426	1,889	3,402	3,473	480,871	301,681	19
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	20
(5)	----	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	21
(5)	(5)	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	22
(5)	(5)	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	23
380,434	39,659	46,808	244,643	49,324	----	----	382,013	356,495	16,573	8,945	----	909,584	527,571	24
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	25
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	26
593,628	30,800	89,172	400,610	73,046	----	----	4,848,580	4,831,427	7,041	8,537	1,575	5,880,050	1,031,470	27
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	28
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	29
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	30
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	31
23,521	5,364	3,544	7,976	6,637	----	----	30,026	27,355	381	2,290	----	52,635	22,609	32
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	33
66,663	6,279	1,719	51,035	7,630	----	----	107,307	104,374	502	1,677	754	229,960	122,653	34
2,299,291	145,666	264,636	1,725,181	161,208	2,600	----	3,325,254	3,303,206	1,781	20,267	----	6,340,032	3,014,778	35
(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	36
(5)	(5)	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	37
1,739,696	123,773	108,329	1,229,411	278,183	----	----	2,793,583	2,722,956	3,579	17,048	50,000	5,243,957	2,450,374	38
30,185,177	1,903,447	4,211,397	19,823,530	4,021,918	154,699	70,186	119,606,074	116,488,797	1,645,621	993,134	478,522	192,094,103	72,488,029	39
3,362,580	165,830	410,447	2,099,885	581,512	51,562	53,344	9,919,285	9,556,775	291,644	70,866	----	19,239,944	9,320,659	40
1,650,780	184,524	105,163	1,033,495	325,120	943	1,535	3,482,259	3,381,239	10,387	30,442	60,191	6,115,027	2,632,768	41
873,077	48,445	83,040	667,398	71,255	2,562	377	2,818,597	2,765,531	20,310	24,695	8,061	4,559,591	1,740,994	42
593,619	51,825	88,198	371,976	63,327	18,293	----	1,800,649	1,726,748	52,416	21,485	----	3,166,001	1,365,352	43
4,184,633	281,937	981,823	2,154,801	757,572	8,500	----	3,826,232	3,428,019	35,851	47,421	314,941	12,923,046	9,096,814	44
2,760,545	104,819	502,334	1,422,605	666,405	59,030	5,352	14,110,989	13,823,843	249,979	37,167	----	25,081,082	10,970,093	45
331,597	40,800	23,286	234,836	32,675	----	----	562,544	553,083	2,949	6,512	----	1,029,916	467,372	46
600,180	31,797	92,364	399,551	76,468	----	----	817,497	456,680	169,107	191,710	----	2,212,502	1,395,005	47
5,876,106	348,395	604,608	4,485,545	427,189	10,369	----	9,923,111	8,868,514	645,707	392,583	16,307	22,003,249	12,080,138	48
519,075	105,460	87,574	280,087	43,933	----	2,021	1,127,692	1,082,324	15,873	14,323	15,172	2,083,066	955,374	49
710,318	117,398	115,476	387,775	89,669	----	----	1,671,099	1,629,283	5,143	32,959	3,714	3,168,377	1,497,278	50
1,612,879	297,050	220,543	719,686	368,043	----	7,557	1,942,233	1,850,198	18,523	21,188	52,324	4,819,440	2,877,207	51
427,376	54,056	45,334	270,438	57,548	----	----	470,851	455,520	3,553	11,586	192	1,222,051	751,200	52
6,682,412	71,111	851,207	5,295,452	461,202	3,440	----	67,133,036	66,911,040	124,179	90,197	7,620	84,470,811	17,337,775	53

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[6] For numbers of establishments and of wage earners in individual industries, see table 12.

[a] and [b] To avoid disclosing exact or approximate data for individual establishments, the data for certain establishments located outside the St. Louis industrial area have been included in the figures for the industries to which these footnotes are indexed. Data for these establishments are not, however, included in the totals for the area.
[a] 1 establishment. [b] 2 establishments.

TABLE 10.—GENERAL STATISTICS FOR ST. LOUIS CITY, BY INDUSTRIES, AND PERSONNEL STATISTICS FOR KANSAS CITY: 1939

[The independent city of St. Louis is not included in any county. This table presents, for the city of St. Louis, separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures are given, however, reported larger numbers of wage earners or larger values of products than some of those shown separately. No data for nonmanufacturing personnel, except salaried officers of corporations, are included in this table]

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
	KANSAS CITY											
	All industries, total	805	470	759	3,078	24,787	(4)	(4)	(4)	(4)	(4)	(4)
	ST. LOUIS											
	All industries, total	2,241	1,061	2,472	10,532	89,533	$13,803,463	$20,079,945	$104,020,548	$398,357,607	$716,683,597	$318,325,990
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	3		2	19	126	(5)	(5)	(5)	(5)	(5)	(5)
13	Asbestos products (except steam packing and pipe and boiler covering)	3		3	21	324	(5)	(5)	(5)	(5)	(5)	(5)
20	Beauty-shop and barber-shop equipment	4	1	7	19	63	(5)	(5)	(5)	(5)	(5)	(5)
4	Belts (apparel), regardless of material	3	1	1	6	24	7,500	6,358	15,891	88,726	146,399	57,673
1	Biscuit, crackers, and pretzels	6	1	4	59	821	10,500	113,214	625,357	1,925,375	4,845,234	2,919,859
8	Bookbinding and related industries	30	20	24	28	362	76,454	50,866	322,153	308,388	1,190,024	881,636
8	Books: printing without publishing [6]	14	9	12	20	141	51,183	35,290	229,207	338,622	830,043	491,421
8	Books: publishing without printing [6]	7	1	4	108		18,000	164,053		363,501	1,010,712	647,211
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	265	244	48	180	3,186	231,578	412,023	4,683,142	9,485,333	19,390,602	9,905,269
13	Brick and hollow structural tile	6		2	9	101	2,880	14,986	83,419	84,635	266,608	181,973
1	Candy and other confectionery products [6]	16	10	12	99	958	43,112	160,950	779,207	3,008,366	5,069,653	2,061,287
19	Cars and car equipment—railroad, street, and rapid-transit	6		6	296	1,666	(5)	(5)	(5)	(5)	(5)	(5)
6	Caskets, coffins, burial cases, and other morticians' goods [6]	17	6	23	23	295	141,847	44,108	307,658	773,092	1,976,359	1,203,267
20	Children's vehicles	3		6	31	254	(5)	(5)	(5)	(5)	(5)	(5)
4	Clothing, leather and sheep-lined	4	4	3	20	276	(5)	(5)	(5)	(5)	(5)	(5)
4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	19	14	18	28	474	58,289	57,764	583,432	1,288,863	2,495,361	1,206,498
13	Concrete products	12	2	11	10	222	44,387	25,216	224,127	971,841	1,458,001	486,160
7	Converted paper products not elsewhere classified	3	6		11	224		(5)	(5)	(5)	(5)	(5)
1	Creamery butter	8		4	48	167	(5)	(5)	(5)	(5)	(5)	(5)
15	Electroplating, plating, and polishing [6]	14	12	7	10	156	24,787	16,460	176,726	111,533	497,755	386,222
8	Electrotyping and stereotyping, not done in printing establishments	6	3	4	15	99	20,600	29,424	171,104	55,594	383,929	328,335
17	Elevators, escalators, and conveyors [6]	6	3	12	26	112	56,682	24,071	103,059	265,622	660,904	395,282
14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	4	1	8	30	181	(5)	(5)	(5)	(5)	(5)	(5)
8	Engraving (steel, copperplate, and wood; plate printing	11	8	10	9	66	(5)	(5)	(5)	(5)	(5)	(5)
7	Envelopes	4		9	24	340	54,356	54,334	384,134	900,858	1,882,406	981,548
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	21	5	43	60	383	(5)	(5)	(5)	(5)	(5)	(5)
20	Feathers, plumes, and artificial flowers	3		6	2	31	11,737	1,473	19,751	50,238	98,763	48,525
1	Flavoring extracts and flavoring sirups, not elsewhere classified [6]	20	11	17	39	179	170,626	87,315	213,635	3,594,456	9,313,601	5,719,145
1	Flour and other grain-mill products	4		10	21	163	(5)	(5)	(5)	(5)	(5)	(5)
1	Food preparations, not elsewhere classified [6]	20	16	8	26	243	24,536	38,938	134,555	2,250,306	2,993,740	743,434
17	Food-products machinery	7		14	44	205	56,876	84,975	250,400	563,830	1,194,778	630,948
12	Footwear (except rubber)	22		37	436	7,683	317,993	804,901	6,726,142	9,261,524	21,159,692	11,898,168
8	General commercial (job) printing	178	116	155	354	2,433	581,759	687,202	3,177,138	5,064,000	12,709,845	7,645,845
14	Gray-iron and semisteel castings	11		18	80	1,025	132,144	175,506	1,205,551	1,510,876	3,882,072	2,371,196
9	Grease and tallow (except lubricating greases)	3	3	2	5	22	(5)	(5)	(5)	(5)	(5)	(5)
20	Hand stamps, stencils, and brands	5	3	3	1	43	11,580	3,400	43,774	48,177	192,307	144,130
6	Household furniture, except upholstered	9	2	11	37	262	31,767	40,546	212,995	390,953	888,755	497,802
1	Ice cream and ices [6]	22	10	23	26	149	85,613	40,932	180,963	1,654,067	3,288,438	1,634,371
1	Ice, manufactured [6]	24	1	12	25	166	40,807	48,288	227,825	313,619	1,962,262	1,648,643
12	Industrial leather belting and packing leather [6]	5	1	10	9	27	36,417	12,411	33,024	161,798	335,088	173,290
17	Industrial machinery, not elsewhere classified	9	2	16	22	198	112,321	45,568	227,597	499,116	1,413,717	914,601
15	Jewelry (precious metals)	11	17	8	22	95	26,866	29,843	127,642	277,609	683,410	405,801
6	Laboratory, hospital, and other professional furniture	4		8	16	232	52,625	30,733	271,146	467,115	1,018,152	551,037
6	Lasts and related products	5	3	5	28	181	29,205	58,856	224,613	270,234	828,268	558,034
12	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	4		6	21	170	26,600	33,958	160,840	810,851	1,476,165	665,314

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR ST. LOUIS CITY, BY INDUSTRIES, AND PERSONNEL STATISTICS FOR KANSAS CITY: 1939—Continued

[The independent city of St. Louis is not included in any county. This table presents, for the city of St. Louis, separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures are given, however, reported larger numbers of wage earners or larger values of products than some of those shown separately. No data for nonmanufacturing personnel, except salaried officers of corporations, are included in this table]

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
		ST. LOUIS—Continued										
15	Lighting fixtures	7	-------	18	56	315	$110,441	$117,549	$303,593	$676,677	$1,838,618	$1,161,941
8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers) [b]	31	5	63	155	695	304,041	260,160	927,400	1,666,103	4,694,135	3,028,032
8	Machine and hand typesetting (including advertisement typesetting)	18	14	17	21	152	67,435	32,381	261,667	72,001	577,045	505,044
17	Machine-shop products, not elsewhere classified	26	7	44	117	1,076	(5)	(5)	(5)	(5)	(5)	(5)
17	Machine-shop repairs	17	15	2	4	122	6,000	5,295	179,401	164,988	523,734	358,746
1	Malt liquors	9	1	26	286	3,237	(5)	(5)	(5)	(5)	(5)	(5)
6	Mattresses and bedsprings	10	5	15	28	431	95,180	49,220	465,683	1,184,040	2,266,905	1,082,865
1	Meat packing, wholesale	28	15	44	521	2,605	251,204	984,594	3,911,482	51,660,087	61,116,113	9,456,026
4	Men's and boys' hats and caps (except felt and straw)	15	19	14	20	378	39,166	28,788	287,370	586,482	1,065,783	479,301
4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	6	-------	7	83	1,199	48,305	114,287	815,473	1,867,582	3,329,504	1,461,922
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	10	7	8	6	349	17,163	8,007	276,057	91,826	495,238	403,412
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	11	1	21	101	1,571	131,446	254,496	1,682,536	5,057,418	9,355,820	4,298,402
4	Men's neckwear—made in inside factories or by jobbers engaging contractors	7	1	11	23	327	65,989	28,836	254,961	765,462	1,412,393	646,931
4	Millinery	28	17	34	60	782	95,239	92,283	733,764	1,397,419	3,005,658	1,608,239
13	Mirrors and other glass products made of purchased glass	13	9	13	17	128	33,514	24,419	162,851	464,254	834,904	370,650
20	Miscellaneous fabricated products not elsewhere classified	8	3	10	13	143	42,948	16,686	106,228	345,123	687,601	342,478
20	Models and patterns (except paper patterns) [b]	20	8	23	14	206	83,632	25,631	315,302	90,044	740,836	650,792
13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	13	6	14	10	81	29,051	14,359	78,241	112,365	372,547	260,182
8	Newspapers: publishing and printing	7	-------	15	512	1,179	345,836	1,297,578	2,669,688	3,539,065	13,689,445	10,150,380
8	Newspapers: publishing without printing	6	5	2	28	-------	19,806	27,737	-------	175,073	300,984	125,911
1	Nonalcoholic beverages	30	8	42	64	250	213,468	108,730	311,653	2,333,502	6,033,749	3,700,247
15	Nonferrous-metal products not elsewhere classified	4	3	5	4	66	(5)	(5)	(5)	(5)	(5)	(5)
9	Paints, varnishes, and lacquers	28	9	49	108	437	(5)	(5)	(5)	(5)	(5)	(5)
7	Paper bags, except those made in paper mills	4	-------	6	11	189	(5)	(5)	(5)	(5)	(5)	(5)
6	Partitions, shelving, cabinet work, and office and store fixtures [a]	17	4	36	143	1,068	264,974	257,785	1,280,345	2,084,144	4,741,771	2,657,627
10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	3	-------	4	17	56	(5)	(5)	(5)	(5)	(5)	(5)
9	Perfumes, cosmetics, and other toilet preparations	19	6	20	33	373	86,590	42,393	238,683	1,125,239	2,198,701	1,073,462
8	Periodicals: publishing and printing	12	1	11	130	319	(5)	(5)	(5)	(5)	(5)	(5)
8	Periodicals: publishing without printing	39	4	40	176	8	199,370	286,798	19,486	1,228,128	2,773,799	1,545,671
8	Photoengraving, not done in printing establishments (including preparation of plates) [a]	16	2	32	44	199	120,552	45,350	464,083	132,487	1,064,136	931,649
20	Photographic apparatus and materials and projection equipment (except lenses)	3	-------	4	16	67	(5)	(5)	(5)	(5)	(5)	(5)
1	Pickled fruits and vegetables and vegetable sauces and seasonings	9	8	12	5	136	41,942	7,414	110,599	460,546	776,429	315,883
5	Planing mills not operated in conjunction with sawmills	26	4	48	44	681	150,104	69,993	750,196	1,477,196	3,062,142	1,584,946
1	Poultry dressing and packing, wholesale [b]	14	13	2	12	176	7,440	17,859	85,474	1,646,930	2,126,080	479,150
1	Prepared feeds (including mineral) for animals and fowls [a]	7	1	8	10	207	23,040	31,541	281,049	4,737,469	8,405,284	3,667,815
9	Printing ink	6	1	8	6	46	50,613	14,507	56,098	339,778	733,089	393,311
17	Printing-trades machinery and equipment	6	1	7	4	30	13,228	5,436	38,458	41,989	171,282	129,293
17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	11	4	11	82	557	76,652	161,793	673,721	2,662,218	4,657,074	1,994,856
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	13	13	4	3	41	8,600	4,485	52,069	667,525	879,535	212,010
15	Sheet-metal work not specifically classified	24	5	38	54	413	(5)	(5)	(5)	(5)	(5)	(5)

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR ST. LOUIS CITY, BY INDUSTRIES, AND PERSONNEL STATISTICS FOR KANSAS CITY: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
	ST. LOUIS—Continued											
20	Signs, advertising displays, and advertising novelties [a]	33	16	38	61	486	$161,675	$111,675	$550,285	$1,095,030	$2,626,952	$1,531,922
9	Soap and glycerin	7	2	12	99	294	(5)	(5)	(5)	(5)	(5)	(5)
17	Special-industry machinery, not elsewhere classified	6	2	13	57	310	97,518	110,423	368,490	515,910	1,751,097	1,235,187
20	Sporting and athletic goods not elsewhere classified	8	4	11	33	392	(5)	(5)	(5)	(5)	(5)	(5)
14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	10	2	25	168	1,274	238,328	266,504	1,552,936	3,556,377	9,620,354	6,063,977
12	Suitcases, brief cases, bags, trunks, and other luggage	11	6	7	15	385	(5)	(5)	(5)	(5)	(5)	(5)
4	Textile bags not made in textile mills	7	3	4	57	857	18,600	116,940	765,249	7,479,194	9,202,942	1,723,748
14	Tools (except edge tools, machine tools, files, and saws)	4	1	9	18	140	72,230	32,566	136,019	497,319	870,655	373,336
4	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories	3	2	3	3	24	3,120	3,591	14,494	13,699	57,525	43,826
6	Upholstered household furniture	10	2	9	28	309	34,920	29,468	364,211	857,246	1,533,375	676,129
13	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition [a]	5	2	4	2	22	7,096	3,459	20,524	86,308	148,294	61,986
6	Window and door screens and weather strip	8	5	4	2	38	(5)	(5)	(5)	(5)	(5)	(5)
14	Wirework not elsewhere classified	12	7	15	68	636	133,067	124,032	815,820	2,754,413	5,838,094	3,083,681
4	Women's and misses' dresses (except house dresses)—made in contract factories	11	17	.....	12	481	.....	16,852	381,569	95,097	614,856	519,759
4	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	5	1	2	31	473	24,800	53,323	269,895	997,616	1,473,795	476,179
4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	6	2	8	17	455	91,168	38,836	388,672	1,742,644	2,830,546	1,087,902
	Other industries [6]	903	316	1,205	5,928	49,175	7,334,168	11,350,755	58,651,837	243,111,086	431,754,320	188,643,234
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]											
1	Food and kindred products	53	10	73	422	4,413	675,630	784,502	7,618,480	31,573,848	60,506,679	28,932,831
3	Textile-mill products and other fiber manufactures	20	4	32	145	1,688	266,370	279,864	1,426,595	3,914,228	8,227,999	4,313,771
4	Apparel and other finished products made from fabrics and similar materials	142	93	126	335	5,068	690,780	486,391	4,266,192	11,602,743	20,473,604	8,870,861
5	Lumber and timber basic products	3	..	8	13	306	38,602	15,523	307,867	220,968	706,183	485,215
6	Furniture and finished lumber products	37	31	32	86	893	108,148	131,449	819,730	2,515,379	4,277,427	1,762,048
7	Paper and allied products	50	12	78	251	2,985	530,815	455,508	3,001,134	10,783,798	18,828,799	8,045,001
8	Printing, publishing, and allied industries	25	10	21	141	397	64,166	211,193	586,739	550,336	2,000,509	1,450,173
9	Chemicals and allied products	148	40	100	879	3,596	1,146,076	1,921,078	4,584,248	26,968,167	61,669,792	34,701,625
13	Stone, clay, and glass products	23	8	31	145	1,345	99,989	260,146	1,430,457	1,960,770	5,338,360	3,377,590
14	Iron and steel and their products, except machinery	95	27	171	648	6,069	1,072,230	1,249,444	7,119,020	13,757,726	29,575,841	15,818,115
15	Nonferrous metals and their products	44	14	68	188	1,478	384,686	415,960	1,825,559	10,318,643	16,241,757	5,923,114
16	Electrical machinery	39	4	91	712	4,777	777,638	1,234,035	5,305,038	13,785,993	33,110,501	19,324,508
17	Machinery (except electrical)	69	19	106	454	2,912	607,773	823,148	3,963,587	7,484,680	19,628,532	12,143,852
20	Miscellaneous industries	61	19	80	192	1,478	370,080	292,788	1,503,085	2,764,252	6,955,585	4,191,333
2	Tobacco manufactures	12	6	15	126	1,536						
10	Products of petroleum and coal	6		8	36	296						
11	Rubber products	10	2	15	27	335						
12	Leather and leather products	42	14	31	240	3,898	501,185	2,789,726	14,894,106	104,909,555	144,212,752	39,303,197
18	Automobiles and automobile equipment	15	3	19	563	3,869						
19	Transportation equipment except automobiles	9		10	325	1,836						

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the total shown for "All industries."

[1] Figures do not include data for personnel of central-administrative offices.

[2] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

[4] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments.

[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.

[6] For numbers of establishments and of wage earners in individual industries, see table 12.

[a] and [b] To avoid disclosing exact or approximate data for individual establishments, the data for certain establishments located outside St. Louis have been included in the figures for the industries to which these footnotes are indexed. Data for these establishments are not, however, included in the totals for the city.

[a] 1 establishment. [b] 2 establishments.

TABLE 11.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939

COUNTY	Total	INDUSTRY GROUP																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
The State	4,796	1,458	18	29	408	162	221	80	849	289	23	16	137	182	238	130	61	240	31	20	204
Adair	16	9				1			5				1								
Andrew	1								1												
Atchison	6	3							3												
Audrain	23	7			2				6				1	6	1						
Barry	18	12	1				2		3												
Barton	9	5							1		1				1						1
Bates	8	4							4												
Benton	4					1	1		2												
Bollinger	3	3																			
Boone	29	14				1			10				1	1			1	1			
Buchanan	114	46		1	8	3	4	5	15	8			2	6	4	2	1	5	1	2	1
Butler	19	6				4	5		2				1					1			
Caldwell	3	1							2												
Callaway	9	3				1			2				1	1				1			
Camden	3	2							1												
Cape Girardeau	40	18	1			5	2		6		1		2	2			1	1			1
Carroll	4	2							2												
Carter	6					5	1														
Cass	13	4			1				3					1	2			2			
Cedar	4	3							1												
Chariton	8	5							3												
Christian	5	4							1												
Clark	3	1							2												
Clay	63	13			2	1	4	5	6	13	1	3		2	6	2	2	2		1	
Clinton	8	2			1				3	1											1
Cole	26	12			1		1		6				3	1				1			1
Cooper	10	6							1				1					1			1
Crawford	7	3			1	1				1					1						
Dade	2	1							1												
Dallas	3	2							1												
Daviess	3	2							1												
De Kalb	2	1							1												
Dent	14	6			1	5			2												
Douglas	3	1				1			1												
Dunklin	14	8			2	2			2												
Franklin	42	17		1	1	1	1		5				8	1	1			2	1		3
Gasconade	14	6							3				3	1							1
Gentry	9	5							4												
Greene	115	56			4	5	9	1	14	1	1		1	6	5		1	6	2		3
Grundy	12	9							3												
Harrison	7	3							3						1						
Henry	15	7					1		4				1	1							1
Hickory	1	1																			
Holt	5	3							2												
Howard	8	4				1			2					1							
Howell	16	9			1				4	2											
Iron	8	1				2	2						1	2							
Jackson	851	191	1	2	76	11	52	14	176	69	9	1	8	24	52	40	13	50	10	3	49
Jasper	120	44	3		4	5	7		14	5	2		4	6	8	2		13	1		2
Jefferson	22	9			2				6				2	2		1					
Johnson	15	9			3				2									1			
Knox	2								1					1							
Laclede	16	8			1	4			2									1			
Lafayette	24	13		1	1				5				1	1				1			1
Lawrence	20	11				1	1		3				1	1	1						1
Lewis	9	3							1					1	1			1			2
Lincoln	11	6		1	1				2					1							
Linn	12	7							4				1								
Livingston	16	9			1	1			1					2	1			1			
Macon	7	5							2												
Madison	8	1				2			2				1								
Maries	2								1				1								
Marion	30	12				2			6	1		2	2	2	3						
McDonald	6	5							1												
Mercer	1								1												
Miller	8	5			1				2												
Mississippi	13	6				3	1		2				1								
Moniteau	7	2		1	2				1				1								
Monroe	9	5							3									1			
Montgomery	6	3							1					2							
Morgan	5	3					1		1												
New Madrid	13	3				6	1		2	1											
Newton	19	10			1		1		4					2	1						
Nodaway	14	7							3				1		2			1			
Oregon	3	2							1												
Osage	6	5											1								
Ozark	1					1															
Pemiscot	12	3				3			3				1					2			
Perry	12	8				1			2				1								
Pettis	24	15			1		1		5	1											1
Phelps	7	2			1				3				1								
Pike	12	3			3		2		3												1
Platte	7	4							2												1
Polk	7	5							2												
Pulaski	3	2													1						

TABLE 11.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939—Continued

COUNTY	Total	INDUSTRY GROUP 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Putnam	1								1												
Ralls	3	1							1					1							
Randolph	19	13		1					1				1		1	1		1			
Ray	8	5			1				2												
Reynolds	3	1				2															
Ripley	2	1							1												
St. Charles	20	11			1	1			2				1		2			1		1	
St. Clair	3	3																			
St. Francois	27	12			3	3			6				1	1	1						
St. Louis	161	43				11	9	1	19	9	2		2	28	9	4	3	12	1	3	5
St. Louis city	2,241	516	12	20	273	29	107	54	371	173	6	10	72	71	132	75	39	130	15	9	127
Ste. Genevieve	11	3			1	1			2					3	1						
Saline	21	12			1				4				2			1				1	
Schuyler	2	1							1												
Scotland	3	2							1												
Scott	22	9			3	2			3	2			2					1			
Shannon	15	1				14															
Shelby	6	3							3												
Stoddard	12	7			1		2		2												
Stone	18	17							1												
Sullivan	7	6							1												
Taney	2	1				1															
Texas	10	4				4			2												
Vernon	14	8							3	1				1		1					
Warren	7	2		1	1	1			1							1					
Washington	13	4				5	1		1	1			1								
Wayne	8	2				2	2		2												
Webster	11	6				4			1												
Worth	1								1												
Wright	10	6				2			2												

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE KANSAS CITY AND ST. LOUIS INDUSTRIAL AREAS, AND FOR ST. LOUIS: 1939

[In order to avoid disclosing data for individual establishments, wage-earner figures for industries represented by fewer than three establishments are withheld]

Group No.[1]	TITLE	Number of establishments	Wage earners
	STATE OF MISSOURI		
1	Baking powder, yeast, and other leavening compounds	1	
	Blended and prepared flour made from purchased flour	2	
	Cereal preparations	5	629
	Chewing gum	1	
	Condensed and evaporated milk	8	184
	Cooking and other edible fats and oils, not elsewhere classified	1	
	Corn sirup, corn sugar, corn oil, and starch	3	492
	Cured fish	1	
	Liquors, distilled	2	
	Malt	1	
	Oleomargarine—not made in meat-packing establishments	1	
	Rice cleaning and polishing	1	
	Sausage casings—not made in meat-packing establishments	1	
	Special dairy products	2	
	Vinegar and cider	6	34
	Wines	2	
2	Tobacco (chewing and smoking) and snuff	7	1,508
	Batting, padding, and wadding; upholstery filling	2	
	Cloth sponging and miscellaneous special finishing	3	60
	Cordage and twine	1	
	Cotton broad woven goods	1	
	Cotton narrow fabrics	1	
	Dyeing and finishing cotton, rayon, silk, and linen textiles	1	
	Hosiery—full-fashioned	1	
	Hosiery—seamless	1	
	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	1	
	Knitted underwear	2	
	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	2	
	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	2	
4	Clothing, leather and sheep-lined	4	276
	Coats, suits, and skirts (except fur coats)—made in contract factories	1	
	Corsets and allied garments	1	
	Curtains, draperies, and bedspreads—contract factories	1	
	Dress and semidress gloves and mittens: cloth, cloth and leather combined	1	
	Embroideries, other than Schiffli-machine products made in regular factories or by jobbers engaging contractors	2	
	Embroideries: Schiffli-machine products	2	
	House dresses, uniforms, and aprons—made in contract factories	2	
	Women's and misses' clothing, not elsewhere classified made in contract factories	1	
	STATE OF MISSOURI—Continued		
4	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics	1	
	Work gloves and mittens: cloth, cloth and leather combined	4	834
	Work shirts	2	
5	Plywood mills	2	
6	Baskets for fruits and vegetables	2	
	Cigar boxes: wooden, part wooden	1	
	Excelsior	1	
	Matches	2	
	Mirror frames and picture frames	2	
	Public-building furniture	1	
7	Die-cut paper and paperboard, and converted cardboard	3	78
	Fiber cans, tubes, and similar products	4	285
	Paper and paperboard mills	2	
	Paper bags, except those made in paper mills	4	189
	Pulp mills	1	
8	Books: publishing and printing	3	
	Gravure, rotogravure, and rotary photogravure (including preparation of plates)	1	
	Greeting cards (except hand-painted)	1	
9	Candles	1	
	Chemicals not elsewhere classified	11	1,213
	Coal-tar products, crude and intermediate	1	
	Colors and pigments	5	802
	Cottonseed oil, cake, meal, and linters	2	
	Fireworks	1	
	Grease and tallow (except lubricating greases)	6	35
	Hardwood distillation and charcoal manufacture	2	
	Linseed oil, cake, and meal	1	
	Mucilage, paste, and other adhesives, except glue and rubber cement	4	13
	Soap and glycerin	10	302
	Soybean oil, cake, and meal	1	
	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	2	
	Writing ink	1	
10	Fuel briquets	1	
	Oven coke and coke-oven byproducts	1	
	Petroleum refining	1	
11	Rubber boots and shoes (including rubber-soled footwear with fabric uppers)	1	
	Tires and inner tubes	1	
12	Women's pocketbooks, handbags, and purses	1	

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE KANSAS CITY AND ST. LOUIS INDUSTRIAL AREAS, AND FOR ST. LOUIS: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	STATE OF MISSOURI—Continued		
13	Abrasive wheels, stones, paper, cloth, and related products	1	
	Asbestos products (except steam packing and pipe and boiler covering)	6	549
	Flat glass	2	
	Mineral wool	4	133
	Pottery products not elsewhere classified	2	
	Sand-lime brick, block and tile	1	
	Steam and other packing; pipe and boiler covering	2	
	Terra cotta	1	
14	Automobile stampings	1	
	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	1	
	Cast-iron pipe and fittings	1	
	Forgings, iron and steel—made in plants not operated in connection with rolling mills	1	
	Hardware not elsewhere classified	5	464
	Heating and cooking apparatus, except electric, not elsewhere classified	1	
	Malleable-iron castings	1	
	Oil burners, domestic and industrial	3	16
	Saws	1	
	Steel barrels, kegs, and drums	5	320
	Steel works and rolling mills	3	3,093
	Wire drawn from purchased rods	1	
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	6	158
	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	5	246
	Primary smelting and refining of nonferrous metals	1	
	Secondary smelting and refining, gold, silver, and platinum	2	
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	2	
	Tin and other foils (except gold and silver foil)	1	
16	Automotive electrical equipment	3	95
	Batteries, storage and primary (dry and wet)	6	127
	Communication equipment	2	
	Electric lamps	2	
	Radios, radio tubes, and phonographs	2	
17	Agricultural machinery (except tractors)	8	118
	Blowers; exhaust and ventilating fans	1	
	Cars and trucks, industrial	1	
	Construction and similar machinery (except mining and oil-field machinery and tools)	2	
	Laundry equipment, domestic	1	
	Machine tools	2	
	Measuring and dispensing pumps	1	
	Mechanical power-transmission equipment	4	219
	Metalworking machinery and equipment, not elsewhere classified	6	116
	Oil-field machinery and tools	3	84
	Paper-mill, pulp-mill, and paper-products machinery	1	
	Scales and balances	1	
	Sewing machines, domestic and industrial	1	
	Vending, amusement, and other coin-operated machines	4	96
	Woodworking machinery	1	
18	Automobile trailers (for attachment to passenger cars)	1	
	Motor vehicles, motor-vehicle bodies, parts and accessories	30	
19	Aircraft and parts, including aircraft engines	5	440
	Boat building and boat repairing	2	
	Shipbuilding and ship repairing	2	
20	Beauty-shop and barber-shop equipment	4	63
	Buttons	2	
	Children's vehicles	3	254
	Costume jewelry and costume novelties (jewelry other than fine jewelry)	1	
	Dental equipment and supplies	2	
	Fabricated plastic products, not elsewhere classified	2	
	Fire extinguishers, chemical	1	
	Furs, dressed and dyed	2	
	Jewelry cases and instrument cases	1	
	Musical instruments, parts, and materials not elsewhere classified	1	
	Needles, pins, hooks and eyes, and slide and snap fasteners	1	
	Ophthalmic goods: lenses and fittings	1	
	Optical instruments and lenses	1	
	Organs	2	
	Pencils (except mechanical) and crayons	1	
	Pens, mechanical pencils, and pen points	2	
	Soda fountains, beer dispensing equipment, and related products	2	
	Surgical and medical instruments	1	
	Umbrellas, parasols, and canes	1	
	ST. LOUIS INDUSTRIAL AREA		
1	Baking powder, yeast, and other leavening compounds	1	
	Blended and prepared flour made from purchased flour	2	
	Canned and dried fruits and vegetables (including canned soups)	1	
	ST. LOUIS INDUSTRIAL AREA—Continued		
1	Cereal preparations	2	
	Cheese	2	
	Condensed and evaporated milk	3	19
	Cooking and other edible fats and oils, not elsewhere classified	1	
	Corn sirup, corn sugar, corn oil, and starch	2	
	Cured fish	1	
	Liquors, rectified or blended	2	
	Macaroni, spaghetti, vermicelli, and noodles	8	213
	Malt	1	
	Preserves, jams, jellies, and fruit butters	3	101
	Rice cleaning and polishing	1	
	Salad dressings	3	31
	Sausage casings—not made in meat-packing establishments	1	
	Wines	2	
2	Tobacco (chewing and smoking) and snuff	7	1,468
3	Batting, padding, and wadding; upholstery filling	3	263
	Cloth sponging and miscellaneous special finishing	2	
	Cordage and twine	1	
	Cotton broad woven goods	1	
	Cotton narrow fabrics	1	
	Dyeing and finishing cotton, rayon, silk, and linen textiles	1	
	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	10	679
	Hats, straw	1	
	Hosiery—full-fashioned	1	
	Hosiery—seamless	1	
	Knitted underwear	2	
	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	1	
4	Clothing, leather and sheep-lined	4	276
	Coats, suits, and skirts (except fur coats)—made in contract factories	1	
	Curtains, draperies, and bedspreads—contract factories	1	
	Dress and semidress gloves and mittens: cloth, cloth and leather combined	1	
	Embroideries, other than Schiffli-machine products—contract factories	6	116
	Embroideries, other than Schiffli-machine products—made in regular factories or by jobbers engaging contractors	2	
	Embroideries: Schiffli-machine products	1	
	Fur coats and other fur garments, accessories, and trimmings	5	
	House dresses, uniforms, and aprons—made in contract factories	2	
	Miscellaneous fabricated textile products not elsewhere classified	4	59
	Robes, lounging garments, and dressing gowns	3	191
	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	5	124
	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	3	142
5	Plywood mills	2	
6	Baskets for fruits and vegetables	1	
	Cigar boxes: wooden, part wooden	1	
	Household furniture, except upholstered	10	
	Matches	2	
	Office furniture	2	
	Public-building furniture	1	
	Window shades	1	
7	Coated and glazed paper	3	232
	Converted paper products not elsewhere classified	3	224
	Die-cut paper and paperboard, and converted cardboard	1	
	Fiber cans, tubes, and similar products	3	
	Paper and paperboard mills	4	696
	Paper bags, except those made in paper mills	4	189
8	Books: publishing and printing	2	
	Engraving (steel, copperplate, and wood); plate printing	11	
9	Ammunition	1	
	Bluing	1	
	Candles	1	
	Coal-tar products, crude and intermediate	3	696
	Colors and pigments	5	855
	Fireworks	2	
	Grease and tallow (except lubricating greases)	6	52
	Hardwood distillation and charcoal manufacture	1	
	Lubricating oils and greases—not made in petroleum refineries	5	22
	Mucilage, paste, and other adhesives, except glue and rubber cement	3	
	Perfumes, cosmetics, and other toilet preparations	21	
	Soap and glycerin	7	294
	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	1	
	Writing ink	1	

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS: NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE KANSAS CITY AND ST. LOUIS INDUSTRIAL AREAS, AND FOR ST. LOUIS: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	ST. LOUIS INDUSTRIAL AREA—Continued		
10	Oven coke and coke-oven by products	2	
	Petroleum refining	4	
11	Reclaimed rubber	1	
	Rubber products not elsewhere classified	9	
	Tires and inner tubes	1	
12	Leather goods not elsewhere classified	1	
	Leather tanned, curried, and finished—regular factories or jobbers engaging contractors	7	1,042
	Small leather goods	3	
	Suitcases, brief cases, bags, trunks, and other luggage	11	385
	Women's pocketbooks, handbags, and purses	1	
13	Abrasive wheels, stones, paper, cloth, and related products	1	
	Asbestos products (except steam packing and pipe and boiler covering)	6	549
	Cement	2	
	Flat glass	1	
	Glass containers	2	
	Mineral wool	2	
	Pottery products not elsewhere classified	2	
	Roofing tile	1	
	Sand-lime brick, block and tile	1	
	Sewer pipe and kindred products	2	
	Statuary and art goods (except stone and concrete)—factory production	6	42
	Steam and other packing; pipe and boiler covering	1	
	Terra cotta	1	
14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	2	
	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	16	662
	Doors, window sash, frames, molding, and trim (made of metal)	4	247
	Enameling, japanning, and lacquering	3	134
	Forgings, iron and steel—made in plants not operated in connection with rolling mills	2	
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	3	14
	Hardware not elsewhere classified	3	459
	Malleable-iron castings	1	
	Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills	1	
	Oil burners, domestic and industrial	2	
	Saws	1	
	Screw-machine products and wood screws	4	138
	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	3	134
	Steam and hot-water heating apparatus (including hot-water furnaces)	1	
	Vitreous enameled products, including kitchen, household, and hospital utensils	2	
15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	2	
	Clocks, watches, and materials and parts (except watchcases)	1	
	Nonferrous-metal foundries (except aluminum)	9	423
	Nonferrous-metal products not elsewhere classified	4	66
	Primary smelting and refining of nonferrous metals	2	
	Secondary smelting and refining, gold, silver, and platinum	1	
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	3	389
	Tin and other foils (except gold and silver foil)	1	
16	Automotive electrical equipment	1	
	Batteries, storage and primary (dry and wet)	4	
	Communication equipment	2	
	Electrical appliances	5	
	Electrical products not elsewhere classified	3	25
	Electric lamps	2	
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	20	5,915
	Insulated wire and cable	2	
	Radios, radio tubes, and phonographs	1	
	Wiring devices and supplies	3	141
17	Agricultural machinery (except tractors)	2	
	Blowers; exhaust and ventilating fans	1	
	Cars and trucks, industrial	1	
	Commercial laundry, dry-cleaning, and pressing machinery	2	
	Construction and similar machinery (except mining and oil-field machinery and tools)	2	
	Elevators, escalators, and conveyors	5	
	Internal-combustion engines	2	
	Laundry equipment, domestic	1	
	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	10	156
	Measuring and dispensing pumps	1	
17	Mechanical power-transmission equipment	3	
	Metalworking machinery and equipment, not elsewhere classified	4	112
	Mining machinery and equipment	2	
	Oil-field machinery and tools	3	84
	Paper-mill, pulp-mill, and paper-products machinery	1	
	Pumping equipment and air compressors	5	
	Sewing machines, domestic and industrial	1	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	17	3,901
19	Aircraft and parts, including aircraft engines	3	362
	Boat building and boat repairing	1	
	Shipbuilding and ship repairing	2	
20	Beauty-shop and barber-shop equipment	4	63
	Brushes	4	36
	Children's vehicles	3	254
	Costume jewelry and costume novelties (jewelry other than fine jewelry)	1	
	Dental equipment and supplies	2	
	Fabricated plastic products, not elsewhere classified	1	
	Fire extinguishers, chemical	1	
	Furs, dressed and dyed	2	
	Jewelry cases and instrument cases	1	
	Musical instruments, parts, and materials not elsewhere classified	1	
	Needles, pins, hooks and eyes, and slide and snap fasteners	1	
	Organs	3	123
	Pencils (except mechanical) and crayons	1	
	Pens, mechanical pencils, and pen points	2	
	Professional and scientific instruments (except surgical and dental)	6	86
	Soda fountains, beer dispensing equipment, and related products	1	
	Sporting and athletic goods not elsewhere classified	8	392
	Surgical and medical instruments	1	
	Umbrellas, parasols, and canes	1	
	KANSAS CITY INDUSTRIAL AREA		
1	Biscuit, crackers, and pretzels	6	513
	Candy and other confectionery products	8	407
	Canned and dried fruits and vegetables (including canned soups)	1	
	Cereal preparations	1	
	Cheese	3	28
	Chewing gum	1	
	Condensed and evaporated milk	2	
	Corn sirup, corn sugar, corn oil, and starch	2	
	Liquors, rectified or blended	2	
	Macaroni, spaghetti, vermicelli, and noodles	1	
	Malt liquors	2	
	Oleomargarine—not made in meat-packing establishments	1	
	Preserves, jams, jellies, and fruit butters	2	
	Salad dressings	2	
	Special dairy products	1	
	Vinegar and cider	1	
2	Cigars	1	
3	Cloth sponging and miscellaneous special finishing	1	
	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	1	
4	Canvas products (except bags)	5	61
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	2	
	Embroideries, other than Schiffli-machine products—contract factories	2	
	Embroideries: Schiffli-machine products	1	
	Fur coats and other fur garments, accessories and trimmings	1	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	3	241
	Housefurnishings (except curtains, draperies, and bedspreads)	5	128
	Men's and boys' hats and caps (except felt and straw)	6	89
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	1	
	Men's and boys' underwear made in inside factories or by jobbers engaging contractors	1	
	Men's neckwear—made in inside factories or by jobbers engaging contractors	4	215
	Millinery	3	55
	Miscellaneous fabricated textile products not elsewhere classified	1	
	Robes, lounging garments, and dressing gowns	2	
	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	2	

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE KANSAS CITY AND ST. LOUIS INDUSTRIAL AREAS, AND FOR ST. LOUIS: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	KANSAS CITY INDUSTRIAL AREA—Continued		
4	Trousers (semidress), wash suits, and washable service apparel	3	76
	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	1	
	Work gloves and mittens: cloth, cloth and leather combined	1	
6	Baskets for fruits and vegetables	1	
	Excelsior	1	
	Laboratory, hospital, and other professional furniture	2	
	Mirror frames and picture frames	2	
	Office furniture	1	
	Partitions, shelving, cabinet work, and office and store fixtures	11	120
	Upholstered household furniture	8	184
	Venetian blinds	2	
	Window and door screens and weather strip	2	
	Window shades	4	16
	Wooden boxes, except cigar boxes	3	139
	Wood preserving	3	98
7	Coated and glazed paper	1	
	Die-cut paper and paperboard, and converted cardboard	3	132
	Fiber cans, tubes, and similar products	1	
	Paper and paperboard mills	1	
8	Engraving (steel, copperplate, and wood); plate printing	3	45
	Gravure, rotogravure, and rotary photogravure (including preparation of plates)	1	
	Greeting cards (except hand-painted)	1	
	Newspapers: publishing and printing	16	934
9	Chemicals not elsewhere classified	4	30
	Cleaning and polishing preparations, blackings, and dressings	8	51
	Grease and tallow (except lubricating greases)	1	
	Mucilage, paste, and other adhesives, except glue and rubber cement	1	
	Perfumes, cosmetics, and other toilet preparations	11	80
	Soap and glycerin	4	839
	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	1	
10	Fuel briquets	1	
11	Rubber products not elsewhere classified	4	173
12	Industrial leather belting and packing leather	1	
	Leather goods not elsewhere classified	2	
	Saddlery, harness, and whips	1	
	Suitcases, brief cases, bags, trunks, and other luggage	4	254
13	Brick and hollow structural tile	1	
	Cement	2	
	Mineral wool	2	
	Mirrors and other glass products made of purchased glass	3	21
	Statuary and art goods (except stone and concrete)—factory production	2	
	Steam and other packing; pipe and boiler covering	1	
14	Automobile stampings	1	
	Cast-iron pipe and fittings	1	
	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	1	
	Doors, window sash, frames, molding, and trim (made of metal)	1	
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	3	51
	Enameling, japanning, and lacquering	2	
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	1	
	Hardware not elsewhere classified	1	
	Heating and cooking apparatus, except electric, not elsewhere classified	1	
	Oil burners, domestic and industrial	1	
	Screw-machine products and wood screws	2	
	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	4	14
	Stamped and pressed metal products (except automobile stampings)	4	78
	Steel barrels, kegs, and drums	1	
	Steel works and rolling mills	1	
	Tin cans and other tinware not elsewhere classified	3	362
	Tools (except edge tools, machine tools, files, and saws)	2	
	Wire drawn from purchased rods	1	
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	2	
	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	3	
	Jewelry (precious metals)	4	60
	Nonferrous-metal foundries (except aluminum)	4	51
	Nonferrous-metal products not elsewhere classified	5	107
	KANSAS CITY INDUSTRIAL AREA—Continued		
15	Secondary smelting and refining, gold, silver, and platinum	1	
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	1	
16	Automotive electrical equipment	1	
	Batteries, storage and primary (dry and wet)	2	
	Electrical products, not elsewhere classified	2	
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	6	56
	Insulated wire and cable	2	
	Radios, radio tubes, and phonographs	2	
	Wiring devices and supplies	1	
17	Agricultural machinery (except tractors)	2	
	Commercial laundry, dry-cleaning, and pressing machinery	2	
	Elevators, escalators, and conveyors	1	
	Food-products machinery	4	32
	Industrial machinery, not elsewhere classified	2	
	Internal-combustion engines	3	
	Office and store machines, not elsewhere classified	2	
	Paper-mill, pulp-mill, and paper-products machinery	1	
	Pumping equipment and air compressors	1	
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	3	159
	Stokers, mechanical, domestic and industrial	1	
	Vending, amusement, and other coin-operated machines	4	96
18	Automobile trailers (for attachment to passenger cars)	1	
	Motor vehicles, motor-vehicle bodies, parts and accessories	12	
19	Aircraft and parts, including aircraft engines	2	
	Boat building and boat repairing	1	
20	Brushes	1	
	Fabricated plastic products, not elsewhere classified	2	
	Games and toys (except dolls and children's vehicles)	3	26
	Miscellaneous fabricated products, not elsewhere classified	2	
	Models and patterns (except paper patterns)	3	17
	Ophthalmic goods: lenses and fittings	1	
	Optical instruments and lenses	1	
	Photographic apparatus and materials and projection equipment (except lenses)	2	
	Professional and scientific instruments (except surgical and dental)	1	
	Soda fountains, beer dispensing equipment, and related products	1	
	Sporting and athletic goods not elsewhere classified	3	48
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	9	43
	CITY OF ST. LOUIS		
1	Baking powder, yeast, and other leavening compounds	1	
	Blended and prepared flour made from purchased flour	2	
	Cereal preparations	2	
	Cheese	1	
	Condensed and evaporated milk	1	
	Cooking and other edible fats and oils, not elsewhere classified	1	
	Corn sirup, corn sugar, corn oil, and starch	1	
	Creamery butter	8	167
	Cured fish	1	
	Flour and other grain-mill products	4	163
	Liquors, rectified or blended	2	
	Macaroni, spaghetti, vermicelli, and noodles	8	
	Malt	1	
	Malt liquors	9	3,237
	Preserves, jams, jellies, and fruit butters	3	
	Rice cleaning and polishing	1	
	Salad dressings	3	
	Sausage casings—not made in meat-packing establishments	1	
	Vinegar and cider	2	
	Wines	1	
2	Cigars	6	
	Tobacco (chewing and smoking) and snuff	6	
3	Batting, padding, and wadding; upholstery filling	2	
	Cloth sponging and miscellaneous special finishing	2	
	Cordage and twine	1	
	Cotton broad woven goods	1	
	Cotton narrow fabrics	1	
	Dyeing and finishing cotton, rayon, silk, and linen textiles	1	
	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	9	
	Hosiery—full-fashioned	1	
	Knitted underwear	1	
	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	1	

See footnote at end of table.

TABLE 12.- INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE KANSAS CITY AND ST. LOUIS INDUSTRIAL AREAS, AND FOR ST. LOUIS: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	CITY OF ST. LOUIS—Continued		
4	Canvas products (except bags)	6	
	Clothing, leather and sheep-lined	4	276
	Coats, suits, and skirts (except fur coats)—made in contract factories	1	
	Curtains, draperies, and bedspreads—contract factories	1	
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	14	
	Dress and semidress gloves and mittens: cloth, cloth and leather combined	1	
	Embroideries, other than Schiffli-machine products—contract factories	6	
	Embroideries, other than Schiffli-machine products—made in regular factories or by jobbers engaging contractors	2	
	Embroideries: Schiffli-machine products	1	
	Fur coats and other fur garments, accessories, and trimmings	5	
	House dresses, uniforms, and aprons—made in contract factories	2	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	7	
	Housefurnishings (except curtains, draperies, and bedspreads)	13	
	Miscellaneous fabricated textile products not elsewhere classified	4	
	Robes, lounging garments, and dressing gowns	3	
	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	5	
	Trousers (semidress), wash suits, and washable service apparel	14	
	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	3	
	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	50	
5	Planing mills not operated in conjunction with sawmills	2	
	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	1	
6	Baskets for fruits and vegetables	1	
	Cigar boxes: wooden, part wooden	1	
	Cooperage	4	
	Matches	1	
	Office furniture	2	
	Public-building furniture	1	
	Venetian blinds	8	
	Window and door screens and weather strip	8	38
	Window shades	1	
	Wooden boxes except cigar boxes	5	
	Wood products not elsewhere classified	5	
7	Coated and glazed paper	3	
	Converted paper products not elsewhere classified	3	224
	Die-cut paper and paperboard, and converted cardboard	1	
	Fiber cans, tubes, and similar products	2	
	Paper bags, except those made in paper mills	4	189
	Paperboard containers and boxes not elsewhere classified	37	
8	Books: publishing and printing	2	
	Engraving (steel, copperplate, and wood); plate printing	11	66
	Periodicals: publishing and printing	12	319
9	Candles	1	
	Chemicals not elsewhere classified	9	
	Cleaning and polishing preparations, blackings, and dressings	24	
	Coal-tar products, crude and intermediate	1	
	Colors and pigments	1	
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	6	
	Drugs and medicines (including drug grinding)	37	
	Grease and tallow (except lubricating greases)	3	22
	Hardwood distillation and charcoal manufacture	1	
	Insecticides, fungicides, and related industrial and household chemical compounds	21	
	Lubricating oils and greases—not made in petroleum refineries	4	
	Mucilage, paste, and other adhesives, except glue and rubber cement	3	
	Paints, varnishes, and lacquers	28	437
	Soap and glycerin	7	294
	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	1	
	Writing ink	1	
10	Oven coke and coke-oven byproducts	1	
	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	3	56
	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	2	
	CITY OF ST. LOUIS—Continued		
11	Rubber products not elsewhere classified	0	
	Tires and inner tubes	1	
12	Boot and shoe cut stock and findings	24	
	Leather goods not elsewhere classified	1	
	Saddlery, harness, and whips	2	
	Small leather goods	3	
	Suitcases, brief cases, bags, trunks, and other luggage	11	385
	Women's pocketbooks, handbags, and purses	1	
13	Abrasive wheels, stones, paper, cloth, and related products	1	
	Asbestos products (except steam packing and pipe and boiler covering)	3	324
	Clay refractories, including refractory cement (clay)	4	
	Flat glass	1	
	Minerals and earths, ground or otherwise treated	2	
	Mineral wool	1	
	Pottery products not elsewhere classified	1	
	Sewer pipe and kindred products	2	
	Statuary and art goods (except stone and concrete) factory production	6	
	Steam and other packing; pipe and boiler covering	1	
	Terra cotta	1	
14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	1	
	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	15	
	Doors, window sash, frames, molding, and trim (made of metal)	4	
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	4	181
	Enameling, japanning, and lacquering	1	
	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	21	383
	Forgings, iron and steel—made in plants not operated in connection with rolling mills	1	
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	3	
	Hardware not elsewhere classified	3	
	Malleable iron castings	1	
	Oil burners, domestic and industrial	2	
	Power boilers and associated products	5	
	Saws	1	
	Screw-machine products and wood screws	4	
	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	2	
	Stamped and pressed metal products (except automobile stampings)	11	
	Steam fittings, regardless of material	2	
	Steel barrels, kegs, and drums	3	
	Steel castings	4	
	Steel works and rolling mills	2	
	Tin cans and other tinware not elsewhere classified	5	
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	3	126
	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	2	
	Nonferrous-metal foundries (except aluminum)	8	
	Nonferrous-metal products not elsewhere classified	4	66
	Secondary smelting and refining, gold, silver, and platinum	1	
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	1	
	Sheet-metal work not specifically classified	24	413
	Tin and other foils (except gold and silver foil)	1	
16	Automotive electrical equipment	1	
	Batteries, storage and primary (dry and wet)	4	
	Communication equipment	2	
	Electrical appliances	4	
	Electrical products not elsewhere classified	3	
	Electric lamps	2	
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	19	
	Insulated wire and cable	1	
	Radios, radio tubes, and phonographs	1	
	Wiring devices and supplies	2	
17	Agricultural machinery (except tractors)	2	
	Blowers; exhaust and ventilating fans	1	
	Cars and trucks, industrial	1	
	Commercial laundry, dry-cleaning, and pressing machinery	2	
	Construction and similar machinery (except mining and oil-field machinery and tools)	2	
	Internal-combustion engines	1	
	Machine-shop products not elsewhere classified	26	1,076
	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	8	
	Machine tools	2	
	Measuring and dispensing pumps	1	

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE KANSAS CITY AND ST. LOUIS INDUSTRIAL AREAS, AND FOR ST. LOUIS: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	CITY OF ST. LOUIS—Continued		
17	Mechanical power-transmission equipment	3	
	Metalworking machinery and equipment, not elsewhere classified	3	
	Mining machinery and equipment	1	
	Office and store machines not elsewhere classified	3	
	Oil-field machinery and tools	2	
	Paper-mill, pulp-mill, and paper-products machinery	1	
	Pumping equipment and air compressors	5	
	Sewing machines, domestic and industrial	1	
	Stokers, mechanical, domestic and industrial	4	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	15	
19	Aircraft and parts, including aircraft engines	1	
	Boat building and boat repairing	1	
	Cars and car equipment—railroad, street, and rapid-transit	6	1,666
	Shipbuilding and ship repairing	1	
20	Beauty-shop and barber-shop equipment	4	63
	Brooms	3	
	Brushes	4	
	Children's vehicles	3	254
	CITY OF ST. LOUIS—Continued		
20	Costume jewelry and costume novelties (jewelry other than fine jewelry)	1	
	Dental equipment and supplies	2	
	Fire extinguishers, chemical	1	
	Furs, dressed and dyed	2	
	Games and toys (except dolls and children's vehicles)	6	
	Jewelry cases and instrument cases	1	
	Musical instruments, parts, and materials not elsewhere classified	1	
	Needles, pins, hooks and eyes, and slide and snap fasteners	1	
	Organs	2	
	Pencils (except mechanical) and crayons	2	
	Photographic apparatus and materials and projection equipment (except lenses)	3	67
	Professional and scientific instruments (except surgical and dental)	5	
	Soda fountains, beer dispensing equipment, and related products	1	
	Sporting and athletic goods not elsewhere classified	8	392
	Surgical and medical instruments	1	
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	9	
	Umbrellas, parasols, and canes	1	

[1] For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and of industry groups, sec. 27

TABLE 13.—INDUSTRIES BY INDUSTRY GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR KANSAS CITY: 1939

[In order to avoid disclosing data for individual establishments, wage-earner figures for industries represented by fewer than three establishments are withheld]

Group No.[1]	TITLE	Number of establishments	Wage earners
	KANSAS CITY		
1	Biscuit, crackers, and pretzels	5	464
	Bread and other bakery products (except biscuit, crackers, and pretzels)	47	1,655
	Candy and other confectionery products	7	403
	Canned and dried fruits and vegetables (including canned soups)	1	
	Cereal preparations	1	
	Cheese	1	
	Chewing gum	1	
	Corn sirup, corn sugar, corn oil, and starch	1	
	Creamery butter	7	132
	Flavoring extracts and flavoring sirups, not elsewhere classified	8	21
	Flour and other grain-mill products	3	328
	Food preparations, not elsewhere classified	13	188
	Ice cream and ices	11	112
	Ice, manufactured	12	135
	Liquors, rectified or blended	2	
	Macaroni, spaghetti, vermicelli, and noodles	1	
	Malt liquors	2	
	Meat packing, wholesale	2	
	Nonalcoholic beverages	11	100
	Oleomargarine—not made in meat-packing establishments	1	
	Poultry dressing and packing, wholesale	13	45
	Prepared feeds (including mineral) for animals and fowls	12	195
	Preserves, jams, jellies, and fruit butters	2	
	Salad dressings	2	
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	6	106
	Special dairy products	1	
	Vinegar and cider	1	
2	Cigars	1	
3	Cloth sponging and miscellaneous special finishing	1	
	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	1	
4	Canvas products (except bags)	4	57
	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	7	350
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	2	
	Embroideries, other than Schiffli-machine products—contract factories	2	
	Embroideries: Schiffli-machine products	1	
	Fur coats and other fur garments, accessories, and trimmings	1	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	3	241
	Housefurnishings (except curtains, draperies, and bedspreads)	5	128
	KANSAS CITY—Continued		
4	Men's and boys' hats and caps (except felt and straw)	6	89
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	1	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	3	249
	Men's and boys' underwear—made in inside factories or by jobbers engaging contractors	1	
	Men's neckwear—made in inside factories or by jobbers engaging contractors	4	215
	Millinery	3	55
	Miscellaneous fabricated textile products not elsewhere classified	1	
	Robes, lounging garments, and dressing gowns	2	
	Textile bags—not made in textile mills	5	299
	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	2	
	Trousers (semidress), wash suits, and washable service apparel	3	76
	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	1	
	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	9	1,735
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	8	1,345
	Work gloves and mittens: cloth, cloth and leather combined	1	
5	Planing mills not operated in conjunction with sawmills	8	196
	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	1	
6	Caskets, coffins, burial cases, and other morticians' goods	9	109
	Cooperage	1	
	Excelsior	1	
	Laboratory, hospital, and other professional furniture	2	
	Mattresses and bedsprings	9	172
	Mirror frames and picture frames	2	
	Partitions, shelving, cabinet work, and office and store fixtures	9	103
	Upholstered household furniture	6	115
	Venetian blinds	2	
	Window and door screens and weather strip	2	
	Window shades	4	16
	Wooden boxes except cigar boxes	1	
	Wood preserving	3	99

See footnote at end of table.

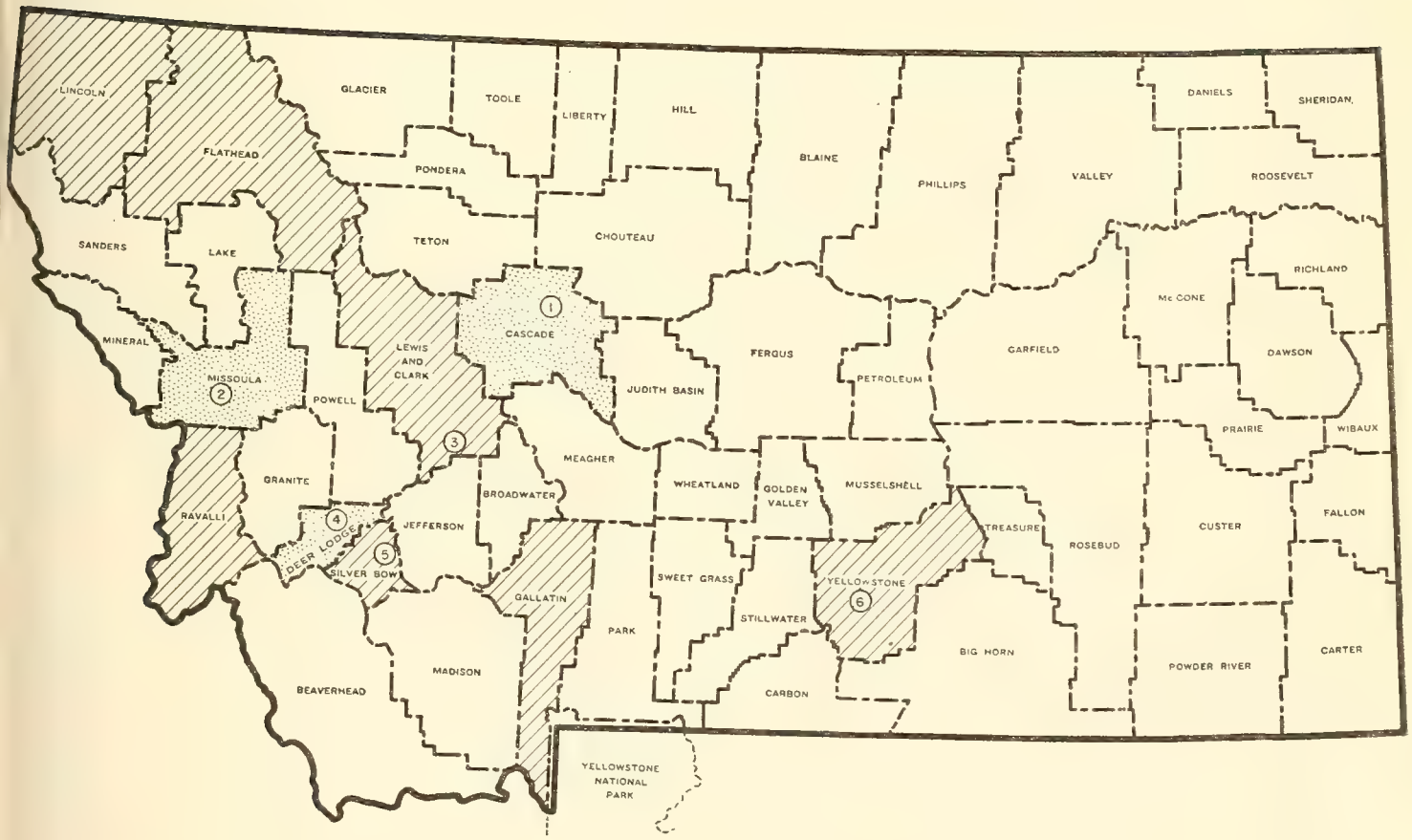
TABLE 13.—INDUSTRIES BY INDUSTRY GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR KANSAS CITY: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	KANSAS CITY—Continued		
7	Coated and glazed paper	1	----
	Converted paper products not elsewhere classified	1	----
	Die-cut paper and paperboard, and converted cardboard	2	----
	Envelopes	4	148
	Fiber cans, tubes, and similar products	1	----
	Paperboard containers and boxes not elsewhere classified	5	269
8	Bookbinding and related industries	7	61
	Books: printing without publishing	8	76
	Books: publishing without printing	3	----
	Electrotyping and stereotyping, not done in printing establishments	3	30
	Engraving (steel, copperplate, and wood); plate printing	3	45
	General commercial (job) printing	85	675
	Gravure, rotogravure, and rotary photogravure (including preparation of plates)	1	----
	Greeting cards (except hand-painted)	1	----
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	9	122
	Machine and hand typesetting (including advertisement typesetting)	9	62
	Newspapers: publishing and printing	4	832
	Newspapers: publishing without printing	4	----
	Periodicals: publishing and printing	11	259
	Periodicals: publishing without printing	15	----
	Photoengraving, not done in printing establishments (including preparation of plates)	6	68
9	Chemicals not elsewhere classified	1	----
	Cleaning and polishing preparations, blackings, and dressings	8	51
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	4	38
	Drugs and medicines (including drug grinding)	16	260
	Insecticides, fungicides, and related industrial and household chemical compounds	11	20
	Lubricating oils and greases—not made in petroleum refineries	1	----
	Mucilage, paste, and other adhesives, except glue and rubber cement	1	----
	Paints, varnishes, and lacquers	10	116
	Perfumes, cosmetics, and other toilet preparations	11	80
	Printing ink	4	26
	Soap and glycerin	1	----
	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	1	----
10	Fuel briquets	1	----
	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	3	18
	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	3	103
11	Rubber products not elsewhere classified	1	----
12	Industrial leather belting and packing leather	1	----
	Leather goods not elsewhere classified	2	----
	Saddlery, harness, and whips	1	----
	Suitcases, brief cases, bags, trunks, and other luggage	4	254
13	Concrete products	6	92
	Mineral wool	1	----
	Mirrors and other glass products made of purchased glass	3	21
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	3	52
	Statuary and art goods (except stone and concrete)—factory production	2	----
	Steam and other packing; pipe and boiler covering	1	----
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	3	8
14	Automobile stampings	1	----
	Cast-iron pipe and fittings	1	----
	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	1	----
	Doors, window sash, frames, molding, and trim (made of metal)	1	----
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semi-vitreous china sanitary ware)	3	51
	Enameling, japanning, and lacquering	2	----
	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	3	53
	KANSAS CITY—Continued		
14	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	1	----
	Gray-iron and semisteel castings	3	92
	Heating and cooking apparatus, except electric, not elsewhere classified	1	----
	Oil burners, domestic and industrial	1	----
	Power boilers and associated products	5	751
	Screw-machine products and wood screws	2	----
	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	4	14
	Stamped and pressed metal products (except automobile stampings)	4	78
	Steel works and rolling mills	1	----
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	4	156
	Tin cans and other tinware not elsewhere classified	2	----
	Tools (except edge tools, machine tools, files, and saws)	2	----
	Wire drawn from purchased rods	1	----
	Wirework not elsewhere classified	4	26
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	1	----
	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	3	27
	Electroplating, plating, and polishing	6	36
	Jewelry (precious metals)	4	60
	Lighting fixtures	4	80
	Nonferrous-metal foundries (except aluminum)	3	24
	Nonferrous-metal products not elsewhere classified	5	107
	Secondary smelting and refining, gold, silver, and platinum	1	----
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	1	----
	Sheet-metal work not specifically classified	10	92
16	Automotive electrical equipment	1	----
	Batteries, storage and primary (dry and wet)	2	----
	Electrical products not elsewhere classified	2	----
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	5	54
	Insulated wire and cable	1	----
	Radios, radio tubes, and phonographs	1	----
	Wiring devices and supplies	1	----
17	Agricultural machinery (except tractors)	1	----
	Commercial laundry, dry-cleaning, and pressing machinery	1	----
	Elevators, escalators, and conveyors	1	----
	Food-products machinery	4	32
	Industrial machinery, not elsewhere classified	2	----
	Internal-combustion engines	3	111
	Machine-shop products, not elsewhere classified	11	84
	Machine-shop repairs	13	56
	Mechanical power-transmission equipment	1	----
	Office and store machines not elsewhere classified	2	----
	Printing-trades machinery and equipment	3	10
	Pumping equipment and air compressors	1	----
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	2	----
	Vending, amusement, and other coin-operated machines	4	96
18	Automobile trailers (for attachment to passenger cars)	1	----
	Motor vehicles, motor-vehicle bodies, parts and accessories	9	2,990
19	Aircraft and parts, including aircraft engines	1	----
	Boat building and boat repairing	1	----
20	Brooms	4	30
	Brushes	1	----
	Fabricated plastic products, not elsewhere classified	2	----
	Games and toys (except dolls and children's vehicles)	3	26
	Hand stamps, stencils, and brands	4	24
	Miscellaneous fabricated products not elsewhere classified	2	----
	Models and patterns (except paper patterns)	3	17
	Ophthalmic goods: lenses and fittings	1	----
	Optical instruments and lenses	1	----
	Photographic apparatus and materials and projection equipment (except lenses)	2	----
	Professional and scientific instruments (except surgical and dental)	1	----
	Signs, advertising displays, and advertising novelties	13	88
	Soda fountains, beer dispensing equipment, and related products	1	----
	Sporting and athletic goods not elsewhere classified	1	----
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	8	43

[1] For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and of industry groups, sec. 27.

MONTANA

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939



KEY TO PLACES

ANACONDA	4
BILLINGS	6
BUTTE	5
GREAT FALLS	1
HELENA	3
MISSOULA	2

UNDER 250 WAGE EARNERS

250 TO 999 WAGE EARNERS

1,000 OR MORE WAGE EARNERS

PLACES OF 10,000 TO 99,999 POPULATION

Prepared by the Bureau of the Census, Department of Commerce

MONTANA

TABLE 1. SUMMARY FOR THE STATE: 1939, 1937, AND 1929

CENSUS YEAR	Number of establishments	Proprietors and firm members	Number of persons employed in manufacturing [1]	Salaries and wages [1]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2]	Value of products [2]	Value added by manufacture [3]
1939	585	469	10,898	$15,832,241	$112,094,844	$151,885,026	$39,790,182
1937	515	357	13,220	19,694,162	134,041,222	176,278,814	42,237,592
1929	553	329	13,379	23,048,250	205,980,493	260,700,416	54,719,923

[1] Figure for 1939 does not include data for employees of manufacturing establishments (except salaried officers of corporations) who were engaged in distribution, construction, and other nonmanufacturing work. For detail, see table 8. It is not known to what extent data for such nonmanufacturing employees were included in figures reported for earlier years. See GENERAL EXPLANATIONS—Persons engaged—general classification.

[2] The aggregates for cost of materials, etc., and value of products include large amounts of duplication due to the use of the products of some industries as materials by others. See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 2.—SUMMARY FOR COUNTIES AND PLACES: 1939

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
The State	559,456	[5] 585	9,171	$12,148,428	$112,094,844	$151,885,026	$39,790,182
COUNTIES [5]							
Beaverhead	6,943	5	8	7,076	45,244	85,787	40,543
Big Horn [6]	10,419	6	118				
Blaine [6]	9,566	8	175				
Broadwater [6]	3,451	3	7				
Carbon	11,865	13	36	23,491	181,916	287,223	105,307
Carter [6]	3,280	1					
Cascade	41,999	46	1,508	2,234,263	44,736,796	56,231,635	11,494,839
Chouteau [6]	7,316	1					
Custer	10,422	13	44	51,020	152,945	354,520	201,575
Daniels	4,563	5	7	8,949	41,869	79,004	37,135
Dawson	8,618	5	16	15,490	70,039	145,879	75,840
Deer Lodge [6]	13,627	13	1,358				
Fallon [6]	3,719	2					
Fergus	14,040	13	134	179,902	1,339,013	2,138,992	799,979
Flathead	24,271	46	765	850,085	1,972,686	3,697,864	1,725,178
Gallatin	18,269	26	261	326,321	1,615,426	2,968,413	1,352,987
Garfield [6]	2,641	1					
Glacier	9,034	15	98	139,136	1,850,017	2,440,148	590,131
Golden Valley [7]	1,607						
Granite [6]	3,401	2					
Hill	13,304	14	68	85,995	420,369	795,741	375,372
Jefferson	4,664	7	18	13,994	99,231	140,078	40,847
Judith Basin [6]	3,655	2					
Lake	13,490	16	94	93,228	441,841	669,139	227,298
Lewis and Clark [6]	22,131	34	559				
Liberty [7]	2,209	1					
Lincoln [6]	7,882	12	524				
Madison	7,294	5	2	2,429	35,977	56,158	20,181
McCone [7]	3,798						
Meagher [6]	2,237	2					
Mineral [7]	2,135						
Missoula	29,038	28	1,186	1,495,488	3,731,920	7,404,442	3,672,522
Musselshell	5,717	4	13	17,503	38,681	80,369	41,688
Park	11,566	11	64	42,027	221,838	378,374	156,536
Petroleum [6]	1,083	2					
Phillips	7,892	4	9	12,613	40,182	67,901	27,719
Pondera	6,716	7	23	20,614	107,263	153,598	46,335
Powder River [6]	3,159	2					
Powell	6,152	5	15	19,114	72,059	124,811	52,752
Prairie [6]	2,410	1					
Ravalli	12,978	24	256	257,936	696,561	1,204,494	507,933
Richland [6]	10,209	8	167				
Roosevelt	9,806	8	11	11,274	72,201	118,147	45,946
Rosebud [6]	6,477	3	1				
Sanders	6,926	9	95	169,749	478,988	742,199	263,211
Sheridan	7,814	3	7	7,131	21,885	48,589	26,704
Silver Bow	53,207	60	487	694,677	2,217,526	4,585,843	2,368,317
Stillwater	5,694	5	6	6,209	71,033	102,809	31,776

See footnotes at end of table.

TABLE 2.—SUMMARY FOR COUNTIES AND PLACES: 1939—Continued

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
COUNTIES [5]—continued							
Sweet Grass [6]	3,719	3	3				
Teton [6]	6,922	3	3				
Toole [6]	6,769	11	142				
Treasure [7]	1,499						
Valley	15,181	10	54	$57,438	$195,669	$456,243	$260,574
Wheatland [6]	3,286	4	33				
Wibaux [7]	2,161						
Yellowstone	41,182	53	771	1,051,614	8,596,205	13,442,886	4,846,681
Yellowstone National Park (part of) [7]	43						
Undistributed [8]		125	3,118	4,253,662	42,529,464	52,883,740	10,354,276
PLACES HAVING 10,000 OR MORE INHABITANTS							
Anaconda [9]	11,004	6	120				
Billings	23,261	36	363	469,859	2,611,347	4,291,796	1,680,449
Butte	37,081	54	377	556,631	1,096,002	3,066,832	1,970,830
Great Falls [9]	29,928	36	337				
Helena [9]	15,056	25	206				
Missoula	18,449	21	357	453,329	1,608,595	3,048,235	1,439,640

[1] Not including salaried officers and employees nor nonmanufacturing wage earners. The figure for each county or place is an average of the numbers reported for the several months of the year. In calculating it, equal weight must be given to full-time and to part-time wage earners (not reported separately by the manufacturers), and for this reason it exceeds the number that would have been required to perform the work done in the industries if all wage earners had been continuously employed throughout the year. The quotient obtained by dividing the amount of wages by the average number of wage earners cannot, therefore, be accepted as representing the average wage received by full-time wage earners. Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several counties do not add exactly to the average for the State. In making comparisons between the figures for 1939 and those for earlier years, the possibility that the proportion of part-time employment varied from year to year should be taken into account.

[2] Profits and losses cannot be calculated from the census figures because no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, and advertising.

[3] See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

[5] For numbers of establishments by "Industry groups," see table 9.

[6] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Undistributed" figures.

[7] No manufacturing reported.

[8] The "Undistributed" figure for number of establishments and a part of the "Undistributed" figure for number of wage earners are included above in the items for the respective counties. The sums of the figures in these two columns are, therefore, larger than the corresponding State totals.

[9] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments.

TABLE 3.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, BY SEX: 1939 AND 1929

[The 1939 questionnaire, for the first time, called for data on the *total* number of employees in manufacturing establishments, including those engaged wholly or chiefly in distribution, construction, and other nonmanufacturing activities. It is not known to what extent data for such employees were included in the figures reported for earlier years. This table presents detailed figures for employees receiving pay at any time within the *normal* pay-roll period ended nearest Oct. 14, 1939, and for such employees on the pay roll on Dec. 14, 1929, or on the nearest *representative* date. The total for "Wage earners engaged in manufacturing" is not identical with the average for the year (given in other tables), and differs from the number reported for October 1939 or for December 1929, because for both years some manufacturers gave wage-earner figures for months other than those specified. See GENERAL EXPLANATIONS—Persons engaged—general classification]

CLASS AND SEX	1939 (Oct. 14)[1]	1929 (Dec. 14)[1]
All classes, aggregate [2]	14,466	13,384
Male	13,648	12,724
Female	818	660
Salaried officers and employees, total	3,269	2,022
Male	2,757	1,697
Female	512	325
Salaried officers of corporations, total	212	196
Male	194	184
Female	18	12
All other employees (except wage earners in manufacturing), total	3,057	1,826
Male	2,563	1,513
Female	494	313
Salaried officers and employees—Continued.		
All other employees, etc.—Continued.		
Engaged in manufacturing:		
Male	1,191	(3)
Female	324	
Engaged in distribution:		
Male	781	
Female	165	
Engaged in construction:		
Male	183	
Engaged in other work:		
Male	408	
Female	5	
Wage earners engaged in manufacturing, total	11,197	11,362
Male	10,891	11,027
Female	306	335

[1] See headnote.

[2] Figures do not include data for 469 proprietors and firm members for 1939 and 329 for 1929, which were not reported by sex for 1939.

[3] No data.

TABLE 4.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS: 1939, 1937, AND 1929

[The figures for 1939 relate to wage earners engaged in manufacturing only. It is not known to what extent the figures for earlier years include data for nonmanufacturing wage earners. See headnote to table 3]

CENSUS YEAR	Average number employed during year [1]	NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH—											
		January	February	March	April	May	June	July	August	September	October	November	December
1939	9,171	8,224	7,953	7,686	8,184	8,584	8,816	9,368	9,710	9,774	11,062	10,528	10,163
1937	11,268	9,943	9,351	10,266	10,881	11,461	11,835	12,150	12,033	11,932	12,736	11,739	10,888
1929	11,357	10,787	10,739	10,881	11,292	11,415	11,493	11,414	11,902	11,205	12,463	12,031	10,671

[1] See GENERAL EXPLANATIONS—Wage earners and wages.

TABLE 5.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY NUMBER OF WAGE EARNERS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS	VALUE ADDED BY MANUFACTURE [2]
	1939	1929	1939	1929	1939	1939
All establishments	585	553	9,171	11,357	$151,885,026	$39,790,182
No wage earners	40	22			510,708	219,948
1 to 5	352	326	812	837	8,703,188	3,574,465
6 to 20	120	129	1,282	1,301	12,602,509	5,495,378
21 to 50	40	40	1,258	1,220	16,449,345	6,772,997
51 to 100	16	16	1,159	1,119	12,529,005	4,930,189
101 to 250	12	11	[3] 4,660	6,880	101,090,271	18,797,205
251 to 500	2	5				
501 to 1,000	3	3				
1,001 to 2,500		1				

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Combined to avoid disclosing data for individual establishments.

TABLE 6.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY VALUE OF PRODUCTS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
All establishments	585	553	9,171	11,357	$151,885,026	$260,700,416	$39,790,182	$54,719,923
$5,000 to $19,999	268	232	564	554	2,899,332	2,479,789	1,652,974	1,626,871
$20,000 to $49,999	133	129	684	696	4,339,745	4,187,842	1,996,044	2,263,093
$50,000 to $99,999	72	66	611	670	5,229,265	4,562,809	2,319,074	2,151,543
$100,000 to $249,999	52	59	946	944	8,481,563	8,811,820	4,028,394	3,729,902
$250,000 to $499,999	26	23	989	1,063	9,159,676	8,276,888	4,493,068	3,377,098
$500,000 to $999,999	11	20	677	1,133	7,828,353	12,832,405	3,268,257	5,554,391
$1,000,000 to $2,499,999	15	14	2,243	2,325	23,947,880	21,157,743	8,367,400	8,099,698
$2,500,000 to $4,999,999	3	4	506	458	10,676,297	11,734,862	2,790,935	2,702,853
$5,000,000 and over	5	6	1,951	3,514	79,322,915	186,656,258	10,874,036	25,214,474

[1] See headnotes to tables 3 and 4.

[2] See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 7.—ESTABLISHMENTS CLASSIFIED AS UNDER CORPORATE OR OTHER FORM OF OWNERSHIP (OR CONTROL) AND AS UNDER CENTRAL-ADMINISTRATIVE-OFFICE OR INDEPENDENT OPERATION: 1939 AND 1929

TYPE OF OWNERSHIP OR CONTROL, AND OF OPERATION	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
Total	585	553	9,171	11,357	$151,885,026	$260,700,416	$39,790,182	$54,719,923
TYPE OF OPERATION								
1939 [3]								
Corporate ownership or control:								
Central-administrative-office (plural-unit)	112	(3)	5,933	(3)	126,654,753	(3)	28,741,147	(3)
Independent (single-unit)	123	(3)	2,009	(3)	16,791,644	(3)	7,224,498	(3)
Noncorporate ownership:								
Central-administrative-office (plural-unit)	34	(3)	113	(3)	1,021,338	(3)	428,453	(3)
Independent (single-unit)	316	(3)	1,116	(3)	7,417,291	(3)	3,396,084	(3)
1939 AND 1929 [3]								
Central-administrative-office (plural-unit), corporate and noncorporate	146	65	6,046	6,153	127,676,091	221,017,024	29,169,600	36,932,394
Independent (single-unit), corporate and noncorporate	439	488	3,125	5,204	24,208,935	39,683,392	10,620,582	17,787,529
TYPE OF OWNERSHIP OR CONTROL								
Corporate	235	234	7,942	9,928	143,446,397	252,314,758	35,965,645	50,575,693
Noncorporate, total	350	319	1,229	1,429	8,438,629	8,385,658	3,824,537	4,144,230
Individual	240	(4)	858	(4)	5,716,792	(4)	2,609,392	(4)
Partnership	101	(4)	346	(4)	2,339,820	(4)	1,082,734	(4)
Cooperative	7	[5]	25		382,017		132,411	
Other	2							

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Because of changes in the questionnaire, no comparable figures for 1929 can be given for the first section of this table. For this reason, the items have been regrouped under "1939 and 1929" to present comparable figures so far as this can be done.
[4] No data.
[5] Figures for 1939 combined to avoid disclosing data for individual establishments; no data for 1929.

TABLE 8.—GENERAL STATISTICS FOR

This table presents separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments numbers of wage earners or larger values of

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Persons employed in manufacturing establishments [1]						
					Total [2]	Salaried officers of corporations [2]	Manufacturing		Distribution	Construction	Other
							Salaried employees [2]	Wage earners (average for year) [3]			
1		All industries, total	585	469	12,440	212	1,515	9,171	946	183	413
2	1	Beet sugar	5		844		102	732			10
3	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	88	95	712	12	46	524	113	1	16
4	13	Brick and hollow structural tile	7	4	85	3	5	75	2		
5	1	Candy and other confectionery products	3	3	6			6			
6	1	Canned and dried fruits and vegetables (including canned soups)	5	1	99	1	13	83			2
7	1	Cheese	6	5	14		3	11			
8	13	Concrete products	6	3	49		9	35	5		
9	1	Creamery butter	71	59	388	19	75	213	78	2	1
10	1	Flour and other grain-mill products	24	10	342	5	74	255	7		1
11	1	Food preparations, not elsewhere classified	4	5	17		2	12	3		
12	8	General commercial (job) printing	21	18	211	16	35	141	19		
13	1	Ice cream and ices	22	21	111	6	10	33	62		
14	1	Ice, manufactured	5	1	35	6	3	12	14		
15	5	Logging camps and logging contractors (not operating sawmills)	11	7	340	5	14	296	5	14	6
16	17	Machine-shop products, not elsewhere classified	3		96	7	12	68	7		2
17	17	Machine-shop repairs	7	7	38	3	3	32			
18	1	Malt liquors	8	1	223	17	20	145	37	3	1
19	1	Meat packing, wholesale	13	9	394	12	44	257	59	14	8
20	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	6	2	39	5	5	22	6	1	
21	8	Newspapers: publishing and printing	80	72	972	34	307	503	128		
22	1	Nonalcoholic beverages	29	24	162	8	32	60	60		2
23	8	Periodicals: publishing without printing	3		14	2	11		1		
24	10	Petroleum refining	28	15	875	20	118	439	255	40	3
25	5	Planing mills not operated in conjunction with sawmills	6	4	184	4	8	172			
26	1	Prepared feeds (including mineral) for animals and fowls	6	2	60		7	50	3		
27	12	Saddlery, harness, and whips	3	2	12	4	1	6	1		
28	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	4	3	7		1	5	1		
29	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	53	63	2,152	12	119	1,956	34	26	5
30	15	Sheet-metal work not specifically classified	6	4	43	1	6	34	2		
31	20	Signs, advertising displays, and advertising novelties	4	3	48	3	7	33	5		
32	6	Wood preserving	3		76		6	69	1		
33		Other industries [6]	58	36	3,988	11	426	3,074	39	82	356

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.
[2] Figures do not include data for personnel of central-administrative offices.
[3] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

THE STATE, BY INDUSTRIES: 1939

and gives statistics for the remaining industries in combination ("Other industries"). Certain of the industries for which combined figures are given, however, reported larger products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars 17,951,505	*Dollars* 776,654	*Dollars* 2,907,159	*Dollars* 12,148,428	*Dollars* 1,403,294	*Dollars* 270,868	*Dollars* 445,102	*Dollars* 112,094,844	*Dollars* 106,904,378	*Dollars* 2,411,058	*Dollars* 2,396,926	*Dollars* 382,482	*Dollars* 151,885,026	*Dollars* 39,790,182	1
1,138,290	----	200,514	890,185	----	16,753	30,838	7,389,818	7,082,775	299,402	7,641	----	10,780,455	3,390,637	2
851,040	26,962	75,645	623,274	107,474	360	17,325	1,877,551	1,782,431	47,972	47,148	----	4,020,290	2,142,739	3
104,233	4,500	8,850	85,447	4,500	936	----	49,739	14,418	28,560	4,838	1,923	196,198	146,459	4
(5)	----	----	(5)	----	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	5
69,380	2,400	15,723	47,187	----	----	4,070	202,653	196,139	4,198	2,316	----	320,658	118,005	6
14,810	----	3,690	11,120	----	----	----	90,288	87,044	2,393	851	----	114,602	24,314	7
60,105	----	10,256	44,000	5,849	----	----	92,584	89,277	1,585	1,722	----	241,282	148,698	8
452,583	59,735	90,388	210,866	86,704	1,885	3,005	3,309,675	3,215,174	36,304	58,141	56	4,248,762	939,087	9
488,406	6,600	128,359	342,230	11,097	----	120	4,528,486	4,418,193	20,214	90,079	----	6,254,698	1,726,212	10
12,190	----	3,000	7,590	1,600	----	----	28,860	27,933	641	286	----	48,887	20,027	11
311,663	44,980	40,750	202,679	23,254	----	----	329,506	307,040	2,197	9,632	10,637	804,601	475,095	12
152,570	15,835	11,844	38,244	86,647	----	----	408,763	374,562	7,359	26,842	----	763,200	354,437	13
55,374	17,026	4,788	17,775	15,785	----	----	17,523	5,030	2,474	10,019	----	91,813	74,290	14
455,460	53,339	19,876	355,582	1,200	22,079	3,384	259,276	139,060	29,275	----	90,941	914,453	655,177	15
134,288	19,350	17,997	82,822	13,579	----	540	112,901	105,092	3,519	4,290	----	286,280	173,379	16
65,656	14,808	3,360	47,488	----	----	----	52,999	48,076	1,207	3,716	----	228,245	175,246	17
498,082	71,952	61,033	279,267	80,002	4,463	1,365	693,106	640,358	30,990	21,758	----	2,091,234	1,398,128	18
591,143	58,165	77,248	337,364	94,977	15,775	7,614	3,809,947	3,750,312	29,272	30,363	----	4,731,496	921,549	19
44,907	11,474	4,595	23,924	4,907	7	----	15,330	12,444	796	2,090	----	85,590	70,260	20
1,585,792	96,652	533,088	771,692	184,360		----	641,206	552,857	14,507	42,130	31,712	3,196,483	2,555,277	21
199,689	21,600	38,614	59,781	72,277	----	7,417	432,467	415,856	7,182	9,429	----	975,574	543,107	22
14,649	6,000	7,319	----	1,330	----	----	18,722	747	----	----	17,975	41,185	22,463	23
1,545,831	112,584	205,012	717,383	443,614	65,664	1,574	9,083,683	8,729,004	313,229	41,450	----	13,461,015	4,377,332	24
(5)	(5)	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	25
65,612	----	12,610	49,697	3,305	----	----	374,118	359,398	6,554	8,166	----	557,340	183,222	26
13,163	5,057	910	6,416	780	----	----	23,664	23,146	174	344	----	45,496	21,832	27
(5)	----	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	28
2,802,927	67,235	255,645	2,354,641	69,185	48,445	7,776	2,818,559	2,677,320	26,599	19,874	94,766	6,429,983	3,611,424	29
57,654	5,415	11,580	34,807	5,852	----	----	208,009	204,892	787	1,402	928	402,900	194,891	30
82,867	15,764	9,645	46,911	10,547	----	----	52,909	50,075	1,123	1,711	----	219,207	166,298	31
118,687	----	10,929	106,558	1,200	----	----	785,928	764,856	15,518	5,554	----	1,030,084	244,156	32
5,964,454	39,221	1,043,891	4,353,498	73,269	94,501	360,074	74,386,574	70,830,869	1,477,027	1,945,134	133,544	89,303,015	14,916,441	33

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[6] For numbers of establishments and of wage earners in individual industries, see table 10.

TABLE 9.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939

COUNTY	Total	INDUSTRY GROUP																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
The State	585	297			1	70	7		109	9	28		3	25	4	14		11			7
Beaverhead	5	3							2												
Big Horn	6	5							1												
Blaine	8	4				1			2		1										
Broadwater	3	1				1			1												
Carbon	13	10							1		2										
Carter	1								1												
Cascade	46	26			1	1			9		1			3	1	3					1
Chouteau	1								1												
Custer	13	7							2				2	1		1					
Daniels	5	2							2									1			
Dawson	5	4							1												
Deer Lodge	13	3							1	3				3	1	2					
Fallon	2	1							1												
Fergus	13	6							3		2			2							
Flathead	46	15				19	1		7		2			1							1
Gallatin	26	18				4			3					1							
Garfield	1								1												
Glacier	15	5							2	1	5							2			
Granite	2					2															
Hill	14	8							2	1	1			1				1			
Jefferson	7	2				2			2	1											
Judith Basin	2	1							1												
Lake	16	6				7			3												
Lewis and Clark	34	16				4			7					4		2		1			
Liberty	1	1																			
Lincoln	12	6				5			1												
Madison	5	3							2												
Meagher	2	1							1												
Missoula	28	14				5			4		1			1		1		1			1
Musselshell	4	3							1												
Park	11	6				3			2												
Petroleum	2								1		1										
Phillips	4	3							1												
Ponderа	7	4							1		2										
Powder River	2	1							1												
Powell	5	3							1					1							
Prairie	1								1												
Ravalli	24	14				8			2												
Richland	8	6							1							1					
Roosevelt	8	5							3												
Rosebud	3	1							2												
Sanders	9	5				3	1														
Sheridan	3	2							1												
Silver Bow	60	30				2	3		9	1				5	2	1		4			3
Stillwater	5	3							1		1										
Sweet Grass	3	2							1												
Teton	3	2							1												
Toole	11	1							2		7					1					
Valley	10	5							4									1			
Wheatland	4	3							1												
Yellowstone	53	30				3	2		8	2	2		1	2		2					1

TABLE 10.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE: 1939

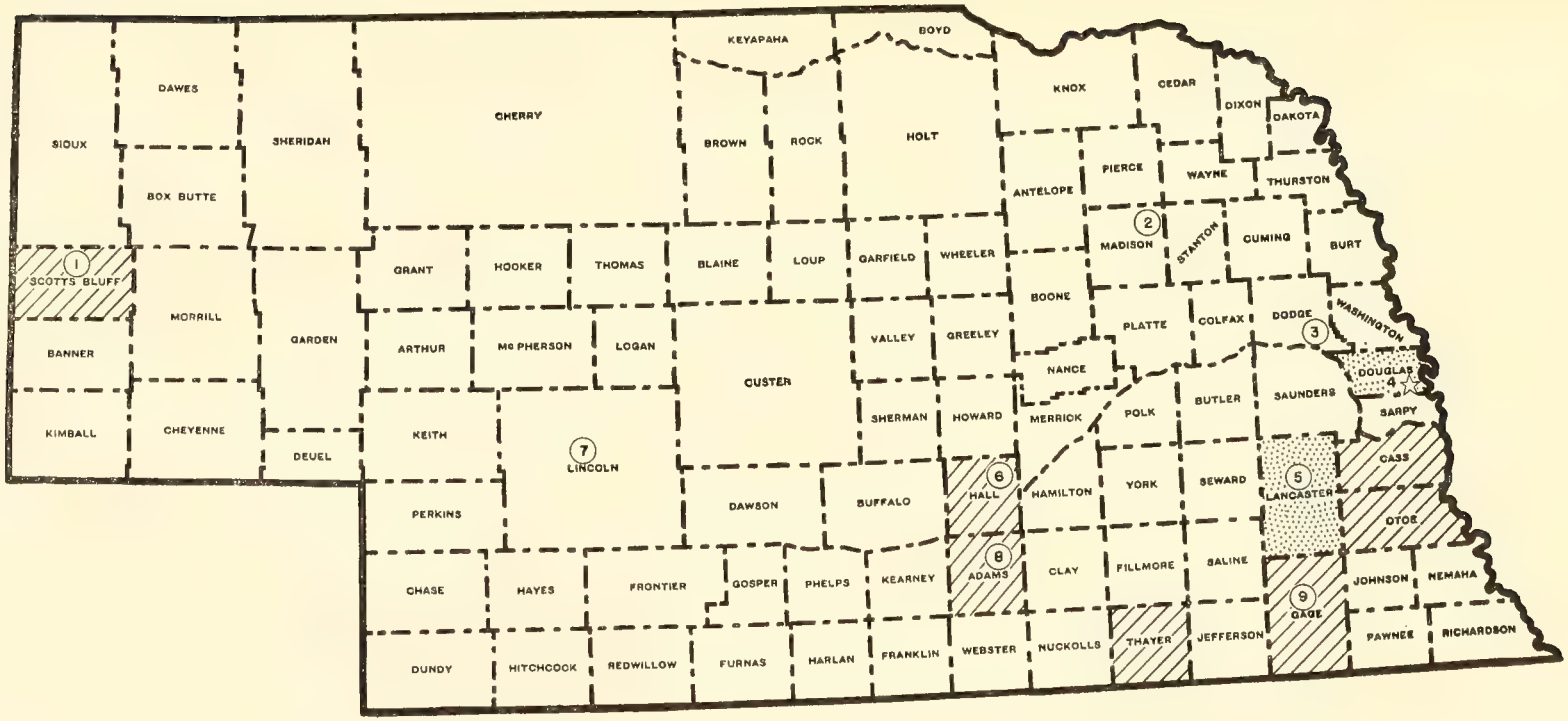
[In order to avoid disclosing data for individual establishments, wage-earner figures for industries represented by fewer than three establishments are withheld]

Group No.[1]	TITLE	Number of establishments	Wage earners
	STATE OF MONTANA		
1	Candy and other confectionery products	3	6
	Condensed and evaporated milk	1	-------
	Malt	1	-------
	Pickled fruits and vegetables and vegetable sauces and seasonings	1	-------
	Poultry dressing and packing, wholesale	1	-------
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	4	5
4	Fur coats and other fur garments, accessories, and trimmings	1	-------
5	Planing mills not operated in conjunction with sawmills	6	172
6	Caskets, coffins, burial cases, and other morticians' goods	1	-------
	Household furniture, except upholstered	1	-------
	Mattresses and bedsprings	1	-------
	Partitions, shelving, cabinet work, and office and store fixtures	1	-------
8	Books: printing without publishing	1	-------
	Newspapers: publishing without printing	1	-------
	Periodicals; publishing and printing	1	-------
	Photoengraving, not done in printing establishments (including preparation of plates)	2	-------
9	Chemicals not elsewhere classified	2	-------
	Cleaning and polishing preparations, blackings, and dressings	1	-------
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	2	-------
	STATE OF MONTANA—Continued		
9	Fertilizers	1	-------
	Hardwood distillation and charcoal manufacture	1	-------
	Lubricating oils and greases—not made in petroleum refineries	1	-------
	Paints, varnishes, and lacquers	1	-------
13	Cement	1	-------
	Gypsum products	1	-------
	Lime	2	-------
	Mineral wool	1	-------
	Nonclay refractories	1	-------
14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	1	-------
	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	2	-------
	Gray-iron and semisteel castings	1	-------
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	1	-------
	Jewelry (precious metals)	1	-------
	Primary smelting and refining of nonferrous metals	6	2,110
17	Elevators, escalators, and conveyors	1	-------
20	Brooms	1	-------
	Miscellaneous fabricated products not elsewhere classified	1	-------
	Sporting and athletic goods not elsewhere classified	1	-------

[1] For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and of industry groups, sec. 27.

NEBRASKA

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939



KEY TO PLACES

BEATRICE	9
FREMONT	3
GRAND ISLAND	6
HASTINGS	8
LINCOLN	5
NORFOLK	2
NORTH PLATTE	7
OMAHA	4
SCOTTSBLUFF	1

UNDER 250 WAGE EARNERS

250 TO 999 WAGE EARNERS

1,000 OR MORE WAGE EARNERS

PLACES OF 10,000 TO 99,999 POPULATION

PLACES OF 100,000 OR MORE POPULATION

Prepared by the Bureau of the Census, Department of Commerce

NEBRASKA

Table 1.—SUMMARY FOR THE STATE: 1939, 1937, AND 1929

CENSUS YEAR	Number of establishments	Proprietors and firm members	Number of persons employed in manufacturing [1]	Salaries and wages [1]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2]	Value of products [2]	Value added by manufacture [3]
1939	1,161	903	22,449	$28,123,351	$204,437,208	$273,524,581	$69,087,373
1937	1,071	728	24,489	31,175,166	215,077,144	282,502,287	67,425,143
1929	1,440	930	29,159	42,566,205	351,844,636	460,757,514	108,912,878

[1] Figure for 1939 does not include data for employees of manufacturing establishments (except salaried officers of corporations) who were engaged in distribution, construction, and other nonmanufacturing work. For detail, see table 8. It is not known to what extent data for such nonmanufacturing employees were included in figures reported for earlier years. See General Explanations—Persons engaged—general classification.

[2] The aggregates for cost of materials, etc., and value of products include large amounts of duplication due to the use of the products of some industries as materials by others. See General Explanations—Duplication in cost of materials and value of products.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See General Explanations—Value added by manufacture.

Table 2.—SUMMARY FOR COUNTIES AND PLACES: 1939

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
The State	1,315,834	[5] 1,161	18,807	$20,623,550	$204,437,208	$273,524,581	$69,087,373
COUNTIES [5]							
Adams	24,576	33	518	490,890	2,643,245	4,193,581	1,550,336
Antelope	13,289	9	21	14,748	229,001	307,166	78,165
Arthur [6]	1,045						
Banner [6]	1,403						
Blaine [6]	1,538						
Boone	12,127	6	11	7,038	45,003	77,865	32,862
Box Butte	10,736	13	56	48,756	568,710	845,184	276,474
Boyd [6]	6,060						
Brown	5,962	7	14	8,612	88,837	152,403	63,566
Buffalo	23,655	20	168	133,333	1,048,572	1,514,959	466,387
Burt	12,546	[illegible]	27	17,013	389,740	477,364	87,624
Butler	13,106	5	11	9,710	57,010	94,177	37,167
Cass	16,992	9	416	433,447	1,278,668	2,809,435	1,530,767
Cedar	15,126	5	12	10,310	27,461	56,087	28,626
Chase	5,310	4	3	2,180	34,963	56,921	21,958
Cherry	9,637	3	6	3,656	20,852	33,466	12,614
Cheyenne	9,505	11	30	29,569	139,201	226,162	86,961
Clay [7]	10,445	3	10				
Colfax	10,627	8	20	11,147	125,220	183,533	58,313
Cuming	13,562	5	13	8,861	31,465	66,320	34,855
Custer	22,591	9	18	13,967	76,199	140,429	64,230
Dakota [7]	9,836	2					
Dawes	10,128	18	39	38,859	421,669	637,836	216,167
Dawson	17,890	16	112	100,183	681,870	997,587	315,717
Deuel [6]	3,580						
Dixon [7]	10,413	2					
Dodge	23,799	31	246	206,762	1,856,848	2,748,468	891,620
Douglas	247,562	387	11,144	13,411,139	154,195,905	195,527,664	41,331,759
Dundy [7]	5,122	3	6				
Fillmore	11,417	5	21	16,170	85,772	144,421	58,649
Franklin	7,740	5	18	9,817	204,098	270,011	65,913
Frontier [7]	6,417	2					
Furnas [7]	10,098	5	46				
Gage	29,788	25	569	568,165	2,492,796	4,616,254	2,123,458
Garden [7]	4,680	2					
Garfield [7]	3,444	1					
Gosper [6]	3,687						
Grant [6]	1,327						
Greeley	6,845	4	10	7,066	125,734	154,396	28,662
Hall	27,523	26	379	409,918	2,634,823	4,085,492	1,450,669
Hamilton [7]	9,982	3	24				
Harlan	7,130	4	48	35,132	638,216	811,005	172,789
Hayes [6]	2,958						
Hitchcock	6,404	3	5	5,447	73,376	97,253	23,877
Holt	16,552	10	25	21,945	371,428	493,591	122,163
Hooker [7]	1,253	1					
Howard	8,422	6	15	9,565	60,776	86,745	25,969
Jefferson	15,532	14	175	123,079	1,059,590	1,447,894	388,304
Johnson	8,662	5	60	40,791	397,783	503,179	105,396
Kearney	6,854	6	26	28,944	73,216	174,195	100,979

See footnotes at end of table.

TABLE 2.—SUMMARY FOR COUNTIES AND PLACES: 1939—Continued

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
COUNTIES [5]—continued							
Keith	8,333	4	19	$17,920	$27,497	$80,479	$52,982
Kaya Paha [7]	3,235	1					
Kimball [7]	3,913	2					
Knox	16,478	10	30	26,382	301,839	407,395	105,556
Lancaster	100,585	125	1,675	1,765,117	7,884,653	14,946,363	7,061,710
Lincoln	25,425	18	94	$87,626	$478,645	$937,918	$459,273
Logan [6]	1,742						
Loup [6]	1,777						
McPherson [6]	1,175						
Madison	24,269	22	152	126,350	1,418,431	1,966,020	547,589
Merrick	9,354	9	64	36,471	581,698	705,947	124,249
Morrill [7]	9,436	3	88				
Nance [7]	7,653	3	10				
Nemaha	12,781	4	22	18,081	118,019	164,068	46,049
Nuckolls	10,446	11	155	175,705	1,219,243	2,119,845	900,602
Otoe	18,994	16	274	189,467	1,239,139	1,958,262	719,123
Pawnee	8,514	5	9	7,642	20,104	51,483	31,379
Perkins [7]	5,197	2					
Phelps	8,452	11	59	42,384	783,612	1,028,280	244,668
Pierce	10,211	4	19	11,708	268,293	328,907	60,614
Platte	20,191	17	109	90,364	592,713	948,748	356,035
Polk [6]	8,748						
Red Willow	11,951	10	57	55,294	370,085	599,016	228,931
Richardson	19,178	15	85	72,330	1,385,339	1,803,902	418,563
Rock [7]	3,977	3	6				
Saline	15,010	12	168	154,550	3,197,188	3,925,261	728,073
Sarpy	10,835	6	10	9,940	51,119	110,983	59,864
Saunders	17,892	13	105	88,976	1,080,668	1,420,744	340,076
Scotts Bluff	33,917	31	669	767,993	7,042,567	9,940,693	2,898,126
Seward	14,167	8	119	97,738	720,204	1,001,023	280,819
Sheridan	9,869	8	13	11,130	102,497	159,366	56,869
Sherman [7]	7,764	3	6				
Sioux [7]	4,001	1					
Stanton	6,887	4	10	7,756	63,592	104,958	41,366
Thayer	12,262	6	291	150,585	398,747	775,245	376,498
Thomas [6]	1,553						
Thurston [7]	10,243	1					
Valley	8,163	5	18	15,437	115,655	171,607	55,952
Washington	11,578	6	24	17,820	57,804	112,651	54,847
Wayne	9,880	5	21	18,984	129,289	184,352	55,063
Webster	8,071	3	6	3,013	33,917	50,308	16,391
Wheeler [6]	2,170						
York	14,874	10	61	54,552	153,226	275,297	122,071
Undistributed [8]		43	237	226,016	2,423,378	3,214,417	791,039
CITIES HAVING 10,000 OR MORE INHABITANTS							
Beatrice	10,883	18	397	384,574	1,466,800	2,824,987	1,358,187
Fremont	11,862	26	220	178,631	1,751,072	2,564,317	813,245
Grand Island	19,130	20	216	230,936	1,383,151	2,290,334	907,183
Hastings [9]	15,145	29	459				
Lincoln	81,984	119	1,522	1,606,945	7,491,278	14,169,033	6,677,755
Norfolk	10,490	15	131	110,644	1,099,034	1,579,952	480,918
North Platte [9]	12,429	15	65				
Omaha [10]	223,844	374	10,965	13,210,513	152,612,102	192,951,833	40,339,731
Scottsbluff	12,057	13	79	94,556	831,420	1,149,508	318,088

[1] Not including salaried officers and employees nor nonmanufacturing wage earners. The figure for each county or place is an average of the numbers reported for the several months of the year. In calculating it, equal weight must be given to full-time and to part-time wage earners (not reported separately by the manufacturers), and for this reason it exceeds the number that would have been required to perform the work done in the industries if all wage earners had been continuously employed throughout the year. The quotient obtained by dividing the amount of wages by the average number of wage earners cannot, therefore, be accepted as representing the average wage received by full-time wage earners. Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several counties do not add exactly to the average for the State. In making comparisons between the figures for 1939 and those for earlier years, the possibility that the proportion of part-time employment varied from year to year should be taken into account.

[2] Profits and losses cannot be calculated from the census figures because no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, and advertising.

[3] See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

[5] For numbers of establishments by "Industry groups," see table 9.

[6] No manufacturing reported.

[7] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Undistributed" figures.

[8] The "Undistributed" figure for number of establishments and a part of the "Undistributed" figure for number of wage earners are included above in the items for the respective counties. The sums of the figures in these two columns are, therefore, larger than the corresponding State totals.

[9] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments.

[10] After the publication of the pamphlet report for Nebraska, it was found that figures for the city of Omaha could have been shown in detail by industries, but no table is given in this report.

TABLE 3.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, BY SEX: 1939 AND 1929

[The 1939 questionnaire, for the first time, called for data on the *total* number of employees in manufacturing establishments, including those engaged wholly or chiefly in distribution, construction, and other nonmanufacturing activities. It is not known to what extent data for such employees were included in the figures reported for earlier years. This table presents detailed figures for employees receiving pay at any time within the *normal* pay-roll period ended nearest Oct. 14, 1939, and for such employees on the pay roll on Dec. 14, 1929, or on the nearest *representative* date. The total for "Wage earners engaged in manufacturing" is not identical with the average for the year (given in other tables) and differs from the number reported for October 1939 or for December 1929, because for both years some manufacturers gave wage-earner figures for months other than those specified. See GENERAL EXPLANATIONS—Persons engaged—general classification]

CLASS AND SEX	1939 (Oct. 14)[1]	1929 (Dec. 14)[1]
All classes, aggregate [2]	29,030	29,336
Male	24,080	24,316
Female	4,950	5,020
Salaried officers and employees, total	7,932	5,983
Male	6,199	4,307
Female	1,733	1,676
Salaried officers of corporations, total	581	702
Male	535	657
Female	46	45
All other employees (except wage earners in manufacturing), total	7,351	5,281
Male	5,664	3,650
Female	1,687	1,631
Salaried officers and employees—Continued.		
All other employees, etc.—Continued.		
Engaged in manufacturing:		
Male	2,163	(3)
Female	898	
Engaged in distribution:		
Male	3,196	
Female	735	
Engaged in construction:		
Male	173	
Engaged in other work:		
Male	132	
Female	54	
Wage earners engaged in manufacturing, total	21,098	23,353
Male	17,881	20,009
Female	3,217	3,344

[1] See headnote.
[2] Figures do not include data for 903 proprietors and firm members for 1939 and 930 for 1929, which were not reported by sex for 1939.
[3] No data.

TABLE 4.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS: 1939, 1937, AND 1929

The figures for 1939 relate to wage earners engaged in manufacturing only. It is not known to what extent the figures for earlier years include data for nonmanufacturing wage earners. See headnote to table 3]

CENSUS YEAR	Average number employed during year [1]	NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH—											
		January	February	March	April	May	June	July	August	September	October	November	December
1939	18,807	17,611	16,961	17,053	17,350	18,266	18,832	18,893	19,270	19,946	21,071	20,877	19,554
1937	19,590	18,376	18,235	18,615	19,030	19,738	20,236	19,929	19,842	19,946	21,092	20,877	19,170
1929	23,176	21,342	21,136	21,367	22,340	22,782	23,768	23,797	24,158	24,128	25,149	24,080	24,070

[1] See GENERAL EXPLANATIONS—Wage earners and wages.

TABLE 5.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY NUMBER OF WAGE EARNERS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS	VALUE ADDED BY MANUFACTURE [2]
	1939	1929	1939	1929	1939	1939
All establishments	1,161	1,440	18,807	23,176	$273,524,581	$69,087,373
No wage earners	51	66			938,362	421,010
1 to 5	661	860	1,730	2,209	17,672,827	7,136,347
6 to 20	284	335	3,042	3,418	32,649,277	11,856,612
21 to 50	100	108	3,150	3,449	32,426,278	9,972,724
51 to 100	36	39	2,525	2,784	36,251,594	11,419,780
101 to 250	23	22	3,467	3,232	45,236,105	14,406,842
251 to 500	2	5	[3] 1,059	3,118	14,675,329	2,870,928
501 to 1,000	1	2				
1,001 to 2,500	3	3	3,834	4,966	93,674,809	11,003,130

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Combined to avoid disclosing data for individual establishments.

TABLE 6.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY VALUE OF PRODUCTS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
All establishments	1,161	1,440	18,807	23,176	$273,524,581	$460,757,514	$69,087,373	$108,912,878
$5,000 to $19,999	471	631	1,095	1,399	5,049,598	6,893,014	2,928,936	4,389,916
$20,000 to $49,999	259	310	1,318	1,530	8,349,291	9,783,335	4,066,829	5,204,095
$50,000 to $99,999	156	181	1,510	1,634	10,923,486	12,796,135	4,844,293	6,318,775
$100,000 to $249,999	134	166	2,067	2,755	20,239,002	26,472,150	8,588,648	12,353,225
$250,000 to $499,999	62	64	2,028	2,456	21,940,473	22,809,511	6,693,343	9,521,579
$500,000 to $999,999	43	39	2,938	2,032	28,832,628	26,208,158	11,287,983	10,165,296
$1,000,000 to $2,499,999	26	28	2,896	2,539	38,117,407	43,576,792	12,112,069	14,025,091
$2,500,000 to $4,999,999	5	12	503	1,479	14,469,357	41,193,554	4,464,615	11,974,661
$5,000,000 and over	5	9	4,452	7,352	125,603,339	271,024,865	14,100,657	34,960,240

[1] See headnotes to tables 3 and 4.

[2] See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 7.—ESTABLISHMENTS CLASSIFIED AS UNDER CORPORATE OR OTHER FORM OF OWNERSHIP (OR CONTROL) AND AS UNDER CENTRAL-ADMINISTRATIVE-OFFICE OR INDEPENDENT OPERATION: 1939 AND 1929

TYPE OF OWNERSHIP OR CONTROL, AND OF OPERATION	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
Total	1,161	1,440	18,807	23,176	$273,524,581	$460,757,514	$69,087,373	$108,912,878
TYPE OF OPERATION								
1939 [3]								
Corporate ownership or control:								
Central-administrative-office (plural-unit)	208	(3)	10,126	(3)	195,797,565	(3)	37,886,163	(3)
Independent (single-unit)	300	(3)	5,874	(3)	53,666,921	(3)	21,467,724	(3)
Noncorporate ownership:								
Central-administrative-office (plural-unit)	35							
Independent (single-unit)	618	(3)	236	(3)	2,710,687	(3)	1,011,280	(3)
		(3)	2,571	(3)	21,349,408	(3)	8,722,206	(3)
1939 AND 1929 [3]								
Central-administrative-office (plural-unit), corporate and noncorporate	243	136	10,362	11,754	198,508,252	347,326,130	38,897,443	59,621,020
Independent (single-unit), corporate and noncorporate	918	1,304	8,445	11,422	75,016,329	113,431,384	30,189,930	49,291,858
TYPE OF OWNERSHIP OR CONTROL								
Corporate	508	576	16,000	19,562	249,464,486	431,529,230	59,353,887	96,006,005
Noncorporate, total	653	864	2,807	3,614	24,060,095	29,228,284	9,733,486	12,906,873
Individual	434	(4)	1,619	(4)	12,132,448	(4)	5,221,551	(4)
Partnership	185	(4)	1,061	(4)	9,488,913	(4)	4,136,347	(4)
Cooperative	30	(4)	116	(4)	2,366,924	(4)	339,584	(4)
Other	4	(4)	11	(4)	71,810	(4)	36,004	(4)

[1] See headnotes to tables 3 and 4.

[2] See GENERAL EXPLANATIONS—Value added by manufacture.

[3] Because of changes in the questionnaire, no comparable figures for 1929 can be given for the first section of this table. For this reason, the items have been regrouped under "1939 and 1929" to present comparable figures so far as this can be done.

[4] No data.

TABLE 8.—GENERAL STATISTICS FOR

[This table presents separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments, given, however, reported larger numbers of wage earners or

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1]						
					Total [2]	Salaried officers of corporations [2]	Manufacturing		Distribution	Construction	Other
							Salaried employees [2]	Wage earners (average for year) [3]			
1		All industries, total	1,161	903	26,739	581	3,061	18,807	3,931	173	186
2	17	Agricultural machinery (except tractors)	4	3	215	6	13	162	34		
3	1	Beet sugar	7		831		140	678			13
4	1	Biscuit, crackers, and pretzels	4	2	344	4	29	198	113		
5	8	Bookbinding and related industries	10	8	80	6	13	54	7		
6	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	139	143	2,103	17	116	1,635	277	14	44
7	13	Brick and hollow structural tile	9		218	6	14	189	1	8	
8	20	Brooms	5	7	354	2	26	313	13		
9	1	Candy and other confectionery products	5	3	102	2	13	69	18		
10	1	Canned and dried fruits and vegetables (including canned soups)	4		299	7	22	258	12		
11	4	Canvas products (except bags)	5	4	101	7	9	69	16		
12	19	Cars and car equipment—railroad, street, and rapid-transit	4		207		15	192			
13	6	Caskets, coffins, burial cases, and other morticians' goods	6	1	84	9	10	48	17		
14	9	Cleaning and polishing preparations, blackings, and dressings	7	8	17		2	11	4		
15	3	Cloth sponging and miscellaneous special finishing	3	3	8	1	1	6			
16	9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	4		47	4	7	32	4		
17	13	Concrete products	21	15	207	16	22	152	15	2	
18	1	Condensed and evaporated milk	4		18		3	15			
19	6	Cooperage	4		68		6	62			
20	1	Creamery butter	106	63	1,221	15	254	747	171	14	20
21	9	Drugs and medicines (including drug grinding)	16	4	434	33	42	199	158	2	
22	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	7	1	529	13	55	444	17		
23	1	Flour and other grain-mill products	63	55	1,097	44	109	593	305	30	16
24	1	Food preparations, not elsewhere classified	7	8	95	2	5	66	16		6
25	12	Footwear (except rubber)	3	2	140	5	5	119	11		
26	4	Fur coats and other fur garments, accessories, and trimmings	3	2	45	2	1	28	12	2	
27	8	General commercial (job) printing	79	71	930	56	133	628	110	3	
28	14	Gray-iron and semisteel castings	4	3	38	2	4	32			
29	9	Grease and tallow (except lubricating greases)	11	2	90	10	7	71		1	1
30	1	Ice cream and ices	31	26	354	3	31	126	182	3	9
31	1	Ice, manufactured	35	23	313	8	24	106	168	5	2
32	9	Insecticides, fungicides, and related industrial and household chemical compounds	4	4	10		2	4	4		
33	8	Machine and hand typesetting (including advertisement typesetting)	5	5	28	1	6	16	5		
34	17	Machine-shop products, not elsewhere classified	13	12	115	6	13	67	25		4
35	17	Machine-shop repairs	13	15	58	1	5	49	3		
36	1	Malt liquors	5		452	12	39	266	125	9	1
37	6	Mattresses and bedsprings	3	3	53		5	42	6		
38	1	Meat packing, wholesale	27	33	6,131	14	528	4,734	811	35	9
39	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	5	[illegible]	79	7	8	56	8		
40	18	Motor vehicles, motor-vehicle bodies, parts and accessories	4	4	17		1	16			
41	8	Newspapers: publishing and printing	146	160	1,928	45	509	965	409		
42	8	Newspapers: publishing without printing	3	5	9		9				
43	1	Nonalcoholic beverages	49	43	400	20	36	134	196	12	2
44	9	Paints, varnishes, and lacquers	4		37	7	5	11	14		
45	7	Paperboard containers and boxes not elsewhere classified	3	1	241	8	21	199	13		
46	6	Partitions, shelving, cabinet work, and office and store fixtures	6	2	277	5	15	205	52		
47	8	Periodicals: publishing and printing	9	5	195	11	67	98	19		
48	8	Periodicals: publishing without printing	10	2	42	3	37		2		
49	10	Petroleum refining	9	10	83	2	12	32	27	10	
50	8	Photoengraving, not done in printing establishments (including preparation of plates)	3	2	24	3	3	15	3		
51	5	Planing mills not operated in conjunction with sawmills	13	13	367	13	22	270	57		5
52	1	Poultry dressing and packing, wholesale	25	4	881	2	66	776	37		
53	14	Power boilers and associated products	4	4	103	5	12	82	4		
54	1	Prepared feeds (including mineral) for animals and fowls	24	22	341	5	44	235	54		3
55	17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	3	1	160	6	29	98	27		
56	12	Saddlery, harness, and whips	4	1	25	4		18	3		
57	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	3	3	74		13	35	26		
58	15	Sheet-metal work not specifically classified	10	3	232	12	25	173	22		
59	20	Signs, advertising displays, and advertising novelties	9	5	130	4	9	91	26		
60	20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	5	5	24	2	4	15	3		
61	4	Trousers (semidress), wash suits, and washable service apparel	4	1	62		5	49	7		1
62	6	Upholstered household furniture	10	10	209	4	13	184	8		
63	6	Wooden boxes except cigar boxes	3		75	2	5	67	1		

See footnotes at end of table.

THE STATE, BY INDUSTRIES: 1939

and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures are larger values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
34,898,295	2,474,805	5,024,996	20,623,550	6,134,832	397,670	242,442	204,437,208	199,806,258	2,240,541	1,804,077	586,332	273,524,581	69,087,373	1
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	2
(5)	----------	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	3
432,768	23,820	43,674	200,860	164,414	----------	----------	597,422	568,582	19,648	9,192	----------	1,316,439	719,017	4
108,875	23,922	14,831	54,300	15,822	----------	----------	70,702	67,224	1,539	1,828	111	258,370	187,668	5
2,504,995	98,500	195,193	1,786,006	351,883	30,250	43,163	4,370,182	4,138,624	140,051	91,507	----------	9,243,162	4,872,980	6
197,041	8,800	20,893	160,963	2,856	3,529	----------	148,769	48,053	75,076	25,640	----------	570,539	421,770	7
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	8
87,906	6,600	17,679	37,971	25,656	----------	----------	107,678	102,733	1,994	2,951	----------	222,367	114,689	9
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	10
99,018	19,200	9,905	50,156	19,757	----------	----------	107,529	104,968	989	1,572	----------	244,854	137,325	11
270,633	----------	24,841	245,792	----------	----------	----------	373,573	366,733	2,308	4,532	----------	704,807	331,234	12
113,513	32,880	11,235	45,433	23,965	----------	----------	217,580	213,997	1,852	1,731	----------	402,295	184,715	13
15,939	----------	1,307	10,472	4,160	----------	----------	127,665	125,979	868	818	----------	167,373	39,708	14
7,562	3,000	762	3,800	----------	----------	----------	48,678	48,159	273	246	----------	67,021	18,343	15
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	16
246,541	45,325	32,228	146,435	19,821	2,732	----------	784,243	768,214	6,756	9,273	----------	1,236,562	452,319	17
(5)	----------	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	18
58,543	----------	9,276	49,267	----------	----------	----------	392,027	388,171	720	3,136	----------	503,891	111,864	19
1,371,596	55,551	332,310	772,519	182,163	15,036	14,017	17,561,144	17,162,098	184,478	182,385	32,183	21,133,891	3,572,747	20
719,236	135,786	70,472	198,760	311,818	2,400	----------	1,263,015	1,245,444	8,242	8,879	450	3,272,009	2,008,994	21
684,756	70,079	72,589	476,872	65,216	----------	----------	1,764,762	1,705,481	14,536	42,745	2,000	2,810,365	1,045,603	22
1,391,236	168,673	178,896	644,554	336,315	46,512	16,286	13,539,057	13,269,416	56,109	213,532	----------	17,485,317	3,946,260	23
78,869	6,000	6,057	43,408	19,600	----------	3,804	361,603	354,636	3,278	3,689	----------	547,902	186,299	24
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	25
55,909	12,000	2,885	27,749	13,115	160	----------	42,222	38,598	290	1,634	1,700	138,161	95,939	26
1,457,750	246,569	225,793	780,806	201,003	3,579	----------	1,264,683	1,146,655	17,801	31,889	68,338	3,598,330	2,333,647	27
45,124	2,400	5,380	37,344	----------	----------	----------	31,052	24,115	5,500	1,437	----------	93,370	62,318	28
126,946	41,475	12,990	69,581	----------	1,200	1,700	188,103	150,424	23,698	13,981	----------	504,056	315,953	29
340,768	6,508	38,398	118,478	165,257	1,816	10,311	802,185	726,950	19,125	56,110	----------	1,620,016	817,831	30
337,107	20,373	34,349	109,068	168,638	1,465	3,214	153,033	37,420	29,378	83,953	2,282	816,391	663,358	31
6,598	----------	1,411	2,985	2,202	----------	----------	21,842	21,444	217	181	----------	36,577	14,735	32
48,712	9,797	9,127	19,791	9,997	----------	----------	14,047	7,112	629	1,326	4,980	86,875	72,828	33
158,796	14,934	11,845	84,882	45,326	----------	1,809	239,134	232,550	2,840	3,723	21	512,944	273,810	34
76,675	3,000	5,563	64,339	3,773	----------	----------	48,122	42,904	1,628	3,590	----------	201,492	153,370	35
767,192	112,400	85,388	315,698	243,624	9,074	1,008	896,593	824,380	55,368	16,845	----------	2,908,435	2,011,842	36
46,386	----------	8,222	30,665	7,499	----------	----------	143,325	141,078	300	1,947	----------	265,790	122,465	37
9,156,784	66,408	1,165,883	6,449,742	1,398,440	50,515	25,796	103,782,129	102,942,116	451,587	373,698	14,728	117,743,576	13,961,447	38
105,117	19,674	10,546	61,127	13,770	----------	----------	106,027	96,363	1,600	8,064	----------	320,653	214,626	39
16,783	----------	1,770	15,013	----------	----------	----------	21,465	20,298	177	990	----------	48,305	26,840	40
3,150,321	261,916	696,670	1,159,474	845,204	187,057	----------	1,745,211	1,519,772	39,389	79,703	106,347	8,217,052	6,471,841	41
9,332	----------	9,332	----------	----------	----------	----------	20,592	460	64	60	20,008	44,103	23,511	42
466,669	49,970	49,490	106,853	256,465	2,691	1,200	989,384	955,718	13,859	19,657	150	2,355,502	1,366,118	43
70,144	24,756	10,096	13,457	21,835	----------	----------	115,853	112,968	888	1,997	----------	233,598	117,745	44
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	45
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	46
242,534	43,686	70,815	90,920	37,113	----------	----------	132,030	122,438	3,395	5,088	1,109	606,336	474,306	47
59,440	9,630	44,400	----------	5,410	----------	----------	234,163	3,786	----------	----------	230,377	335,045	100,882	48
68,825	6,000	11,366	30,986	14,623	5,850	----------	712,481	685,476	25,244	1,761	----------	843,805	131,324	49
53,979	6,760	3,378	32,276	11,565	----------	----------	15,504	10,683	----------	1,471	3,350	98,587	83,083	50
505,180	63,800	52,675	292,535	90,807	----------	5,363	657,917	638,193	7,038	12,686	----------	1,339,977	682,060	51
627,426	6,320	107,816	469,214	44,076	----------	----------	7,564,979	7,524,793	16,095	24,091	----------	8,807,209	1,242,230	52
153,780	21,460	21,264	105,525	5,531	----------	----------	170,307	161,242	1,567	4,696	2,802	485,588	315,281	53
377,844	11,407	73,678	216,661	73,997	----------	2,101	3,252,199	3,157,082	37,730	57,387	----------	4,341,159	1,088,960	54
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	55
27,448	5,763	----------	19,396	2,289	----------	----------	34,044	33,124	531	389	----------	76,290	42,246	56
(5)	----------	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	57
291,524	44,110	36,546	166,988	43,880	----------	----------	859,190	847,548	3,621	7,294	727	1,614,530	755,340	58
191,241	15,160	19,286	116,522	40,273	----------	----------	106,423	98,609	2,336	3,175	2,303	431,448	325,025	59
24,401	2,815	2,955	15,198	3,433	----------	----------	18,021	17,637	124	260	----------	56,545	38,524	60
25,414	----------	3,407	15,006	6,298	----------	703	89,759	88,677	419	663	----------	91,332	1,573	61
223,540	18,499	16,546	169,861	18,634	----------	----------	602,716	596,154	2,122	4,440	----------	935,701	332,985	62
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	63

TABLE 8.—GENERAL STATISTICS FOR THE

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1]						
					Total [2]	Salaried officers of corporations	Manufacturing		Distribution	Construction	Other
							Salaried employees [2]	Wage earners (average for year) [3]			
1		Other industries [6]	162	84	6,022	142	661	4,687	446	23	63
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]									
2	1	Food and kindred products	28	9	1,698	15	215	1,349	94	6	19
3	4	Apparel and other finished products made from fabrics and similar materials	14	7	381	12	55	294	19	1	
4	6	Furniture and finished lumber products	16	4	410	14	24	317	55	..	
5	7	Paper and allied products	8	1	387	14	33	309	31	...	
6	8	Printing, publishing, and allied industries	11	10	185	4	48	107	26	...	
7	9	Chemicals and allied products	11	1	168	14	22	101	31		
8	13	Stone, clay, and glass products	11	5	510	9	38	417	38	4	4
9	14	Iron and steel and their products, except machinery	7	8	249	8	27	202	6	6	..
10	16	Electrical machinery	6	6	103	2	10	86	5	..	..
11	17	Machinery (except electrical)	18	7	853	25	83	612	100	..	33
12	20	Miscellaneous industries	14	15	599	7	39	537	16		....
13	10	Products of petroleum and coal	2	11	479	18	67	356	25	6	7
	11	Rubber products	2								
	12	Leather and leather products	5								
	15	Nonferrous metals and their products	9								

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.

[2] Figures do not include data for personnel of central-administrative offices.

[3] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
7, 193, 579	629, 079	1, 133, 578	4, 487, 842	797, 309	33, 804	111, 967	37, 526, 844	36, 100, 979	957, 264	376, 235	92, 366	53, 528, 639	16, 001, 795	1
2, 042, 685	87, 394	405, 732	1, 355, 948	125, 389	7, 472	60, 750	9, 964, 169	9, 402, 608	481, 588	79, 973	----	14, 188, 294	4, 224, 125	2
424, 656	36, 062	100, 324	258, 443	28, 926	901	----	1, 562, 152	1, 545, 374	5, 411	3, 181	8, 186	2, 161, 900	599, 748	3
478, 394	76, 075	30, 633	284, 681	87, 005	----	----	744, 905	720, 683	3, 320	20, 549	353	1, 665, 180	920, 275	4
523, 857	116, 030	60, 179	274, 772	72, 876	----	----	995, 528	973, 012	10, 435	11, 549	532	1, 916, 493	920, 965	5
240, 791	13, 125	53, 659	111, 853	62, 154	----	----	406, 949	317, 130	3, 140	8, 282	78, 397	895, 893	488, 944	6
303, 681	53, 835	38, 538	109, 717	101, 591	----	----	1, 139, 413	1, 086, 172	18, 368	34, 873	----	1, 884, 393	744, 980	7
729, 537	32, 505	93, 500	504, 151	83, 928	12, 389	3, 064	1, 068 537	616, 441	313, 964	138, 132	----	3, 219, 894	2, 151, 357	8
253, 616	48, 143	33, 551	160, 870	7, 964	3, 088	----	404, 497	392, 589	5, 065	6, 843	----	942, 586	538, 089	9
110, 262	4, 200	9, 603	92, 410	4, 049	----	----	343, 314	330, 505	3, 500	9, 309	----	539, 169	195, 855	10
1, 058, 011	88, 336	117, 262	634, 643	180, 634	----	37, 136	1, 382, 888	1, 330, 711	25, 628	22, 480	4, 069	3, 498, 550	2, 115, 662	11
386, 831	20, 582	43, 157	312, 479	10, 613	----	----	636, 992	624, 748	4, 684	7, 560	----	1, 476, 918	839, 926	12
641, 258	52, 792	147, 440	387, 875	32, 180	9, 954	11, 017	18, 877, 500	18, 761, 006	82, 161	33, 504	829	21, 139, 369	2, 261, 869	13

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[6] For numbers of establishments and of wage earners in individual industries, see table 10.

TABLE 9.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939

COUNTY	Total	INDUSTRY GROUP																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
The State	1,161	548		3	26	13	39	8	276	53	11	2	9	46	22	19	6	44	4	4	28
Adams	33	13		1	1	1	1		4					4		2	1	5			
Antelope	9	7							2												
Boone	6	3							3												
Box Butte	13	8							1		3		1								
Brown	7	6							1												
Buffalo	20	11							5					1			1	2			
Burt	8	4							4												
Butler	5	3							2												
Cass	9	4							1					3						1	
Cedar	5	2							3												
Chase	4	2							2												
Cherry	3	2							1												
Cheyenne	11	8							1		1							1			
Clay	3	2							1												
Colfax	8	4							4												
Cuming	5	4							1												
Custer	9	5							4												
Dakota	2	1					1														
Dawes	18	10							4	1	3										
Dawson	16	12							4												
Dixon	2								2												
Dodge	31	16			1				7	3				2	1			1			
Douglas	387	119		1	18	3	30	7	80	30	2	2	5	21	15	11	3	16	3	3	18
Dundy	3	2							1												
Fillmore	5	3							2												
Franklin	5	3							1	1											
Frontier	2	2																			
Furnas	5	3							2												
Gage	25	14					1		5					1	1	2		1			
Garden	2	1							1												
Garfield	1	1																			
Greeley	4	4																			
Hall	26	17				1			4	2				1				1			
Hamilton	3	1							2												
Harlan	4	3							1												
Hitchcock	3	2																1			
Holt	10	7							3												
Hooker	1					1															
Howard	6	4							1												1
Jefferson	14	8							4					1				1			
Johnson	5	3							1	1											
Kearney	6	2							2									1			1
Keith	4	2							1								1				
Kaya Paha	1	1																			
Kimball	2	1							1												
Knox	10	6							2									2			
Lancaster	125	37			5	3	4	1	41	7			2	8	3	3		5	1		5
Lincoln	18	13							4												1
Madison	22	17							4									1			
Merrick	9	6							2									1			
Morrill	3	1							2												
Nance	3	2							1												
Nemaha	4	3							1												
Nuckolls	11	7					1		1	1				1							
Otoe	16	12			1				2					1							
Pawnee	5	3							2												
Perkins	2	1							1												
Phelps	11	7							2									2			
Pierce	4	3							1												
Platte	17	10				1			3	1			1					1			
Red Willow	10	7							1	1											1
Richardson	15	13							2												
Rock	3	2							1												
Saline	12	8					1		2						1						
Sarpy	6	1							3	2											
Saunders	13	7				1			3	1						1					
Scotts Bluff	31	21				1			5	1	1			1	1						
Seward	8	5				1			2												
Sheridan	8	5							2		1										
Sherman	3	2							1												
Sioux	1								1												
Stanton	4	1							1	1								1			
Thayer	6	2							2					1							1
Thurston	1								1												
Valley	5	4							1												
Washington	6	3							3												
Wayne	5	3							2												
Webster	3	1		1					1												
York	0	5							4									1			

TABLE 10.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS FOR THE STATE AND FOR ALL INDUSTRIES FOR THE CITY OF OMAHA—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS: 1939

[In order to avoid disclosing data for individual establishments, wage-earner figures for industries represented by fewer than three establishments are withheld]

Group No.[1]	TITLE	Number of establishments	Wage earners
	STATE OF NEBRASKA		
1	Beet sugar	7	678
	Blended and prepared flour made from purchased flour	1	
	Canned and dried fruits and vegetables (including canned soups)	4	258
	Cereal preparations	2	
	Cheese	1	
	Condensed and evaporated milk	4	15
	Flavoring extracts and flavoring sirups, not elsewhere classified	2	
	Macaroni, spaghetti, vermicelli, and noodles	2	
	Pickled fruits and vegetables and vegetable sauces and seasonings	2	
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	3	35
4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	1	
	Dress and semidress gloves and mittens: Cloth, cloth and leather combined	1	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	1	
	Men's and boys' hats and caps (except felt and straw)	1	
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	2	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	1	
	Men's neckwear—made in inside factories or by jobbers engaging contractors	2	
	Miscellaneous fabricated textile products, not elsewhere classified	1	
	Textile bags—not made in textile mills	1	
	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories	1	
	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	1	
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	1	
6	Baskets for fruits and vegetables	1	
	Household furniture, except upholstered	2	
	Partitions, shelving, cabinet work, and office and store fixtures	6	205
	Public-building furniture	1	
	Venetian blinds	1	
	Window shades	1	
	Wooden boxes except cigar boxes	3	67
	Wood products not elsewhere classified	1	
7	Coated and glazed paper	1	
	Converted paper products not elsewhere classified	1	
	Die-cut paper and paperboard, and converted cardboard	1	
	Envelopes	2	
	Paperboard containers and boxes not elsewhere classified	3	199
8	Books: printing without publishing	2	
	Books: publishing and printing	2	
	Books: publishing without printing	2	
	Electrotyping and sterotyping, not done in printing establishments	1	
	Engraving (steel, copperplate, and wood); plate printing	2	
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	2	
9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	4	32
	Fertilizers	1	
	Lubricating oils and greases—not made in petroleum refineries	1	
	Perfumes, cosmetics, and other toilet preparations	2	
	Soap and glycerin	1	
	Soybean oil, cake, and meal	2	
10	Fuel briquets	2	
11	Rubber products not elsewhere classified	2	
12	Boot and shoe cut stock and findings	1	
	Footwear (except rubber)	3	119
	Industrial leather belting and packing leather	1	
13	Cement	2	
	Minerals and earths, ground or otherwise treated	2	
	Mineral wool	1	
	Mirrors and other glass products made of purchased glass	1	
	Pottery products not elsewhere classified	1	
	Statuary and art goods (except stone and concrete)—factory production	1	
	Steam and other packing; pipe and boiler covering	1	
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	2	
	STATE OF NEBRASKA—Continued		
14	Automobile stampings	1	
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	1	
	Hardware not elsewhere classified	1	
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	1	
	Tin cans and other tinware not elsewhere classified	1	
	Tools (except edge tools, machine tools, files, and saws)	1	
	Wirework not elsewhere classified	1	
15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	2	
	Electroplating, plating, and polishing	1	
	Engraving on metal (except for printing purposes)	1	
	Jewelry (precious metals)	2	
	Nonferrous-metal foundries (except aluminum)	1	
	Nonferrous-metal products not elsewhere classified	1	
	Primary smelting and refining of nonferrous metals	1	
16	Automotive electrical equipment	1	
	Batteries, storage and primary (dry and wet)	2	
	Electrical products not elsewhere classified	1	
	Radios, radio tubes, and phonographs	2	
17	Agricultural machinery (except tractors)	4	162
	Commercial laundry, dry-cleaning, and pressing machinery	2	
	Construction and similar machinery (except mining and oil-field machinery and tools)	1	
	Food-products machinery	2	
	Industrial machinery, not elsewhere classified	1	
	Internal-combustion engines	1	
	Measuring and dispensing pumps	2	
	Pumping equipment and air compressors	2	
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	3	98
20	Brooms	5	313
	Brushes	2	
	Dental equipment and supplies	1	
	Feathers, plumes, and artificial flowers	1	
	Hand stamps, stencils, and brands	2	
	Miscellaneous fabricated products not elsewhere classified	1	
	Models and patterns (except paper patterns)	2	
	CITY OF OMAHA[2]		
1	Biscuit, crackers, and pretzels	4	198
	Blended and prepared flour made from purchased flour	1	
	Bread and other bakery products (except biscuit, crackers, and pretzels)	36	989
	Cereal preparations	2	
	Condensed and evaporated milk	1	
	Creamery butter	7	169
	Flavoring extracts and flavoring sirups, not elsewhere classified	2	
	Flour and other grain-mill products	3	190
	Food preparations, not elsewhere classified	4	36
	Ice cream and ices	7	40
	Ice, manufactured	7	36
	Macaroni, spaghetti, vermicelli, and noodles	1	
	Malt liquors	3	236
	Meat packing, wholesale	13	4,509
	Nonalcoholic beverages	9	50
	Pickled fruits and vegetables and vegetable sauces and seasonings	2	
	Poultry dressing and packing, wholesale	5	147
	Prepared feeds (including mineral) for animals and fowls	4	64
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	2	
3	Cloth sponging and miscellaneous special finishing	1	
4	Canvas products (except bags)	2	
	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	1	
	Fur coats and other fur garments, accessories, and trimmings	2	
	Men's and boys' hats and caps (except felt and straw)	1	
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	1	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	1	
	Men's neckwear—made in inside factories or by jobbers engaging contractors	2	
	Miscellaneous fabricated textile products not elsewhere classified	1	
	Textile bags—not made in textile mills	1	
	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories	1	
	Trousers (semidress), wash suits, and washable service apparel	4	49
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	1	

See footnote at end of table.

TABLE 10.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS FOR THE STATE AND FOR ALL INDUSTRIES FOR THE CITY OF OMAHA—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS: 1939—Con.

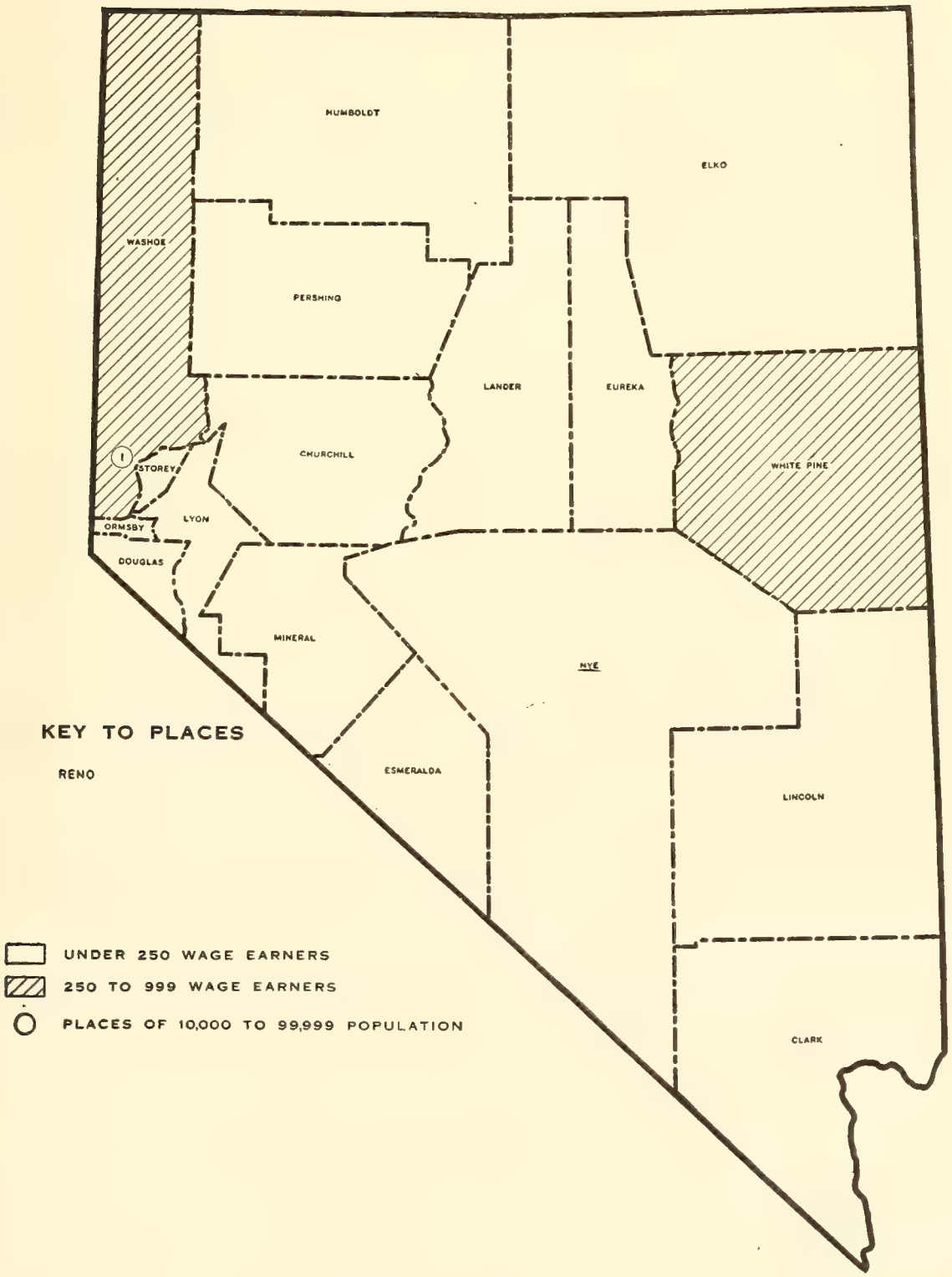
Group No.[1]	TITLE	Number of establishments	Wage earners
	CITY OF OMAHA[2]—Continued		
5	Planing mills not operated in conjunction with sawmills	3	93
6	Baskets for fruits and vegetables	1	
	Caskets, coffins, burial cases, and other morticians' goods	4	35
	Cooperage	3	58
	Household furniture, except upholstered	2	
	Mattresses and bedsprings	3	42
	Partitions, shelving, cabinet work, and office and store fixtures	5	60
	Upholstered household furniture	7	55
	Window shades	1	
	Wooden boxes except cigar boxes	3	68
	Wood products not elsewhere classified	1	
7	Coated and glazed paper	1	
	Converted paper products not elsewhere classified	1	
	Die-cut paper and paperboard, and converted cardboard	1	
	Envelopes	2	
	Paperboard containers and boxes not elsewhere classified	2	
8	Bookbinding and related industries	5	24
	Books: publishing without printing	1	
	Electrotyping and stereotyping, not done in printing establishments	1	
	Engraving (steel, copperplate, and wood); plate printing	2	
	General commercial (job) printing	46	336
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	2	
	Machine and hand typesetting (including advertisement typesetting)	3	9
	Newspapers: publishing and printing	8	287
	Newspapers: publishing without printing	3	
	Periodicals: publishing and printing	3	25
	Periodicals: publishing without printing	3	
	Photoengraving, not done in printing establishments (including preparation of plates)	2	
9	Cleaning and polishing preparations, blackings, and dressings	5	10
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	4	32
	Drugs and medicines (inlcuding drug grinding)	8	54
	Fertilizers	1	
	Insecticides, fungicides, and related industrial and household chemical compounds	2	
	Lubricating oils and greases—not made in petroleum refineries	1	
	Paints, varnishes, and lacquers	3	9
	Perfumes, cosmetics, and other toilet preparations	2	
	Soap and glycerin	1	
	Soybean oil, cake, and meal	1	
10	Fuel briquets	2	
12	Boot and shoe cut stock and findings	1	
	Footwear (except rubber)	2	
	Industrial leather belting and packing leather	1	
	Saddlery, harness, and whips	1	
13	Concrete products	9	82
	Minerals and earths, ground or otherwise treated	1	
	Mineral wool	1	
	Mirrors and other glass products made of purchased glass	1	
	CITY OF OMAHA[2]—Continued		
13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	4	36
	Statuary and art goods (except stone and concrete)—factory production	1	
	Steam and other packing; pipe and boiler covering	1	
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	1	
14	Automobile stampings	1	
	Fabricated structural steel and ornamental metalwork, made in plants not operated in connection with rolling mills	5	368
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	1	
	Gray-iron and semisteel castings	2	
	Power boilers and associated products	3	73
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	1	
	Tin cans and other tinware not elsewhere classified	1	
	Wirework not elsewhere classified	1	
15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	1	
	Electroplating, plating, and polishing	1	
	Engraving on metal (except for printing purposes)	1	
	Jewelry (precious metals)	2	
	Nonferrous-metal foundries (except aluminum)	1	
	Nonferrous-metal products not elsewhere classified	1	
	Primary smelting and refining of nonferrous metals	1	
	Sheet-metal work not specifically classified	3	88
16	Automotive electrical equipment	1	
	Batteries, storage and primary (dry and wet)	1	
	Radios, radio tubes, and phonographs	1	
17	Commercial laundry, dry-cleaning, and pressing machinery	2	
	Construction and similar machinery (except mining and oil-field machinery and tools)	1	
	Food-products machinery	1	
	Industrial machinery, not elsewhere classified	1	
	Machine-shop products, not elsewhere classified	5	36
	Machine-shop repairs	5	34
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	1	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	3	14
19	Cars and car equipment—railroad, street, and rapid-transit	3	48
20	Brooms	1	
	Brushes	2	
	Dental equipment and supplies	1	
	Feathers, plumes, and artificial flowers	1	
	Hand stamps, stencils, and brands	2	
	Miscellaneous fabricated products not elsewhere classified	1	
	Models and patterns (except paper patterns)	2	
	Signs, advertising displays, and advertising novelties	4	38
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	4	15

[1] For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and of industry groups, sec. 27.

[2] See footnote 10, table 2.

NEVADA

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939



Prepared by the Bureau of the Census, Department of Commerce

NEVADA

Table 1.—SUMMARY FOR THE STATE: 1939, 1937, AND 1929

Census year	Number of establishments	Proprietors and firm members	Number of persons employed in manufacturing [1]	Salaries and wages [1]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2]	Value of products [2]	Value added by manufacture [3]
1939	105	78	1,327	$2,151,292	$8,854,207	$20,581,713	$11,727,506
1937	84	52	1,262	2,059,474	9,638,239	20,568,365	10,930,126
1929	104	70	1,207	2,032,722	24,071,502	29,707,627	5,636,125

[1] Figure for 1939 does not include data for employees of manufacturing establishments (except salaried officers of corporations) who were engaged in distribution, construction, and other nonmanufacturing work. For detail, see table 8. It is not known to what extent data for such nonmanufacturing employees were included in figures reported for earlier years. See General Explanations—Persons engaged—general classification.

[2] The aggregates for cost of materials, etc., and value of products include large amounts of duplication due to the use of the products of some industries as materials by others. See General Explanations—Duplication in cost of materials and value of products.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See General Explanations—Value added by manufacture.

Table 2.—SUMMARY FOR COUNTIES AND PLACES: 1939

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2] [3]	Value of products [2] [3]	Value added by manufacture [4]
The State	110,247	[5] 105	1,093	$1,642,397	$8,854,207	$20,581,713	$11,727,506
COUNTIES [5]							
Churchill	5,317	6	30	30,678	345,301	461,022	115,721
Clark	16,414	10	157	199,190	229,835	686,411	456,576
Douglas [6]	2,056	3	15	..	..	..	..
Elko	10,912	6	15	19,691	33,395	99,034	65,639
Esmeralda [6]	1,554	2	..	..	..	..	..
Eureka [7]	1,361	..	..	..	..	..	..
Humboldt	4,743	1	10	9,710	32,062	76,307	44,245
Lander [7]	1,745	..	..	..	..	..	..
Lincoln [7]	4,130	2	..	..	..	..	..
Lyon	4,076	4	7	10,690	198,184	230,888	32,704
Mineral [6]	2,342	2	..	..	..	..	..
Nye	3,606	3	11	14,370	16,111	61,089	44,978
Ormsby [6]	3,209	3	8	..	..	..	..
Pershing	2,713	3	3	5,229	15,523	32,570	17,047
Storey [6]	1,216	1	..	..	..	..	..
Washoe	32,476	50	511	690,854	3,116,117	5,315,550	2,199,433
White Pine [6]	12,377	6	321	..	..	..	..
Undistributed [8]	..	19	349	661,985	4,867,679	13,618,842	8,751,163
PLACES HAVING 10,000 OR MORE INHABITANTS							
Reno	21,317	38	323	447,429	2,112,792	3,636,548	1,523,756

[1] Not including salaried officers and employees nor nonmanufacturing wage earners. The figure for each county or place is an average of the numbers reported for the several months of the year. In calculating it, equal weight must be given to full-time and to part-time wage earners (not reported separately by the manufacturers), and for this reason it exceeds the number that would have been required to perform the work done in the industries if all wage earners had been continuously employed throughout the year. The quotient obtained by dividing the amount of wages by the average number of wage earners cannot, therefore, be accepted as representing the average wage received by full-time wage earners. Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several counties do not add exactly to the average for the State. In making comparisons between the figures for 1939 and those for earlier years, the possibility that the proportion of part-time employment varied from year to year should be taken into account.

[2] Profits and losses cannot be calculated from the census figures because no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, and advertising.

[3] See General Explanations—Duplication in cost of materials and value of products.

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See General Explanations—Value added by manufacture.

[5] For numbers of establishments by "Industry groups," see table 9.

[6] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Undistributed" figures.

[7] No manufacturing reported.

[8] The "Undistributed" figure for number of establishments and a part of the "Undistributed" figure for number of wage earners are included above in the items for the respective counties. The sums of the figures in these two columns are, therefore, larger than the corresponding State totals.

Table 3.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, BY SEX: 1939 AND 1929

[The 1939 questionnaire, for the first time, called for data on the *total* number of employees in manufacturing establishments, including those engaged wholly or chiefly in distribution, construction, and other nonmanufacturing activities. It is not known to what extent data for such employees were included in the figures reported for earlier years. This table presents detailed figures for employees receiving pay at any time within the *normal* pay-roll period ended nearest Oct. 14, 1939, and for such employees on the pay roll on Dec. 14, 1929, or on the nearest *representative* date. The total for "Wage earners engaged in manufacturing" is not identical with the average for the year (given in other tables), and differs from the number reported for October 1939 or for December 1929, because for both years some manufacturers gave wage-earner figures for months other than those specified. See General Explanations—Persons engaged—general classification]

Class and sex	1939 [1] (Oct. 14)	1929 [1] (Dec. 14)
All classes, aggregate [2]	1,634	1,185
Male	1,526	1,118
Female	108	67
Salaried officers and employees, total	465	250
Male	388	204
Female	77	46
Salaried officers of corporations, total	31	28
Male	29	25
Female	2	3
All other employees (except wage earners in manufacturing), total	434	222
Male	359	179
Female	75	43
Salaried officers and employees—Continued.		
All other employees, etc.—Continued.		
Engaged in manufacturing:		
Male	159	(3)
Female	44	
Engaged in distribution:		
Male	143	
Female	31	
Engaged in construction:		
Male	15	
Engaged in other work:		
Male	42	
Female	..	
Wage earners engaged in manufacturing, total	1,169	935
Male	1,138	914
Female	31	21

[1] See headnote. [2] Figures do not include data for 78 proprietors and firm members for 1939 and 70 for 1929, which were not reported by sex for 1939. [3] No data.

Table 4.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS: 1939, 1937, AND 1929

[The figures for 1939 relate to wage earners engaged in manufacturing only. It is not known to what extent the figures for earlier years include data for nonmanufacturing wage earners. See headnote to table 3]

CENSUS YEAR	Average number employed during year [1]	NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH—											
		January	February	March	April	May	June	July	August	September	October	November	December
1939	1,093	973	980	1,050	1,028	1,077	1,108	1,122	1,150	1,264	1,203	1,093	1,073
1937	1,012	957	949	1,022	1,014	1,009	1,087	1,085	1,078	1,036	1,061	965	885
1929	957	947	952	969	979	992	994	970	965	967	955	925	860

[1] See General Explanations—Wage earners and wages.

Table 5.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY NUMBER OF WAGE EARNERS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS	VALUE ADDED BY MANUFACTURE [2]
	1939	1929	1939	1929	1939	1939
All establishments	105	104	1,093	957	$20,581,713	$11,727,506
No wage earners	7	7			56,437	27,069
1 to 5	66	66	156	161	1,869,508	880,771
6 to 20	22	24	250	268	2,246,640	1,285,267
21 to 50	6	4	192		1,561,439	372,399
51 to 100	2	2	[3] 495	528	14,847,689	9,162,000
101 to 250	1					
251 to 500	1	1				

See headnotes to tables 3 and 4. [2] See General Explanations—Value added by manufacture. [3] Combined to avoid disclosing data for individual establishments.

Table 6.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY VALUE OF PRODUCTS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
All establishments	105	104	1,093	957	$20,581,713	$29,707,627	$11,727,506	$5,636,125
$5,000 to $19,999	48	47	84	85	518,444	467,872	300,422	314,711
$20,000 to $49,999	20	23	89	82	620,971	695,474	414,557	423,088
$50,000 to $99,999	15	11	116	90	1,036,482	775,150	553,701	458,682
$100,000 to $249,999	12	17	143	247	1,736,979	2,856,555	772,477	1,191,170
$250,000 to $499,999	7	3		141		994,034		525,494
$500,000 to $999,999	1							
$1,000,000 to $2,499,999	1	[3] 3	[3] 661	312	16,668,837	23,918,542	9,686,349	2,722,980
$2,500,000 to $4,999,999								
$5,000,000 and over	1							

[1] See headnotes to tables 3 and 4. [2] See General Explanations—Value added by manufacture. [3] Combined to avoid disclosing data for individual establishments.

Table 7.—ESTABLISHMENTS CLASSIFIED AS UNDER CORPORATE OR OTHER FORM OF OWNERSHIP (OR CONTROL) AND AS UNDER CENTRAL-ADMINISTRATIVE-OFFICE OR INDEPENDENT OPERATION: 1939 AND 1929

TYPE OF OWNERSHIP OR CONTROL, AND OF OPERATION	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
Total	105	104	1,093	957	$20,581,713	$29,707,627	$11,727,506	$5,636,125
TYPE OF OPERATION								
1939 [3]								
Corporate ownership or control:								
Central-administrative-office (plural-unit)	12	(3)	551	(3)	14,574,296	(3)	9,343,353	(3)
Independent (single-unit)	33	(3)	335	(3)	3,687,440	(3)	1,474,198	(3)
Noncorporate ownership:								
Central-administrative-office (plural unit)	1	(3)	207	(3)	2,319,977	(3)	909,955	(3)
Independent (single-unit)	59							
1939 and 1929 [3]								
Central-administrative-office (plural-unit), corporate and noncorporate	13	14	[4] 1,093	561	[4] 20,581,713	25,179,449	[4] 11,727,506	3,573,263
Independent (single-unit), corporate and noncorporate	92	90		396		4,528,178		2,062,862
TYPE OF OWNERSHIP OR CONTROL								
Corporate	45	45	886	744	18,261,736	27,646,349	10,817,551	4,454,966
Noncorporate, total	60	59	207	213	2,319,977	2,061,278	909,955	1,181,159
Individual	43	(5)	150	(5)	1,512,111	(5)	633,798	(5)
Partnership	15	[6]	57		807,866		276,157	
Cooperative	2							

[1] See headnotes to tables 3 and 4. [2] See General Explanations—Value added by manufacture.
[3] Because of changes in the questionnaire, no comparable figures for 1929 can be given for the first section of this table. For this reason, the items have been regrouped under "1939 and 1929" to present comparable figures so far as this can be done.
[4] Combined to avoid disclosing data for individual establishments. [5] No data.
[6] Figures for 1939 combined to avoid disclosing data for individual establishments; no data for 1929.

TABLE 8.—GENERAL STATISTICS FOR

[This table presents separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments, numbers of wage earners or larger values of

	Group No.	INDUSTRY	Number of establishments	Proprietors and firm members	PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1]						
					Total [2]	Salaried officers of corporations [2]	Manufacturing		Distribution	Construction	Other
							Salaried employees [2]	Wage earners (average for year) [3]			
1		All industries, total	105	78	1,558	31	203	1,093	174	15	42
2	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	19	24	127		7	90	25	.	5
3	1	Creamery butter	5	4	82		9	57	13	3	
4	1	Ice, manufactured	4		72	1	6	25	10	..	30
5	1	Meat packing, wholesale	5	5	135	4	3	93	21	10	4
6	8	Newspapers: publishing and printing	23	18	197	8	76	81	32	.. .	....
7	1	Nonalcoholic beverages	8	5	69	5	6	23	34	1	..
8	5	Planing mills not operated in conjunction with sawmills	5	2	113	2	5	103	3	.....	
9		Other industries [4]	36	20	765	11	91	623	36	1	3

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.
[2] Figures do not include data for personnel of central-administrative offices.
[3] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

THE STATE, BY INDUSTRIES: 1939

and gives statistics for the remaining industries in combination ("Other industries"). Certain of the industries for which combined figures are given, however, reported larger products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total [4]	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products [4]	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
2,484,445	100,016	408,879	1,642,397	276,719	21,984	34,450	8,854,207	7,064,452	749,650	212,643	827,462	20,581,713	11,727,506	1
162,007	----------	9,709	125,690	22,304	----------	4,304	307,469	285,395	12,742	9,040	292	620,791	313,322	2
117,665	----------	13,955	60,058	39,031	4,621	----------	789,746	777,126	6,256	6,364	----------	946,776	157,030	3
93,083	7,000	14,620	30,456	15,975	----------	25,032	24,409	4,051	----------	20,358	----------	187,956	163,547	4
181,307	15,875	7,382	102,407	39,695	13,676	2,272	1,284,172	1,264,326	7,831	12,015	----------	1,539,716	255,544	5
350,654	20,473	124,338	147,227	58,616	----------	----------	143,405	122,203	3,559	13,006	4,637	803,922	660,517	6
94,840	12,131	9,806	24,447	47,097	1,359	----------	154,307	148,567	1,828	3,912	----------	365,498	211,191	7
151,606	9,000	9,689	128,417	4,500	----------	----------	523,404	509,677	----------	13,727	----------	766,742	243,338	8
1,333,283	35,537	219,380	1,023,695	49,501	2,328	2,842	5,627,295	3,953,107	717,434	134,221	822,533	15,350,312	9,723,017	9

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] For numbers of establishments and of wage earners in individual industries, see table 10.

TABLE 9.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939

COUNTY	Total	INDUSTRY GROUP																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
The State	105	51			1	6	1		29	2				6	2	3		3			1
Churchill	6	4							2												
Clark	10	5							3					1				1			
Douglas	3	2							1												
Elko	6	3							3												
Esmeralda	2	1							1												
Humboldt	4	3							1												
Lincoln	2								2												
Lyon	4	3							1												
Mineral	2	1							1												
Nye	3	1							1									1			
Ormsby	3	1							2												
Pershing	3	2							1												
Storey	1								1												
Washoe	50	23			1	6	1		7	2				4	2	2		1			1
White Pine	6	2							2					1		1					

TABLE 10.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE: 1939

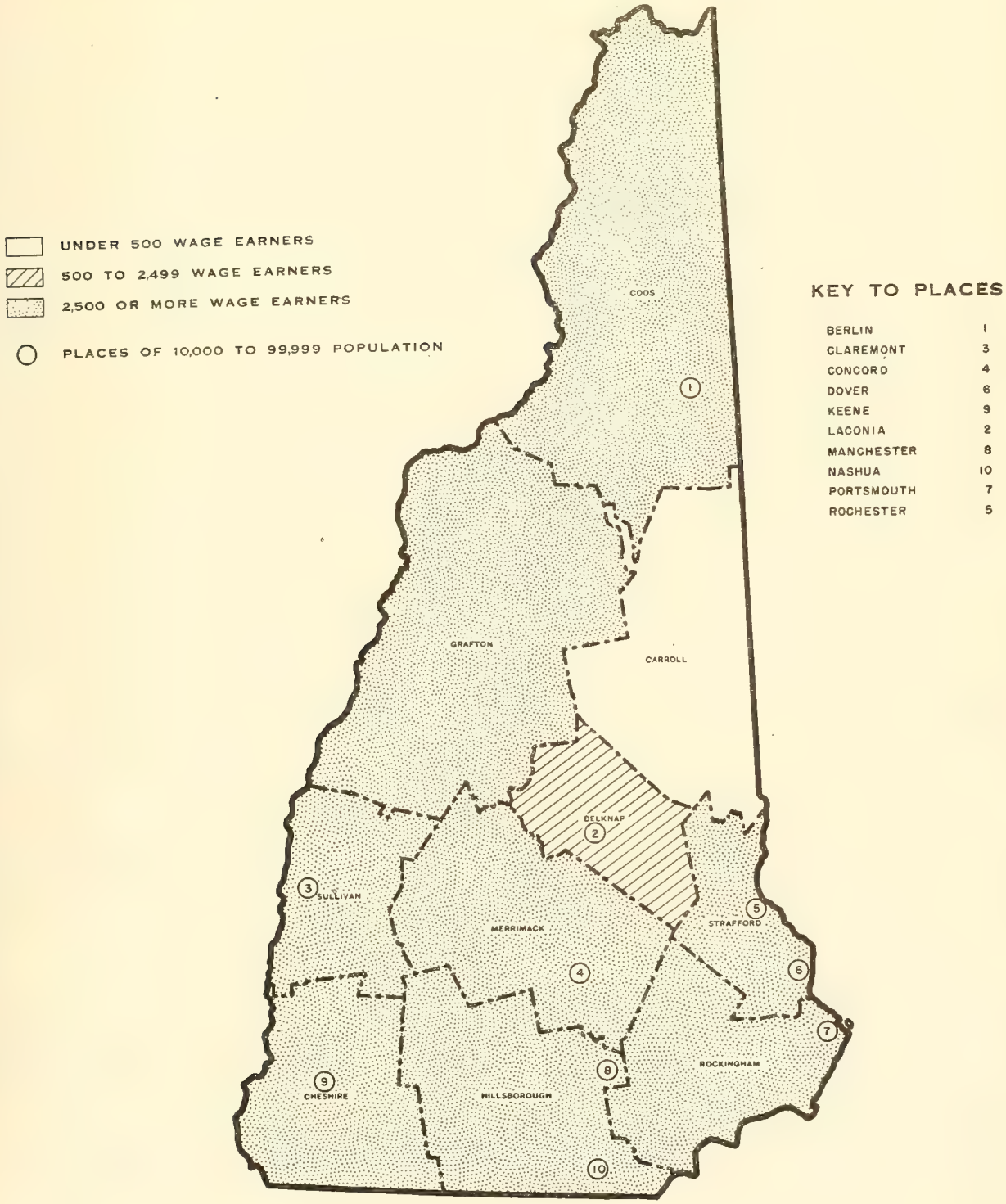
[In order to avoid disclosing data for individual establishments, wage-earner figures for industries represented by fewer than three establishments are withheld]

Group No.[1]	TITLE	Number of establishments	Wage earners
	STATE OF NEVADA		
1	Flour and other grain-mill products	1	
	Food preparations, not elsewhere classified	2	
	Ice cream and ices	2	
	Malt liquors	2	
	Prepared feeds (including mineral) for animals and fowls	2	
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	1	
4	Canvas products (except bags)	1	
5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	1	
6	Mattresses and bedsprings	1	
8	General commercial (job) printing	5	26
	Photoengraving, not done in printing establishments (including preparation of plates)	1	
	STATE OF NEVADA—Continued		
9	Grease and tallow (except lubricating greases)	1	
	Soap and glycerin	1	
13	Brick and hollow structural tile	1	
	Clay refractories, including refractory cement (clay)	1	
	Concrete products	1	
	Gypsum products	1	
	Lime	2	
14	Gray-iron and semisteel castings	1	
	Power boilers and associated products	1	
15	Jewelry (precious metals)	1	
	Primary smelting and refining of nonferrous metals	1	
	Sheet-metal work not specifically classified	1	
17	Machine-shop products, not elsewhere classified	2	
	Machine-shop repairs	1	
20	Signs, advertising displays, and advertising novelties	1	

[1] For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and of industry groups, see 27.

NEW HAMPSHIRE

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939



Prepared by the Bureau of the Census, Department of Commerce

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NEW HAMPSHIRE

TABLE 1.—SUMMARY FOR THE STATE: 1939, 1937, AND 1929

CENSUS YEAR	Number of establishments	Proprietors and firm members	Number of persons employed in manufacturing [1]	Salaries and wages [1]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2]	Value of products [2]	Value added by manufacture [3]
1939	806	446	60,374	$63,219,223	$132,208,206	$237,396,015	$105,187,809
1937	794	433	61,336	65,707,353	144,323,198	249,631,724	105,308,526
1929	1,057	708	70,310	83,834,240	182,434,988	327,408,562	144,973,574

[1] Figure for 1939 does not include data for employees of manufacturing establishments (except salaried officers of corporations) who were engaged in distribution, construction, and other nonmanufacturing work. For detail, see table 8. It is not known to what extent data for such nonmanufacturing employees were included in figures reported for earlier years. See GENERAL EXPLANATIONS—Persons engaged—general classification.

[2] The aggregates for cost of materials, etc., and value of products include large amounts of duplication due to the use of the products of some industries as materials by others. See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 2.—SUMMARY FOR COUNTIES AND PLACES: 1939

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2] [3]	Value of products [2] [3]	Value added by manufacture [4]
The State	491,524	[5] 806	55,781	$52,735,240	$132,208,206	$237,396,015	$105,187,809
COUNTIES [6]							
Belknap	24,328	50	2,178	2,199,818	2,395,408	6,892,650	4,497,242
Carroll [6]	15,589	30	372	[7]	[7]	[7]	[7]
Cheshire	34,953	81	4,119	4,064,438	7,667,600	16,796,473	9,128,873
Coos [6]	39,274	39	2,894	[7]	[7]	[7]	[7]
Grafton	44,645	69	2,735	2,405,925	6,937,879	11,938,736	5,000,857
Hillsborough	144,888	245	22,284	20,966,306	60,409,318	103,897,512	43,488,194
Merrimack	60,710	89	4,578	4,432,523	9,603,628	17,688,625	8,084,997
Rockingham	58,142	91	4,932	4,194,388	8,608,086	16,586,435	7,978,349
Strafford	43,553	82	8,754	7,770,657	17,271,537	32,253,622	14,982,085
Sullivan	25,442	30	2,934	2,814,230	5,659,847	11,360,600	5,700,753
Undistributed [7]		69	3,266	3,886,955	13,654,903	19,981,362	6,326,459
PLACES HAVING 10,000 OR MORE INHABITANTS							
Berlin [6]	19,084	17	1,865	[7]	[7]	[7]	[7]
Claremont	12,144	12	1,938	1,965,496	3,961,229	8,245,985	4,284,756
Concord	27,171	36	1,415	1,678,169	3,153,896	6,441,867	3,287,971
Dover	14,990	25	3,225	2,822,507	6,614,839	11,676,629	5,061,790
Keene	13,832	35	1,862	1,791,730	2,440,775	6,458,959	4,018,184
Laconia	13,484	27	1,567	1,750,328	1,454,747	4,994,154	3,539,407
Manchester	77,685	144	11,898	10,701,747	31,995,421	52,587,341	20,591,920
Nashua	32,927	56	8,232	8,311,920	22,977,422	42,326,207	19,348,785
Portsmouth	14,821	17	730	653,560	1,401,597	2,899,180	1,497,583
Rochester	12,012	18	1,521	1,326,594	2,822,451	5,327,440	2,504,989

[1] Not including salaried officers and employees nor nonmanufacturing wage earners. The figure for each county or place is an average of the numbers reported for the several months of the year. In calculating it, equal weight must be given to full-time and to part-time wage earners (not reported separately by the manufacturers), and for this reason it exceeds the number that would have been required to perform the work done in the industries if all wage earners had been continuously employed throughout the year. The quotient obtained by dividing the amount of wages by the average number of wage earners cannot, therefore, be accepted as representing the average wage received by full-time wage earners. Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several counties do not add exactly to the average for the State. In making comparisons between the figures for 1939 and those for earlier years, the possibility that the proportion of part-time employment varied from year to year should be taken into account.

[2] Profits and losses cannot be calculated from the census figures because no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, and advertising.

[3] See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

[5] For numbers of establishments by "Industry groups," see table 9.

[6] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Undistributed" figures.

[7] The "Undistributed" figure for number of establishments and a part of the "Undistributed" figure for number of wage earners are included above in the items for the respective counties. The sums of the figures in these two columns are, therefore, larger than the corresponding State totals.

[8] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments.

TABLE 3.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, BY SEX: 1939 AND 1929

[The 1939 questionnaire, for the first time, called for data on the *total* number of employees in manufacturing establishments, including those engaged wholly or chiefly in distribution, construction, and other nonmanufacturing activities. It is not known to what extent data for such employees were included in the figures reported for earlier years. This table presents detailed figures for employees receiving pay at any time within the *normal* pay-roll period ended nearest Oct. 14, 1939, and for such employees on the pay roll on Dec. 14, 1929, or on the nearest *representative* date. The total for "Wage earners engaged in manufacturing" is not identical with the average for the year (given in other tables), and differs from the number reported for October 1939 or for December 1929, because for both years some manufacturers gave wage-earner figures for months other than those specified. See GENERAL EXPLANATIONS—Persons engaged—general classification]

CLASS AND SEX	1939 (Oct. 14)[1]	1929 (Dec. 14)[1]
All classes, aggregate[2]	65,328	70,302
Male	44,673	47,724
Female	20,655	22,578
Salaried officers and employees, total	5,826	5,588
Male	3,886	3,815
Female	1,940	1,773
Salaried officers of corporations, total	573	633
Male	538	572
Female	35	61
All other employees (except wage earners in manufacturing), total	5,253	4,955
Male	3,348	3,243
Female	1,905	1,712
Salaried officers and employees—Continued.		
All other employees, etc.—Continued.		
Engaged in manufacturing:		
Male	2,439	(3)
Female	1,581	
Engaged in distribution:		
Male	748	
Female	312	
Engaged in construction:		
Male	123	
Engaged in other work:		
Male	38	
Female	12	
Wage earners engaged in manufacturing, total	59,502	64,714
Male	40,787	43,909
Female	18,715	20,805

[1] See headnote.
[2] Figures do not include data for 446 proprietors and firm members for 1939 and 708 for 1929, which were not reported by sex for 1939.
[3] No data.

TABLE 4.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS: 1939, 1937, AND 1929

[The figures for 1939 relate to wage earners engaged in manufacturing only. It is not known to what extent the figures for earlier years include data for nonmanufacturing wage earners. See headnote to table 3]

CENSUS YEAR	Average number employed during year[1]	NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH—											
		January	February	March	April	May	June	July	August	September	October	November	December
1939	55,781	56,453	58,682	57,733	55,006	52,444	53,335	54,302	56,757	56,498	57,202	55,571	55,391
1937	56,517	58,156	59,968	60,756	59,872	58,785	57,653	57,400	58,074	56,696	53,249	47,768	49,828
1929	64,722	64,518	64,843	64,313	64,190	64,397	65,291	65,192	65,076	66,183	66,582	63,722	62,359

[1] See GENERAL EXPLANATIONS—Wage earners and wages.

TABLE 5.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY NUMBER OF WAGE EARNERS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS	VALUE ADDED BY MANUFACTURE [2]
	1939	1929	1939	1929	1939	1939
All establishments	806	1,057	55,781	64,722	$237,396,015	$105,187,809
No wage earners	19	20			356,440	138,065
1 to 5	217	407	686	1,241	4,351,286	2,238,753
6 to 20	231	255	2,610	2,964	12,384,327	6,414,066
21 to 50	109	152	3,636	4,900	15,973,877	7,255,650
51 to 100	85	72	6,170	5,175	24,703,069	12,370,585
101 to 250	82	103	12,887	16,208	54,828,283	24,050,942
251 to 500	49	30	17,271	10,130	73,392,806	29,428,862
501 to 1,000	11	11	12,521	7,785	51,405,927	23,290,886
1,001 to 2,500	3	5		16,320		
2,501 or more		2	...			

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Combined to avoid disclosing data for individual establishments.

TABLE 6.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY VALUE OF PRODUCTS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
All establishments	806	1,057	55,781	64,722	$237,396,015	$327,408,562	$105,187,809	$144,973,574
$5,000 to $19,999	224	387	958	1,268	2,535,293	4,319,087	1,512,138	2,723,579
$20,000 to $49,999	173	189	1,672	1,733	5,330,926	6,163,388	3,182,814	3,845,208
$50,000 to $99,999	96	140	2,077	2,722	6,807,280	9,903,553	3,976,260	5,918,103
$100,000 to $249,999	118	118	5,798	4,619	19,918,230	19,499,815	10,402,215	10,545,056
$250,000 to $499,999	72	91	6,518	6,995	25,125,922	31,949,577	12,797,449	15,373,787
$500,000 to $999,999	66	63	12,274	10,297	48,804,330	43,624,944	21,331,847	20,608,933
$1,000,000 to $2,499,999	43	48	15,243	13,136	68,650,058	76,005,246	29,924,640	30,899,489
$2,500,000 to $4,999,999	11	12	[3] 11,241	7,206	[3] 60,223,976	44,291,616	[3] 22,060,446	18,689,973
$5,000,000 and over	3	9		16,746		91,651,336		36,369,446

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Combined to avoid disclosing data for individual establishments.

TABLE 7.—ESTABLISHMENTS CLASSIFIED AS UNDER CORPORATE OR OTHER FORM OF OWNERSHIP (OR CONTROL) AND AS UNDER CENTRAL-ADMINISTRATIVE-OFFICE OR INDEPENDENT OPERATION: 1939 AND 1929

TYPE OF OWNERSHIP OR CONTROL, AND OF OPERATION	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
Total	806	1,057	55,781	64,722	$237,396,015	$327,408,562	$105,187,809	$144,973,574
TYPE OF OPERATION								
1939 [3]								
Corporate ownership or control:								
Central-administrative-office (plural-unit)	175	(3)	28,414	(3)	129,829,404	(3)	54,012,072	(3)
Independent (single-unit)	301	(3)	22,949	(3)	90,532,051	(3)	42,781,628	(3)
Noncorporate ownership:								
Central-administrative-office (plural-unit)	26	(3)	1,061	(3)	4,155,327	(3)	1,632,212	(3)
Independent (single-unit)	304	(3)	3,357	(3)	12,879,233	(3)	6,761,897	(3)
1939 AND 1929 [3]								
Central-administrative-office (plural-unit), corporate and noncorporate	201	180	29,475	39,240	133,984,731	219,048,939	55,644,284	88,950,575
Independent (single-unit), corporate and noncorporate	605	877	26,306	25,482	103,411,284	108,359,623	49,543,525	56,022,999
TYPE OF OWNERSHIP OR CONTROL								
Corporate	476	460	51,363	54,878	220,361,455	285,823,075	96,793,700	125,001,038
Noncorporate, total	330	597	4,418	9,844	17,034,560	41,585,487	8,394,109	19,972,536
Individual	232	(4)	2,236	(4)	7,947,179	(4)	4,230,811	(4)
Partnership	95	(4)	2,157	(4)	8,997,557	(4)	4,118,853	(4)
Cooperative	1	[5]	25		89,824		44,445	
Other	2							

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Because of changes in the questionnaire, no comparable figures for 1929 can be given for the first section of this table. For this reason, the items have been regrouped under "1939 and 1929" to present comparable figures so far as this can be done.
[4] No data.
[5] Figures for 1939 combined to avoid disclosing data for individual establishments; no data for 1929.

TABLE 8.—GENERAL STATISTICS FOR

[This table presents separate figures for each industry, for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments, given, however, reported larger numbers of wage earners or

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS[1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year)[3]	Distribution	Construction	Other
1		All industries, total	806	446	61,607	573	4,020	55,781	1,060	123	50
2	8	Bookbinding and related industries	4	5	114	4	19	72	19		
3	8	Books: printing without publishing	3	4	36	1	5	30			
4	12	Boot and shoe cut stock and findings	31	12	1,668	22	115	1,505	24	1	1
5	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	60	51	882	13	47	716	72	7	27
6	13	Brick and hollow structural tile	7	2	157	9	12	124	6	6	
7	20	Brushes	4	2	151	2	24	122	3		
8	6	Caskets, coffins, burial cases, and other morticians' goods	5	4	111	2	14	87	8		
9	2	Cigars	3	3	558	3	26	503	26		
10	9	Cleaning and polishing preparations, blackings, and dressings	5		56	3	15	29	9		
11	6	Cooperage	4	1	276		12	264			
12	3	Cotton broad woven goods	8	2	6,593	6	237	6,301	49		
13	3	Cotton narrow fabrics	6	8	264	2	20	240	2		
14	3	Cotton yarn	4	1	181	4	21	154	2		
15	14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	5	4	288	5	26	254	3		
16	9	Drugs and medicines (including drug grinding)	3	4	34	2	3	16	13		
17	16	Electrical measuring instruments	3	3	190	2	9	172	7		
18	6	Excelsior	4	1	89	3	7	76	3		
19	12	Footwear (except rubber)	70	6	19,716	80	1,006	18,528	97	5	
20	20	Games and toys (except dolls and children's vehicles)	5	2	220	7	27	179	7		
21	8	General commercial (job) printing	28	24	866	11	72	762	21		
22	14	Gray-iron and semisteel castings	9	4	177	5	12	159	1		
23	3	Hosiery—seamless	7	4	499	8	26	465			
24	4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	3	1	69	2	9	58			
25	6	Household furniture, except upholstered	13	9	801	9	68	704	17	2	1
26	1	Ice cream and ices	12	13	68	1	12	36	19		
27	12	Industrial leather belting and packing leather	3		224	10	25	172	13	4	
28	9	Insecticides, fungicides, and related industrial and household chemical compounds	3	2	54	3	9	29	13		
29	12	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	3		500		43	457			
30	5	Logging camps and logging contractors (not operating sawmills)	6	4	178		8	170			
31	17	Machine-shop products, not elsewhere classified	6	5	56	2	6	48			
32	17	Machine-shop repairs	3	4	14		2	12			
33	6	Mattresses and bedsprings	3	2	43	2	6	34	1		
34	13	Minerals and earths, ground or otherwise treated	4		121	6	13	96	6		
35	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	7	8	153	8	12	132	1		
36	20	Needles, pins, hooks and eyes, and slide and snap fasteners	3		367	4	19	341	3		
37	8	Newspapers: publishing and printing	35	22	599	21	157	345	75	1	
38	1	Nonalcoholic beverages	24	20	159	5	18	74	60		2
39	15	Nonferrous-metal foundries (except aluminum)	4	2	26	2	2	22			
40	7	Paper and paperboard mills	22		2,562	33	195	2,272	17	45	
41	7	Paperboard containers and boxes not elsewhere classified	7	1	146	4	19	114	9		
42	17	Paper-mill, pulp-mill, and paper-products machinery	6	1	319	14	27	242	36		
43	8	Periodicals: publishing without printing	4		50	4	43		3		
44	5	Planing mills not operated in conjunction with sawmills	16	13	505	14	26	412	46	1	6
45	1	Prepared feeds (including mineral) for animals and fowls	5	2	89	5	15	44	23	2	
46	17	Printing-trades machinery and equipment	3		212	3	46	157	6		
47	7	Pulp mills	4		1,201		54	1,136		11	
48	3	Rayon broad woven goods—regular factories or jobbers engaging contractors	5		1,254	7	55	1,170	22		
49	3	Rayon narrow fabrics	5	4	104	4	7	90	2	1	
50	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	6	4	79	5	5	56	12		1
51	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	112	91	1,489	16	50	1,409	10	3	1
52	20	Sporting and athletic goods not elsewhere classified	3	2	65	1	1	57	5	1	
53	20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	3	2	12	2	1	9			
54	17	Textile machinery	8	1	1,219	21	131	1,061	4	2	
55	6	Upholstered household furniture	3	4	172	1	11	149	11		
56	6	Wooden boxes except cigar boxes	16	8	1,025	12	58	937	11	7	
57	6	Wood products not elsewhere classified	28	19	1,048	11	66	959	12		
58	3	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	34	11	6,194	52	317	5,811	14		
59	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	5	10	245	2	25	205	9	1	3

See footnotes at end of table.

THE STATE, BY INDUSTRIES: 1939

and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures are larger values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
65,578,327	3,348,895	7,135,088	52,735,240	2,124,835	177,537	56,732	132,208,206	125,242,960	3,785,852	2,221,240	958,154	237,396,015	105,187,809	1
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	2
48,937	7,240	5,030	36,667	----	----	----	29,295	24,382	301	2,382	2,230	113,450	84,155	3
1,780,281	107,380	195,121	1,399,605	73,804	2,691	1,680	9,601,250	9,487,627	80,762	29,403	3,458	12,709,283	3,108,033	4
1,045,022	80,725	75,484	773,397	70,205	14,959	30,252	2,094,431	1,989,876	61,768	40,387	2,400	4,294,857	2,200,426	5
180,168	23,898	17,212	127,346	8,869	2,843	----	64,960	13,623	47,511	3,826	----	321,751	256,791	6
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	7
137,157	8,150	14,303	85,968	28,736	----	----	160,469	154,049	3,265	3,155	----	410,478	250,009	8
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	9
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	10
237,313	----	15,329	221,984	----	----	----	222,664	217,517	38	792	4,317	576,411	353,747	11
5,907,299	40,250	428,819	5,371,265	66,965	----	----	9,055,175	8,339,938	237,090	478,147	----	20,267,109	11,211,934	12
252,615	11,284	43,707	195,562	2,062	----	----	402,927	387,578	7,733	7,616	----	799,747	396,820	13
172,609	22,479	23,048	115,908	11,174	----	----	399,604	373,599	5,867	20,138	----	604,344	204,740	14
347,934	24,560	45,547	272,349	5,478	----	----	210,870	197,516	6,313	7,041	----	662,824	451,954	15
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	16
135,759	1,577	8,647	112,176	13,359	----	----	125,882	121,734	1,199	2,949	----	350,674	224,792	17
72,717	7,716	7,579	52,530	4,892	----	----	89,924	87,966	1,281	677	----	211,276	121,352	18
19,061,483	795,574	1,863,367	16,061,955	331,325	9,262	----	37,009,960	36,579,426	97,609	271,061	61,864	63,464,629	26,454,669	19
190,521	15,912	43,342	123,287	7,980	----	----	219,546	212,511	4,346	2,689	----	526,082	306,536	20
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	21
202,296	15,719	16,307	168,606	1,664	----	----	92,604	68,798	14,512	8,596	698	365,045	272,441	22
351,053	27,962	31,704	291,387	----	----	----	441,942	423,196	15,485	3,261	----	927,342	485,400	23
(5)	(5)	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	24
711,375	22,516	90,914	570,133	19,584	2,334	5,894	810,121	765,289	12,225	30,964	1,643	1,852,900	1,042,779	25
77,269	1,200	18,774	40,180	17,115	----	----	390,219	371,537	3,827	14,855	----	773,872	383,653	26
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	27
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	28
(5)	(5)	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	29
(5)	----	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	30
69,091	6,500	6,726	55,865	----	----	----	49,210	43,283	2,958	2,969	----	207,449	158,239	31
18,144	----	2,720	15,424	----	----	----	15,776	14,584	349	843	----	52,328	36,552	32
45,537	5,623	5,566	30,988	3,360	----	----	129,267	126,337	1,034	1,896	----	211,904	82,637	33
155,530	32,650	26,713	86,293	9,874	----	----	104,610	75,314	3,907	25,389	----	297,286	192,676	34
216,768	17,117	24,560	169,591	5,500	----	----	71,844	41,872	6,973	18,172	4,827	420,969	349,125	35
403,185	11,822	39,244	329,744	22,375	----	----	68,065	63,536	2,864	1,665	----	624,970	556,905	36
975,680	117,627	249,161	495,009	111,886	1,997	----	363,539	317,900	15,449	27,702	2,488	1,960,359	1,596,820	37
168,882	16,554	20,401	58,565	73,162	----	200	325,725	311,567	6,945	7,213	----	748,894	423,169	38
32,854	2,024	3,862	26,968	----	----	----	138,218	130,368	5,748	2,102	----	192,435	54,217	39
3,430,541	236,409	371,196	2,683,840	72,493	66,603	----	10,196,968	9,171,323	769,672	255,973	----	16,293,358	6,096,390	40
161,595	12,240	30,763	98,344	20,248	----	----	387,413	381,265	2,551	3,597	----	740,303	352,890	41
643,296	161,343	46,038	344,999	90,916	----	----	642,158	626,102	7,277	8,704	75	1,517,096	874,938	42
25,828	8,586	14,222	----	3,020	----	----	71,670	10,785	120	25	60,740	137,907	66,237	43
531,855	43,463	40,951	351,169	86,308	2,844	7,120	1,166,404	1,152,445	2,524	11,435	----	2,098,000	931,596	44
119,265	14,913	27,257	47,575	25,530	3,990	----	1,529,975	1,516,546	707	12,722	----	1,909,892	379,917	45
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	46
(5)	----	(5)	(5)	----	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	47
1,249,348	46,699	112,550	1,046,042	44,057	----	----	4,426,657	4,346,319	12,853	67,485	----	5,830,612	1,403,955	48
113,327	16,660	4,668	86,531	3,388	2,080	----	124,680	118,173	2,789	3,718	----	346,462	221,782	49
103,296	18,165	6,428	59,480	18,423	----	800	415,946	405,828	4,435	5,683	----	580,144	164,198	50
1,305,450	39,689	74,492	1,169,563	17,506	3,316	884	1,795,568	1,574,939	41,721	33,441	145,467	3,972,995	2,177,427	51
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	52
10,774	3,000	566	7,208	----	----	----	16,063	15,556	4	503	----	43,141	27,078	53
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	54
184,331	4,992	45,855	111,928	21,556	----	----	242,083	237,630	763	3,690	----	481,635	239,552	55
1,038,622	67,847	92,374	844,382	26,929	7,090	----	1,588,086	1,545,958	6,934	31,483	3,711	3,038,473	1,450,387	56
978,101	48,382	100,519	811,831	17,369	----	----	1,327,713	1,265,049	11,674	49,741	1,249	2,582,220	1,254,507	57
6,478,623	267,709	646,692	5,546,267	17,955	----	----	15,184,648	14,419,926	534,052	166,295	64,375	25,881,985	10,697,337	58
181,476	7,150	31,846	123,507	15,189	1,220	2,564	338,308	332,218	3,259	2,755	76	657,363	319,055	59

TABLE 8.—GENERAL STATISTICS FOR THE

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS[1] Total[2]	Salaried officers of corporations[2]	Manufacturing: Salaried employees[2]	Manufacturing: Wage earners (average for year)[3]	Distribution	Construction	Other
1		Other industries[6]	184	82	12,560	158	1,189	10,804	360	41	8
		OTHER INDUSTRIES, BY INDUSTRY GROUPS[6]									
2	1	Food and kindred products	13	4	285	9	18	238	20		
3	3	Textile-mill products and other fiber manufactures	16	5	1,422	20	77	1,305	19	1	..
4	4	Apparel and other finished products made from fabrics and similar materials	10	1	331	8	22	301	.		..
5	6	Furniture and finished lumber products	7	4	251	3	19	226	3		.
6	7	Paper and allied products	8	.	2,249	9	176	1,972	81	11	
7	8	Printing, publishing, and allied industries	36	33	1,023	17	99	865	42	..	..
8	9	Chemicals and allied products	15	6	324	9	48	220	37	4	6
9	12	Leather and leather products	11	1	1,055	15	98	924	14	4	.....
10	13	Stone, clay, and glass products	6	1	692	3	80	563	29	17	.....
11	14	Iron and steel and their products, except machinery	10	1	801	16	44	712	29	..	.....
12	16	Electrical machinery	4	1	103	5	10	85	3		.
13	17	Machinery, except electrical	21	5	2,561	35	410	2,085	29	2	.
14	20	Miscellaneous industries	12	8	670	4	49	597	19	1	
15	2	Tobacco manufactures	3	3	558	3	26	503	26	..	.....
	5	Lumber and timber basic products	6	4	178	...	8	170	.....	.....	.....
	15	Nonferrous metals and their products	3	1	45	2	4	28	8	1	2
	18	Automobiles and automobile equipment	2	4	12	...	1	10	1	..	.....
	19	Transportation equipment except automobiles	1								

* As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.

[2] Figures do not include data for personnel of central-administrative offices.

[3] Each of the averages in the "Wage earners" column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [3]	Wages											
Dollars 16,025,120	*Dollars* 927,589	*Dollars* 2,165,484	*Dollars* 12,113,822	*Dollars* 754,579	*Dollars* 56,308	*Dollars* 7,338	*Dollars* 30,065,769	*Dollars* 27,181,975	*Dollars* 1,737,158	*Dollars* 548,100	*Dollars* 598,536	*Dollars* 57,335,761	*Dollars* 27,269,992	1
301,107	35,180	31,849	204,299	29,779			2,266,582	2,228,418	15,952	22,212		2,911,401	644,819	2
1,343,406	116,057	140,643	1,055,801	29,227	1,678		1,449,808	1,339,542	56,200	54,066		3,717,244	2,267,436	3
195,768	24,617	27,058	144,093				311,598	302,588	3,440	4,909	661	650,337	338,739	4
302,591	26,000	29,364	241,427	5,800			485,522	457,944	12,258	13,320	2,000	945,650	460,128	5
3,483,737	117,536	428,437	2,729,544	193,118	15,102		11,529,221	10,270,775	1,154,989	103,457		17,095,136	5,565,915	6
1,505,488	54,497	179,517	1,170,786	100,688			888,713	732,743	10,604	27,508	117,858	3,016,156	2,127,443	7
485,188	56,559	83,982	274,731	58,867	4,987	6,062	850,640	730,672	112,558	7,410		2,218,369	1,367,729	8
1,248,112	66,820	167,995	981,248	25,760	6,289		3,964,227	3,393,906	125,439	62,585	382,297	5,971,513	2,007,286	9
851,846	18,966	157,473	628,320	38,140	8,947		1,348,346	1,166,418	104,735	68,528	8,665	3,531,603	2,183,257	10
1,082,569	51,687	87,572	884,667	58,643			1,574,452	1,465,286	27,959	65,959	15,248	3,588,503	2,014,051	11
123,257	16,755	25,357	72,073	9,072			246,389	243,033	1,971	1,385		429,952	183,563	12
3,674,134	224,849	630,492	2,733,834	80,176	4,783		2,558,562	2,322,600	79,307	84,848	71,807	8,150,154	5,591,592	13
625,261	23,023	92,398	458,471	37,567	13,802		707,145	654,606	28,610	23,929		1,579,273	872,128	14
802,656	95,043	83,347	534,528	87,742	720	1,276	1,884,564	1,873,444	3,136	7,984		3,530,470	1,645,906	15

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[6] For numbers of establishments and of wage earners in individual industries, see table 10.

TABLE 9.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939

COUNTY	Total	INDUSTRY GROUP																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
The State	806	120	3	85	15	134	83	37	78	15			112	24	24	7	7	36	2	1	23
Belknap	50	7		7	1	13	3	1	3	1			3		2	1		5			3
Carroll	30	1				10	11		3	1			2					1			1
Cheshire	81	3		9		18	20	5	5	4			4	2	4			3			4
Coos	39	8			1	8	1	8	6	2			1	1	1			2			
Grafton	69	5		5	3	25	9	4	7				4	2			2	1			2
Hillsborough	245	50	3	31	6	15	27	7	21	5			36	6	10	3	2	16	2		5
Merrimack	89	11		13	1	16	5	3	14	1			5	5	4	2	3	2			4
Rockingham	91	19		6	2	12	4	2	6				28	6	1			3		1	1
Strafford	82	12		8		8	3	5	9	1			26	2	2	1		2			3
Sullivan	30	4		6	1	9		2	4				3					1			

TABLE 10. INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE: 1939

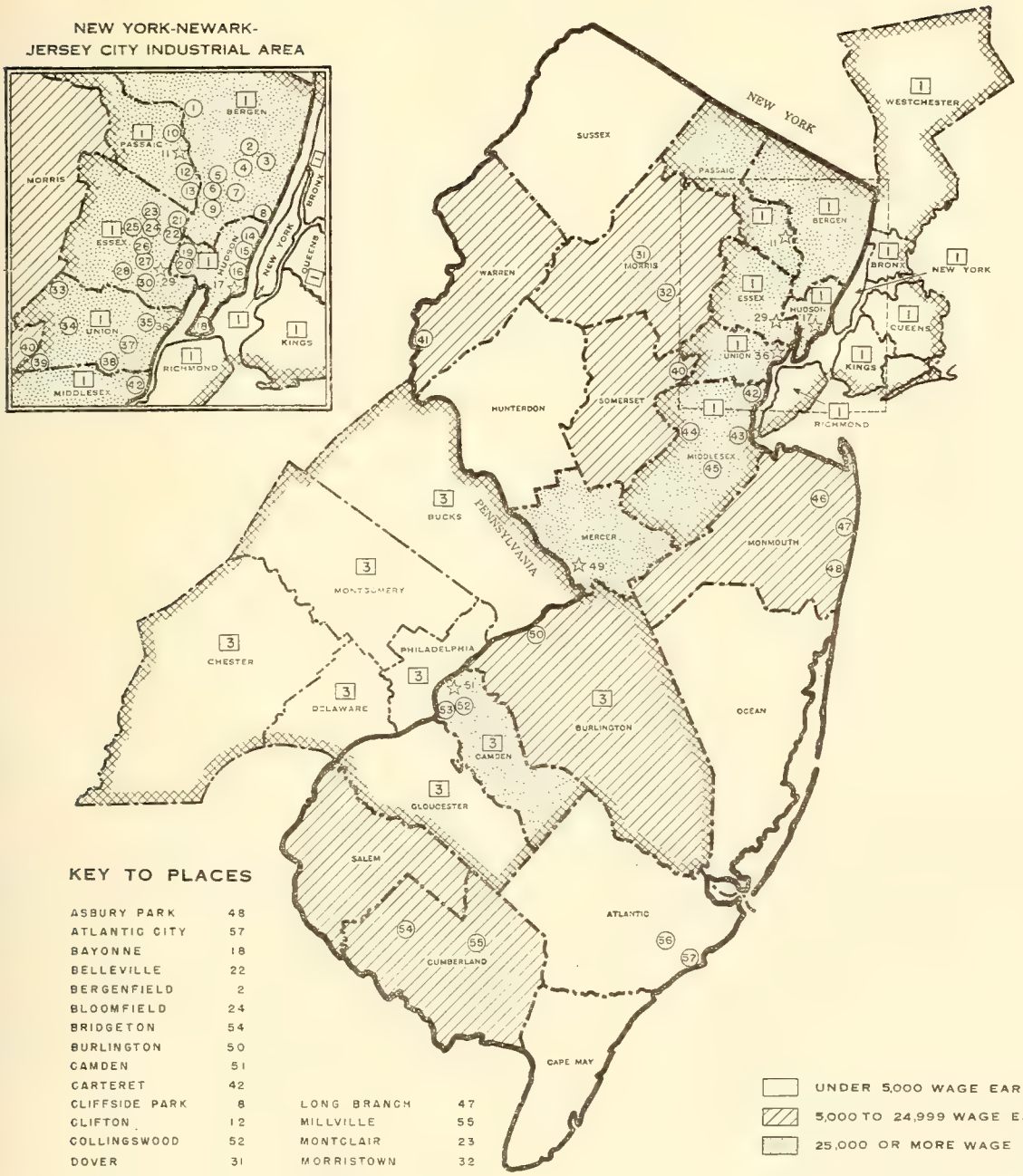
[In order to avoid disclosing data for individual establishments, wage-earner figures for industries represented by fewer than three establishments are withheld]

Group No.[1]	TITLE	Number of establishments	Wage earners
	STATE OF NEW HAMPSHIRE		
1	Biscuit, crackers, and pretzels	1	
	Candy and other confectionery products	1	
	Canned and dried fruits and vegetables (including canned soups)	1	
	Condensed and evaporated milk	2	
	Flour and other grain-mill products	1	
	Food preparations, not elsewhere classified	1	
	Ice, manufactured	2	
	Malt liquors	1	
	Meat packing, wholesale	1	
	Poultry dressing and packing, wholesale	1	
	Vinegar and cider	1	
2	Cigars	3	503
3	Carpets and rugs, wool	1	
	Cotton thread	2	
	Dyeing and finishing cotton, rayon, silk, and linen textiles	2	
	Hosiery—full-fashioned	2	
	Jute goods (except felt)	1	
	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	2	
	Knitted underwear	1	
	Linen goods	1	
	Processed waste and recovered wool fibers—contract factories	1	
	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	1	
	Rayon broad woven goods—contract factories	1	
	Woolen and worsted manufactures—contract factories	1	
4	Handkerchiefs—made in contract factories	1	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	3	58
	Housefurnishings (except curtains, draperies, and bedspreads)	1	
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	1	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	1	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	2	
	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	1	
5	Logging camps and logging contractors (not operating sawmills)	6	170
6	Cigar boxes: wooden, part wooden	1	
	Lasts and related products	2	
	Partitions, shelving, cabinet work, and office and store fixtures	1	
	Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets	2	
	Wood preserving	1	
7	Coated and glazed paper	1	
	Converted paper products not elsewhere classified	1	
	Fiber cans, tubes, and similar products	1	
	Pulp goods (pressed, molded)	1	
	Pulp mills	4	1,136
8	Bookbinding and related industries	4	72
	General commercial (job) printing	28	762
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	2	
	Photoengraving, not done in printing establishments (including preparation of plates)	2	
9	Chemicals not elsewhere classified	2	
	Cleaning and polishing preparations, blackings, and dressings	5	29
	Drugs and medicines (including drug grinding)	3	16
	Grease and tallow (except lubricating greases)	1	
	STATE OF NEW HAMPSHIRE—Continued		
9	Insecticides, fungicides, and related industrial and household chemical compounds	3	29
	Printing ink	1	
12	Industrial leather belting and packing leather	3	172
	Leather gloves and mittens	1	
	Leather goods not elsewhere classified	1	
	Leather: tanned, curried, and finished—contract factories	3	184
	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	3	457
13	Abrasive wheels, stones, paper, cloth, and related products	2	
	Asbestos products (except steam packing and pipe and boiler covering)	1	
	Concrete products	2	
	Gypsum products	1	
14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semi-vitreous china sanitary ware)	1	
	Fabricated structural steel and ornamental metalwork, made in plants not operated in connection with rolling mills	1	
	Files	1	
	Hardware not elsewhere classified	1	
	Heating and cooking apparatus, except electric, not elsewhere classified	1	
	Malleable-iron castings	1	
	Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills	1	
	Saws	1	
	Screw-machine products and wood screws	1	
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	1	
15	Electroplating, plating, and polishing	1	
	Sheet-metal work not specifically classified	1	
	Silverware and plated ware	1	
16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	2	
	Insulated wire and cable	1	
	Wiring devices and supplies	1	
17	Agricultural machinery (except tractors)	1	
	Food-products machinery	1	
	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	1	
	Machine tools	1	
	Mechanical power-transmission equipment	1	
	Metalworking machinery and equipment, not elsewhere classified	1	
	Mining machinery and equipment	1	
	Printing-trades machinery and equipment	3	157
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	2	
	Special-industry machinery, not elsewhere classified	1	
	Textile machinery	8	1,061
18	Motor vehicles, motor-vehicle bodies, parts and accessories	2	
19	Boat building and boat repairing	1	
20	Brushes	4	122
	Buttons	1	
	Miscellaneous fabricated products not elsewhere classified	1	
	Models and patterns (except paper patterns)	1	
	Signs, advertising displays, and advertising novelties	1	
	Sporting and athletic goods not elsewhere classified	3	57
	Tobacco pipes and cigarette holders	1	

[1] For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and of industry groups, sec. 27.

NEW JERSEY

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939



KEY TO PLACES

ASBURY PARK	48				
ATLANTIC CITY	57				
BAYONNE	18				
BELLEVILLE	22				
BERGENFIELD	2				
BLOOMFIELD	24				
BRIDGETON	54				
BURLINGTON	50				
CAMDEN	51				
CARTERET	42				
CLIFFSIDE PARK	8	LONG BRANCH	47		
CLIFTON	12	MILLVILLE	55		
COLLINGSWOOD	52	MONTCLAIR	23		
DOVER	31	MORRISTOWN	32		
EAST ORANGE	27	NEWARK	29		
ELIZABETH	36	NEW BRUNSWICK	44		
ENGLEWOOD	3	NORTH PLAINFIELD	40		
GARFIELD	6	NUTLEY	21	RIDGEWOOD	1
GLOUCESTER	53	ORANGE	26	ROSELLE	35
HACKENSACK	4	PASSAIC	13	RUTHERFORD	9
HARRISON	20	PATERSON	11	SOUTH ORANGE	28
HAWTHORNE	10	PERTH AMBOY	43	SOUTH RIVER	45
HOBOKEN	16	PHILLIPSBURG	41	SUMMIT	33
IRVINGTON	30	PLAINFIELD	39	TRENTON	49
JERSEY CITY	17	PLEASANTVILLE	56	UNION CITY	15
KEARNY	19	RAHWAY	38	WESTFIELD	34
LINDEN	37	RED BANK	46	WEST NEW YORK	14
LODI	5	RIDGEFIELD PARK	7	WEST ORANGE	25

UNDER 5,000 WAGE EARNERS

5,000 TO 24,999 WAGE EARNERS

25,000 OR MORE WAGE EARNERS

PLACES OF 10,000 TO 99,999 POPULATION

PLACES OF 100,000 OR MORE POPULATION

INDUSTRIAL AREAS:

1 NEW YORK-NEWARK-JERSEY CITY AREA

3 PHILADELPHIA-CAMDEN AREA

Prepared by the Bureau of the Census, Department of Commerce

NEW JERSEY

Table 1.—SUMMARY FOR THE STATE: 1939, 1937, AND 1929

Census year	Number of establishments	Proprietors and firm members	Number of persons employed in manufacturing [1]	Salaries and wages [1]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2]	Value of products [2]	Value added by manufacture [3]
1939	7,984	4,450	496,355	$684,522,750	$1,904,833,634	$3,428,947,188	$1,524,113,554
1937	7,064	3,406	504,241	684,030,590	1,890,538,525	3,253,246,218	1,362,707,693
1929	8,285	4,680	505,044	789,110,457	2,135,974,556	3,856,860,420	1,720,885,864

[1] Figure for 1939 does not include data for employees of manufacturing establishments (except salaried officers of corporations) who were engaged in distribution, construction, and other nonmanufacturing work. For detail, see table 8. It is not known to what extent data for such nonmanufacturing employees were included in figures reported for earlier years. See General Explanations—Persons engaged—general classification.

[2] The aggregates for cost of materials, etc., and value of products include large amounts of duplication due to the use of the products of some industries as materials by others. See General Explanations—Duplication in cost of materials and value of products.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See General Explanations—Value added by manufacture.

Table 2. SUMMARY FOR INDUSTRIAL AREAS, COUNTIES, AND PLACES: 1939

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
The State	4,160,165	[5] 7,984	433,471	$521,568,632	$1,904,833,634	$3,428,947,188	$1,524,113,554
INDUSTRIAL AREAS							
New York City-Newark-Jersey City Industrial Area, total [6]	10,782,353	33,385	849,608	1,042,681,700	3,887,580,270	6,948,444,631	3,060,864,361
Portion in New Jersey	2,753,800	6,211	315,600	383,107,121	1,542,651,974	2,652,859,569	1,110,207,595
Portion in New York	8,028,553	27,174	534,008	659,574,579	2,344,928,296	4,295,585,062	1,950,656,766
Philadelphia-Camden Industrial Area, total [7]	3,199,637	6,082	321,725	387,115,110	1,252,248,479	2,292,960,250	1,040,711,771
Portion in New Jersey	424,959	485	43,164	54,230,658	169,641,741	320,800,193	151,158,452
Portion in Pennsylvania	2,774,678	5,597	278,621	332,884,452	1,082,606,738	1,972,160,057	889,553,319
COUNTIES IN NEW JERSEY [5]							
Atlantic	124,066	146	3,417	2,926,000	6,160,787	13,763,090	7,602,303
Bergen	409,646	548	25,952	31,911,188	162,673,167	250,532,158	87,858,991
Burlington	97,013	122	9,408	10,591,083	24,453,937	41,841,147	17,387,210
Camden	255,727	290	29,028	37,479,929	114,366,685	222,708,417	108,341,732
Cape May	28,919	53	478	449,283	748,585	1,766,265	1,017,680
Cumberland	73,184	138	9,539	8,632,956	17,188,741	37,910,810	20,722,069
Essex	837,340	2,028	78,008	95,905,353	322,513,735	613,335,338	290,821,603
Gloucester	72,219	73	4,668	6,159,646	30,821,119	56,250,629	25,429,510
Hudson	652,040	1,778	86,131	109,361,585	421,863,846	765,853,956	343,990,110
Hunterdon	36,766	40	2,519	3,157,855	6,700,210	13,951,946	7,251,736
Mercer	197,318	326	25,329	28,643,092	54,282,633	126,441,918	72,159,285
Middlesex	217,077	414	36,170	41,437,637	349,427,609	465,084,048	115,656,439
Monmouth	161,238	217	7,134	6,733,705	14,088,424	30,231,713	16,143,289
Morris	125,732	110	6,338	7,538,416	19,056,478	37,897,517	18,841,039
Ocean	37,706	54	435	464,443	1,515,060	3,294,348	1,779,288
Passaic	309,353	934	56,947	60,639,004	123,621,468	264,651,471	141,030,003
Salem [8]	42,274	34	6,516	.....	.....	.....	.....
Somerset	74,390	88	6,755	8,133,467	23,510,193	56,081,352	32,571,159
Sussex [8]	29,632	32	795	.....	.....	.....	.....
Union	328,344	509	32,391	43,852,354	162,552,149	293,402,598	130,850,449
Warren	50,181	70	5,512	6,264,520	12,055,457	31,560,462	19,505,005
Undistributed [9]	.....	66	7,311	11,287,116	37,233,351	102,388,005	65,154,654
PLACES HAVING 10,000 OR MORE INHABITANTS							
Asbury Park	14,617	28	580	640,448	1,188,890	2,754,439	1,565,549
Atlantic City	64,094	76	705	773,216	2,400,975	5,095,433	2,694,458
Bayonne	79,198	104	8,398	12,338,430	91,024,167	147,595,381	56,571,214
Belleville	28,167	53	2,363	3,195,070	8,889,683	19,316,169	10,426,486
Bergenfield	10,275	9	172	106,899	140,528	360,854	220,326
Bloomfield	41,623	82	7,709	10,011,898	43,284,893	76,069,632	32,784,739
Bridgeton	15,992	38	2,343	2,289,496	6,986,864	14,507,886	7,521,022
Burlington	10,905	25	2,187	2,054,660	4,204,389	8,309,649	4,105,260
Camden	117,536	201	25,694	33,482,194	95,026,170	190,574,262	95,548,092
Carteret [10]	11,976	26	3,629	.....	.....	.....	.....
Cliffside Park	16,892	14	118	101,282	249,305	482,384	233,079
Clifton	48,827	92	5,677	6,375,592	17,178,059	32,618,516	15,440,457
Collingswood	12,685	4	9	11,524	39,355	72,228	32,873
Dover	10,491	21	1,525	1,711,421	2,619,661	5,381,913	2,762,252
East Orange	68,945	51	1,172	1,417,489	2,492,119	6,026,103	3,533,984

See footnotes at end of table.

TABLE 2.—SUMMARY FOR INDUSTRIAL AREAS, COUNTIES, AND PLACES: 1939—Continued

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
PLACES HAVING 10,000 OR MORE INHABITANTS—continued							
Elizabeth	109,912	199	15,070	$18,467,843	$48,285,231	$89,175,929	$40,890,698
Englewood	18,966	22	147	164,221	470,273	1,078,686	608,413
Garfield	28,044	63	5,507	5,596,420	14,319,340	28,415,406	14,096,066
Gloucester	13,692	25	1,108	1,292,717	3,891,926	7,246,741	3,354,815
Hackensack	26,279	48	1,135	1,007,412	2,180,904	4,712,889	2,531,985
Harrison	14,171	47	9,685	12,580,311	23,695,466	56,266,842	32,571,376
Hawthorne	12,610	31	621	586,524	1,193,557	2,767,080	1,573,523
Hoboken	50,115	197	10,230	12,824,186	29,786,616	65,286,005	35,499,389
Irvington	55,328	134	4,225	4,896,672	32,395,562	45,931,708	13,536,146
Jersey City	301,173	556	25,551	30,097,115	174,132,178	281,795,481	107,663,303
Kearny	39,467	65	11,578	19,855,037	52,729,639	110,209,782	57,480,143
Linden	24,115	52	6,998	11,668,502	70,195,322	106,337,359	36,142,037
Lodi	11,552	22	1,709	1,844,019	2,024,871	5,510,366	3,485,495
Long Branch	17,408	31	1,416	1,139,829	3,086,971	5,583,283	2,496,312
Millville	14,806	30	2,613	2,493,329	5,154,289	10,285,801	5,131,512
Montclair	39,807	25	175	206,505	453,429	1,082,290	628,861
Morristown	15,270	19	175	160,103	407,395	797,665	390,270
Newark	429,760	1,517	56,597	69,071,962	218,825,315	426,162,505	207,337,190
New Brunswick	33,180	101	8,034	8,473,915	22,281,482	47,583,952	25,302,470
North Plainfield	10,586	8	187	248,741	481,695	860,791	379,096
Nutley	21,954	21	740	909,263	5,408,215	9,754,706	4,346,491
Orange	35,717	59	1,831	2,378,698	4,655,805	11,633,438	6,977,633
Passaic	61,394	246	23,368	23,063,085	51,632,940	101,310,786	49,677,846
Paterson	139,656	505	23,059	25,647,523	44,577,542	106,799,735	62,222,193
Perth Amboy	41,242	89	9,416	10,418,571	173,371,453	198,485,045	25,113,592
Phillipsburg	18,314	24	3,171	3,931,285	7,912,573	22,910,642	14,998,069
Plainfield	37,469	62	2,315	2,864,798	5,554,665	11,905,304	6,350,639
Pleasantville	11,050	8	53	62,786	137,818	325,946	188,128
Rahway	17,498	27	1,842	2,561,095	8,818,747	19,015,341	10,196,594
Red Bank [10]	10,974	30	1,002				
Ridgefield Park [10]	11,277	16	634				
Ridgewood	14,948	11	67	82,766	174,940	544,526	369,586
Roselle	13,597	16	589	755,414	1,591,080	3,281,373	1,690,293
Rutherford	15,466	11	346	379,481	231,642	829,396	597,754
South Orange	13,742	6	68	64,388	239,161	519,276	280,115
South River	10,714	44	2,620	1,756,864	1,525,535	4,838,344	3,312,809
Summit	16,165	15	245	252,327	2,048,335	3,550,284	1,501,949
Trenton	124,697	255	17,972	19,631,049	35,781,098	83,959,940	48,178,842
Union City	56,173	271	5,732	5,374,571	9,089,105	23,238,371	14,149,266
Westfield	18,458	12	132	173,850	417,170	947,153	529,983
West New York	39,439	235	4,357	4,127,454	8,960,180	18,589,250	9,629,070
West Orange [16]	25,662	22	1,796				

[1] Not including salaried officers and employees or nonmanufacturing wage earners. The figure for each county or place is an average of the numbers reported for the several months of the year. In calculating it, equal weight must be given to full-time and to part-time wage earners (not reported separately by the manufacturers), and for this reason it exceeds the number that would have been required to perform the work done in the industries if all wage earners had been continuously employed throughout the year. The quotient obtained by dividing the amount of wages by the average number of wage earners cannot, therefore, be accepted as representing the average wage received by full-time wage earners. Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several counties do not add exactly to the average for the State. In making comparisons between the figures for 1939 and those for earlier years, the possibility that the proportion of part-time employment varied from year to year should be taken into account.

[2] Profits and losses cannot be calculated from the census figures because no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, and advertising.

[3] See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

[5] For numbers of establishments by "Industry groups," see table 11.

[6] The New York City-Newark-Jersey City Industrial Area comprises Bergen, Essex, Hudson, Middlesex, Passaic, and Union Counties, New Jersey; and Bronx, Kings, New York, Queens, Richmond, and Westchester Counties, New York. For statistics by industries, see table 9.

[7] The Philadelphia-Camden Industrial Area comprises Burlington, Camden, and Gloucester Counties, New Jersey, and Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania. For statistics by industries, see table 9.

[8] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Undistributed" figures.

[9] The "Undistributed" figure for number of establishments and the "Undistributed" figure for number of wage earners are included above in the items for the respective counties. The sums of the figures in these two columns are, therefore, larger than the corresponding State totals.

[10] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments.

TABLE 3.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, BY SEX: 1939 AND 1929

[The 1939 questionnaire, for the first time, called for data on the *total* number of employees in manufacturing establishments, including those engaged wholly or chiefly in distribution, construction, and other nonmanufacturing activities. It is not known to what extent data for such employees were included in the figures reported for earlier years. This table presents detailed figures for employees receiving pay at any time within the *normal* pay-roll period ended nearest Oct. 14, 1939, and for such employees on the pay roll on Dec. 14, 1929, or on the nearest *representative* date. The total for "Wage earners engaged in manufacturing" is not identical with the average for the year (given in other tables), and differs from the number reported for October 1939 or for December 1929, because for both years some manufacturers gave wage-earner figures for months other than those specified. See GENERAL EXPLANATIONS—Persons engaged—general classification]

CLASS AND SEX	1939 (Oct. 14) [1]	1929 (Dec. 14) [1]
All classes, aggregate [2]	570,658	505,251
Male	391,854	369,799
Female	178,804	135,452
Salaried officers and employees, total	100,004	72,966
Male	77,043	72,917
Female	22,961	20,049
Salaried officers of corporations, total	7,266	7,433
Male	6,715	6,994
Female	551	439
All other employees (except wage earners in manufacturing), total	92,738	65,533
Male	70,328	45,923
Female	22,410	19,610
Salaried officers and employees—Continued.		
All other employees, etc.—Continued.		
Engaged in manufacturing		
Male	41,734	
Female	14,084	
Engaged in distribution:		
Male	20,464	
Female	8,080	
Engaged in construction:		
Male	6,609	
Engaged in other work.		
Male	1,721	
Female	246	
Wage earners engaged in manufacturing, total	470,654	432,285
Male	314,811	316,682
Female	155,843	115,603

[1] See headnote.
[2] Figures do not include data for 4,450 proprietors and firm members for 1939, which were not reported by sex, and 4,680 for 1929.
[3] No data.

TABLE 4. WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS: 1939, 1937, AND 1929

[The figures for 1939 relate to wage earners engaged in manufacturing only. It is not known to what extent the figures for earlier years include data for nonmanufacturing wage earners. See headnote to table 3]

CENSUS YEAR	Average number employed during year [1]	NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH											
		January	February	March	April	May	June	July	August	September	October	November	December
1939	433,471	403,730	414,571	419,095	416,742	415,955	420,648	416,410	439,651	452,189	468,881	471,366	462,413
1937	436,745	423,777	432,683	441,213	445,779	446,619	443,124	438,724	450,834	450,322	441,674	424,267	401,920
1929	432,078	412,157	417,452	423,959	428,589	432,296	433,697	436,459	445,959	452,179	452,681	434,742	414,772

[1] See GENERAL EXPLANATIONS—Wage earners and wages.

TABLE 5.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY NUMBER OF WAGE EARNERS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS	VALUE ADDED BY MANUFACTURE [2]
	1939	1929	1939	1929	1939	1939
All establishments	7,984	8,285	433,471	432,078	$3,428,947,188	$1,524,113,554
No wage earners	210	202			6,358,166	2,753,570
1 to 5	2,961	3,255	8,264	9,334	69,651,016	34,506,024
6 to 20	1,925	2,180	21,271	24,466	158,589,233	75,377,604
21 to 50	1,234	1,153	40,871	37,746	251,544,198	124,453,866
51 to 100	770	646	55,161	45,540	315,379,881	154,461,776
101 to 250	554	527	85,207	81,919	610,315,373	283,976,676
251 to 500	200	190	67,711	67,214	468,208,127	212,197,940
501 to 1,000	73	82	49,340	56,460	408,387,678	204,473,080
1,001 to 2,500	47	40	64,915	61,210	862,028,496	265,340,325
2,501 or more	10	10	40,731	48,189	278,485,020	166,572,693

[1] See headnotes to tables 3 and 4.

See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 6.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY VALUE OF PRODUCTS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
All establishments	7,984	8,285	433,471	432,078	$3,428,947,188	$3,856,860,420	$1,524,113,554	$1,720,885,864
$5,000 to $19,999	2,418	2,335	8,447	6,503	27,474,251	27,232,358	16,742,565	17,376,981
$20,000 to $49,999	1,772	1,876	18,674	14,299	56,723,262	59,437,550	35,197,996	38,092,353
$50,000 to $99,999	1,095	1,141	24,438	18,180	77,173,089	81,121,696	46,650,330	49,990,191
$100,000 to $249,999	1,096	1,201	42,686	35,929	173,783,711	190,047,332	93,153,344	108,250,683
$250,000 to $499,999	606	666	42,817	38,220	211,867,344	233,461,516	109,083,213	124,420,079
$500,000 to $999,999	463	455	56,603	51,466	326,007,143	326,747,223	161,984,788	170,255,812
$1,000,000 to $2,499,999	315	371	69,864	77,366	493,452,731	577,679,696	245,791,895	286,864,046
$2,500,000 to $4,999,999	120	134	51,249	61,102	417,050,623	473,715,106	202,824,107	229,907,326
$5,000,000 and over	99	106	118,693	129,013	1,645,415,034	1,887,417,943	612,685,316	695,728,393

[1] See headnotes to tables 3 and 4.

[2] See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 7.—ESTABLISHMENTS CLASSIFIED AS UNDER CORPORATE OR OTHER FORM OF OWNERSHIP (OR CONTROL) AND AS UNDER CENTRAL-ADMINISTRATIVE-OFFICE OR INDEPENDENT OPERATION: 1939 AND 1929

TYPE OF OWNERSHIP OR CONTROL, AND OF OPERATION	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
Total	7,984	8,285	433,471	432,078	$3,428,947,188	$3,856,860,420	$1,524,113,554	$1,720,885,864
TYPE OF OPERATION								
1939 [3]								
Corporate ownership or control:								
Central-administrative-office (plural-unit)	1,385	(3)	245,679	(3)	2,500,248,508	(3)	1,033,052,842	(3)
Independent (single-unit)	3,268	(3)	143,933	(3)	776,953,091	(3)	410,210,367	(3)
Noncorporate ownership:								
Central-administrative-office (plural-unit)	158	(3)	6,687	(3)	28,325,618	(3)	12,566,879	(3)
Independent (single-unit)	3,173	(3)	37,172	(3)	123,419,971	(3)	68,283,466	(3)
1939 AND 1929 [3]								
Central-administrative-office (plural-unit), corporate and noncorporate	1,543	1,159	252,366	237,963	2,528,574,126	2,603,150,489	1,045,619,721	1,062,278,232
Independent (single-unit), corporate and noncorporate	6,441	7,126	181,105	194,115	900,373,062	1,253,709,931	478,493,833	658,607,632
TYPE OF OWNERSHIP OR CONTROL								
Corporate	4,653	4,360	389,612	392,573	3,277,201,599	3,638,011,487	1,443,263,209	1,611,000,513
Noncorporate, total	3,331	3,925	43,859	39,505	151,745,589	218,848,933	80,850,345	109,885,351
Individual	2,419	(4)	23,358	(4)	81,827,142	(4)	44,369,622	(4)
Partnership	879	(4)	19,975	(4)	67,527,943	(4)	35,371,694	(4)
Cooperative	16	(4)	344	(4)	1,520,379	(4)	609,781	(4)
Other	17	(4)	182	(4)	870,125	(4)	499,248	(4)

[1] See headnotes to tables 3 and 4.

[2] See GENERAL EXPLANATIONS—Value added by manufacture.

[3] Because of changes in the questionnaire, no comparable figures for 1929 can be given for the first section of this table. For this reason, the items have been regrouped under "1939 and 1929" to present comparable figures so far as this can be done.

[4] No data.

TABLE 8.—GENERAL STATISTICS FOR

This table presents separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments, are given, however, reported larger numbers of wage earners or

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS[1] Total[2]	Manufacturing: Salaried officers of corporations[2]	Salaried employees[2]	Wage earners (average for year)	Distribution	Construction	Other
1		All industries, total	7,984	4,450	533,475	7,266	55,618	433,471	28,544	6,609	1,967
2	13	Abrasive wheels, stones, paper, cloth, and related products	3	2	112	1	12	95	3		1
3	17	Agricultural machinery (except tractors)	3	3	44	1	5	38			
4	15	Alloying and rolling and drawing of nonferrous metals, except aluminum	11	2	3,054	7	270	2,626	45	86	20
5	15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	9	4	2,546	4	476	2,065	1		
6	3	Artificial leather and oilcloth	10	1	1,200	23	113	948	96	20	
7	20	Artists' materials	6	5	90	3	17	58	12		
8	13	Asbestos products (except steam packing and pipe and boiler covering)	7		2,788	7	263	2,333	59	120	6
9	16	Automotive electrical equipment	8	1	370	15	42	270	35		8
10	1	Baking powder, yeast, and other leavening compounds	3		503	6	34	153	295	15	
11	6	Baskets for fruits and vegetables	9	7	464	5	23	428	8		
12	16	Batteries, storage and primary (dry and wet)	11	1	2,033	9	194	1,648	178	3	1
13	20	Beauty-shop and barber-shop equipment	3		431	5	53	349	24		
14	4	Belts (apparel), regardless of material	7	3	509	10	51	432	16		
15	1	Biscuit, crackers, and pretzels	13	10	1,182	7	53	1,099	16	7	
16	17	Blowers; exhaust and ventilating fans	3		130	1	13	112	4		
17	19	Boat building and boat repairing	15	6	244	8	32	202	2		
18	14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	8		778	15	167	549	43	4	
19	8	Bookbinding and related industries	34	23	2,051	32	141	1,820	58		
20	8	Books: printing without publishing	20	7	1,276	28	118	1,107	23		
21	8	Books: publishing without printing	3	2	21	2	19				
22	1	Bread and other bakery products (except biscuit, crackers, and pretzels	1,012	1,041	11,995	144	499	9,704	1,341	50	257
23	13	Brick and hollow structural tile	14	2	937	9	31	861	30	6	
24	20	Brooms	4	3	120	3	4	112	1		
25	20	Brushes	19	11	635	24	90	462	57	2	
26	20	Buttons	36	35	1,632	26	103	1,457	13	33	
27	1	Candy and other confectionery products	32	17	2,272	40	104	1,893	211	8	16
28	1	Canned and dried fruits and vegetables (including canned soups)	16	3	4,842	21	404	4,303	95	16	3
29	4	Canvas products (except bags	15	7	227	7	22	163	35		
30	20	Carbon paper and inked ribbons	3		351	11	46	207	82	5	
31	3	Carpets and rugs, wool	7	1	2,788	15	215	2,494	64		
32	3	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	4	1	86	3	3	75	5		
33	17	Cars and trucks, industrial	3	1	37	2	8	27			
34	6	Caskets, coffins, burial cases, and other morticians' goods	10	3	210	13	11	141	37	1	7
35	14	Cast-iron pipe and fittings	6		2,573	12	240	2,247	74		
36	1	Cheese	4	1	20		1	18	1		
37	9	Chemicals not elsewhere classified	79	4	16,871	60	3,126	11,796	653	980	256
38	4	Children's coats—made in contract factories	11	11	411	5	12	394			
39	4	Children's coats—made in inside factories or by jobbers engaging contractors	11	8	547	5	15	521	5	1	
40	4	Children's dresses—made in contract factories	34	39	1,408	3	23	1,380	2		
41	4	Children's dresses—made in inside factories or by jobbers engaging contractors	22	13	1,270	11	43	1,185	30		1
42	4	Children's and infants' wear not elsewhere classified—made in contract factories	4	2	77	1		76			
43	4	Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors	12	11	1,188	8	35	1,109	34	1	1
44	13	China firing and decorating (for the trade)	3	3	34	2	2	29	1		
45	1	Chocolate and cocoa products	4	3	370	8	22	303	31	4	2
46	6	Cigar boxes: wooden, part wooden	3		436	8	7	409	9		3
47	2	Cigarettes	3		1,255		56	1,078	49		72
48	2	Cigars	39	21	9,530	17	425	8,859	174	16	39
49	13	Clay refractories, including refractory cement (clay)	8		408	6	40	348	11	3	
50	9	Cleaning and polishing preparations, blackings, and dressings	45	12	1,595	59	283	897	340		16
51	15	Clocks, watches, and materials and parts (except watchcases)	4	4	409	7	36	342	24		
52	4	Clothing, leather and sheep-lined	13	14	806	14	46	716	28		2
53	3	Cloth sponging and miscellaneous special finishing	12		664	24	50	542	48		
54	9	Coal-tar products, crude and intermediate	6	1	290	5	41	241	1	2	
55	7	Coated and glazed paper	9		566	15	52	462	33	4	
56	4	Coats, suits, and skirts (except fur coats)—made in contract factories	89	99	3,933	55	69	3,794	4	2	9
57	4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	18	5	1,191	23	47	1,097	24		
58	14	Cold-rolled steel sheets, and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills	3		549	5	48	494	2		
59	15	Collapsible tubes	6		742	14	49	650	23	3	3
60	9	Colors and pigments	23	1	2,004	31	428	1,358	32	146	9
61	17	Commercial laundry, dry-cleaning, and pressing machinery	4		111	7	24	59	21		
62	16	Communication equipment	26	7	9,988	25	2,169	7,030	502	198	64
63	9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	14		520	4	37	269	210		
64	13	Concrete products	88	44	1,305	58	99	1,043	95	5	5
65	17	Construction and similar machinery (except mining and oil-field machinery and tools	5		610	16	171	406	17		
66	7	Converted paper products not elsewhere classified	17	7	1,418	37	96	1,030	253	2	

See footnotes at end of table.

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and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures larger values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
757,546,068	44,084,730	118,869,388	521,568,632	56,957,269	12,987,755	3,078,294	1,904,833,634	1,824,370,746	41,544,623	22,206,622	16,711,643	3,428,947,188	1,524,113,554	1
(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	2
(5)	(5)	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	3
4,995,579	85,929	566,766	4,101,057	99,182	119,521	23,124	38,648,209	37,884,070	310,465	412,479	41,195	49,564,483	10,916,274	4
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	5
1,889,607	146,623	220,072	1,273,488	229,158	20,266	----	5,035,511	4,853,616	92,404	77,684	11,807	8,224,585	3,189,074	6
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	7
3,890,135	50,012	563,940	3,035,206	43,277	192,586	5,114	6,168,559	5,768,544	334,307	65,329	379	18,709,840	12,541,281	8
526,717	58,647	82,556	297,795	63,060	----	24,659	536,369	513,227	6,519	16,623	----	1,241,668	705,299	9
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	10
395,349	22,207	42,483	313,886	16,773	----	----	380,253	369,343	3,184	7,726	----	901,055	520,802	11
3,365,297	55,855	449,059	2,310,552	539,718	8,265	1,848	6,514,654	6,027,388	224,487	262,779	----	12,965,408	6,450,754	12
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	13
565,174	95,156	69,765	376,385	23,868	----	----	1,010,787	1,003,544	1,297	5,946	----	1,890,851	880,064	14
981,154	26,018	98,653	828,036	17,755	10,692	----	3,456,376	3,359,848	59,333	37,195	----	5,488,867	2,032,491	15
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	16
394,825	46,914	55,598	272,813	19,500	----	----	513,503	501,197	1,038	11,268	----	1,046,441	532,938	17
1,246,429	125,367	309,571	688,038	110,588	12,865	----	1,616,119	1,537,607	34,651	39,082	4,779	4,638,534	3,022,415	18
2,519,423	208,327	309,195	1,882,525	102,484	16,892	----	2,451,570	2,091,871	24,033	47,269	288,397	6,965,083	4,513,513	19
2,322,610	209,278	256,387	1,788,327	68,618	----	----	1,863,321	1,624,564	18,835	44,306	175,616	5,161,996	3,298,675	20
(5)	(5)	(5)	----	(5)	----	----	(5)	(5)	----	----	(5)	(5)	(5)	21
16,875,535	495,199	984,673	13,729,440	1,336,069	98,799	231,355	28,666,254	27,228,425	864,431	573,098	300	60,261,890	31,595,636	22
1,104,849	60,100	60,537	905,748	67,157	11,307	----	661,847	138,510	457,010	66,003	324	2,393,122	1,731,275	23
115,120	3,900	5,918	104,302	1,000	----	----	157,834	155,116	363	2,355	----	337,005	179,171	24
856,268	129,965	136,679	464,606	120,269	4,749	----	2,097,278	2,071,672	10,563	14,885	158	3,487,759	1,390,481	25
1,729,266	116,218	175,447	1,357,391	55,837	24,373	----	1,798,475	1,571,610	32,547	75,391	118,927	4,214,157	2,415,682	26
1,887,419	200,537	181,660	1,275,917	201,422	14,268	13,615	4,196,489	4,066,466	65,429	64,594	----	7,557,040	3,360,551	27
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	28
346,704	50,221	48,394	195,563	52,526	----	----	1,380,052	1,366,998	7,208	5,846	----	2,079,506	699,454	29
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	30
3,832,810	151,743	472,318	3,070,508	138,241	----	----	7,524,869	7,006,444	123,928	78,432	316,065	16,515,463	8,990,594	31
78,034	17,560	4,802	48,587	7,085	----	----	175,426	171,914	732	2,780	----	262,369	86,943	32
(5)	(5)	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	33
304,769	51,000	19,853	171,053	52,230	1,150	9,483	494,113	479,504	5,130	9,301	178	879,080	384,967	34
3,861,078	167,841	542,616	2,940,165	210,456	----	----	5,138,359	4,442,479	507,203	154,735	33,942	10,847,319	5,708,960	35
20,897	----	2,340	17,557	1,000	----	----	152,124	147,729	1,500	2,895	----	215,421	63,297	36
32,456,301	479,954	7,985,539	20,059,764	1,627,216	1,892,115	411,713	82,681,642	77,534,313	3,841,585	1,305,744	----	192,184,743	109,503,101	37
(5)	(5)	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	38
587,380	10,300	63,309	506,971	5,500	1,300	----	1,647,456	1,604,144	1,021	8,291	34,000	2,815,269	1,167,813	39
850,693	5,056	34,664	809,193	1,780	----	----	56,779	32,780	4,143	16,476	3,380	1,186,941	1,130,162	40
983,776	45,960	76,995	836,774	23,347	----	700	1,945,159	1,688,018	2,578	17,105	237,458	3,829,172	1,884,013	41
47,618	1,364	----	46,254	----	----	----	3,592	2,107	285	1,200	----	61,035	57,443	42
1,028,589	53,612	80,110	864,729	27,415	1,300	1,423	2,326,639	1,976,420	2,457	15,394	332,368	3,920,936	1,594,297	43
25,087	4,300	1,820	18,196	771	----	----	26,551	23,449	2,307	231	564	82,954	56,403	44
591,542	76,192	83,592	300,523	122,594	6,609	2,032	1,814,244	1,742,076	19,836	52,332	----	2,738,861	924,617	45
409,731	104,014	13,153	278,995	9,696	----	3,873	398,674	388,731	1,319	8,624	----	989,981	591,307	46
(5)	----	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	47
7,174,515	126,966	705,170	5,987,078	292,047	25,216	38,038	15,280,155	15,134,989	34,940	110,226	----	29,690,981	14,410,826	48
476,782	36,649	78,529	333,607	26,779	1,218	----	409,373	322,465	70,771	13,837	2,300	1,368,077	958,704	49
2,500,813	359,566	396,216	1,010,940	715,517	----	18,574	5,543,808	5,416,312	60,080	49,785	17,631	11,279,825	5,736,017	50
395,108	60,626	50,583	236,578	47,321	----	----	540,456	528,058	1,016	11,216	166	1,169,930	629,474	51
774,181	46,077	59,467	615,219	51,702	----	1,716	1,977,859	1,878,220	905	10,109	88,625	3,205,246	1,227,387	52
1,026,968	171,306	102,303	665,274	88,085	----	----	2,354,883	2,273,222	57,180	24,481	----	4,707,263	2,352,380	53
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	54
747,124	84,419	88,598	515,428	54,091	4,588	----	3,579,087	3,508,492	12,248	58,347	----	6,330,012	2,750,925	55
3,408,610	132,990	94,723	3,163,477	9,726	1,976	5,718	218,559	122,638	26,919	51,800	17,202	4,443,890	4,225,331	56
1,345,816	94,005	92,723	1,126,061	33,027	----	----	4,306,494	4,109,245	1,273	18,698	177,278	6,596,613	2,290,119	57
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	58
1,000,000	180,736	118,882	626,535	63,389	6,608	3,850	2,201,957	2,160,404	13,355	28,198	----	3,996,485	1,794,528	59
3,573,078	276,465	977,968	2,101,785	64,647	144,437	7,776	10,862,489	10,043,396	644,757	174,336	----	20,971,070	10,108,581	60
190,743	26,440	34,854	77,234	52,215	----	----	311,629	305,756	1,899	2,614	1,360	832,455	520,826	61
17,658,819	199,079	6,169,716	9,642,293	1,046,278	503,453	98,000	10,743,516	10,263,525	218,491	110,700	150,800	38,275,287	27,531,771	62
961,063	46,999	101,989	400,391	411,684	----	----	1,161,958	927,899	16,962	217,097	----	4,328,047	3,166,089	63
1,824,106	256,467	141,711	1,245,769	166,624	6,091	7,444	3,379,468	3,228,762	65,277	83,378	2,051	7,459,608	4,080,140	64
965,468	88,069	203,860	652,332	21,207	----	----	1,482,349	1,437,894	14,114	30,341	----	2,904,424	1,422,075	65
1,955,019	252,398	196,936	1,049,044	452,172	4,469	----	4,162,805	4,085,887	37,041	39,877	----	7,348,030	3,185,225	66

TABLE 8.—GENERAL STATISTICS FOR THE

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
1	1	Cooking and other edible fats and oils, not elsewhere classified	3		675		141	506	27	1	
2	6	Cooperage	15	3	592	13	67	493	18	1	
3	3	Cordage and twine	5	2	434	7	50	357	20		
4	6	Cork products	8	1	719	8	72	547	84	5	3
5	4	Corsets and allied garments	26	6	3,799	28	226	3,391	142	4	8
6	20	Costume jewelery and costume novelties (jewelry other than fine jewelry)	4	2	193	5	7	181			
7	3	Cotton broad woven goods	22	5	1,279	29	89	1,124	37		
8	3	Cotton narrow fabrics	8	2	201	7	19	169	6		
9	3	Cotton yarn	8	7	283	9	17	228	29		
10	1	Cured fish	3	1	26	4	2	9	11		
11	4	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	12	5	755	11	31	685	25		3
12	14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	29	9	1,933	49	102	1,508	273	1	
13	20	Dental equipment and supplies	4	3	69	2	9	55	3		
14	7	Die-cut paper and paperboard, and converted cardboard	9	3	225	10	16	178	15		6
15	20	Dolls (except rubber)	6	1	654	10	44	579	17	4	
16	9	Drugs and medicines (including drug grinding)	65	4	4,393	94	598	2,592	1,004	64	41
17	3	Dyeing and finishing cotton, rayon, silk, and linen textiles	124	28	13,957	238	1,116	12,291	276	30	6
18	3	Dyeing and finishing woolen and worsted	3		735	7	121	587	20		
19	16	Electrical appliances	6	1	140	10	11	106	13		
20	16	Electrical measuring instruments	8	1	3,344	15	675	2,391	198	64	1
21	16	Electrical products not elsewhere classified	15	3	2,562	20	563	1,481	459	39	
22	16	Electric lamps	21	3	6,063	26	805	4,822	374	36	
23	15	Electroplating, plating, and polishing	30	27	262	14	12	231	5		
24	8	Electrotyping and stereotyping, not done in printing establishments	6	3	122	6	10	88	18		
25	17	Elevators, escalators, and conveyors	10		1,286	20	305	927	34		
26	4	Embroideries, other than Schiffli-machine products—contract factories	42	54	321	2	4	313	2		
27	4	Embroideries: Schiffli-machine products	327	335	3,024	97	71	2,772	82		2
28	14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	13	1	1,309	23	112	1,137	37		
29	14	Enameling, japanning, and lacquering	5	7	14			14			
30	15	Engraving on metal (except for printing purposes)	5	4	36	3	1	29	3		
31	8	Engraving (steel, copperplate, and wood); plate printing	25	9	626	36	40	517	33		
32	9	Explosives	5		2,654		191	2,439		24	
33	20	Fabricated plastic products, not elsewhere classified	21	2	1,421	39	143	1,163	46	28	2
34	14	Fabricated structural steel and ornamental metalwork, made in plants not operated in connection with rolling mills	52	11	1,539	81	149	1,277	31	1	
35	20	Feathers, plumes, and artificial flowers	5	5	118	2	6	108	2		
36	3	Felt goods, wool, hair, and jute (except woven felts and hat bodies and hats)	3		380	3	23	351	3		
37	9	Fertilizers	22	5	875	26	81	711	54	3	
38	7	Fiber cans, tubes, and similar products	14	5	1,241	19	147	1,050	21	4	
39	14	Files	3		177	6	24	143	4		
40	3	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	21	7	1,290	26	73	1,161	30		
41	9	Fireworks	11	2	177	14	14	142	6		1
42	9	Fish and other marine oils, cake, and meal	3		78	8	8	51	11		
43	1	Flavoring extracts and flavoring sirups, not elsewhere classified	17	9	212	12	39	130	31		
44	13	Floor and wall tile (except quarry tile)	14	4	1,217	21	61	1,091	34	10	
45	1	Flour and other grain-mill products	9	4	90	9	8	55	18		
46	1	Food preparations, not elsewhere classified	25	4	913	21	95	669	121	3	4
47	17	Food-products machinery	12	2	397	18	52	290	37		
48	12	Footwear (except rubber)	23	3	2,826	53	153	2,536	78	6	
49	14	Forgings, iron and steel—made in plants not operated in connection with rolling mills	10	5	560	12	50	482	16		
50	4	Fur coats and other fur garments, accessories, and trimmings	10	6	206	4	9	170	23		
51	20	Furs, dressed and dyed	17	5	1,765	38	96	1,560	55	16	
52	14	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	3		74	3	5	66			
53	20	Games and toys (except dolls and children's vehicles)	16	4	1,892	24	172	1,662	30	4	
54	8	General commercial (job) printing	350	293	4,483	174	493	3,401	415		
55	16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	31	3	4,838	45	929	3,602	249	5	8
56	13	Glass containers	7		3,856	11	372	3,386	67	20	
57	9	Glue and gelatin	6		263	9	62	177	5	10	
58	15	Gold and silver leaf and foil	4	4	65	2	21	24	18		
59	14	Gray-iron and semisteel-castings	46	13	3,141	69	215	2,807	50		
60	9	Grease and tallow (except lubricating greases)	17	9	452	28	36	345	35	6	2
61	8	Greeting cards (except hand-painted)	3	2	50		4	41	5		
62	4	Handkerchiefs—made in contract factories	11	5	962	12	11	939			
63	4	Handkerchiefs—made in inside factories or by jobbers engaging contractors	13	1	2,069	15	73	1,897	82		2
64	20	Hand stamps, stencils, and brands	13	12	171	9	27	122	13		
65	14	Hardware not elsewhere classified	15	9	761	15	84	611	35	16	
66	3	Hat bodies and hats, fur-felt	6		715	9	26	665	15		
67	3	Hatters' fur	8	6	521	7	23	480	11		
68	14	Heating and cooking apparatus, except electric, not elsewhere classified	6	3	100	6	15	76	3		
69	3	Hosiery, full-fashioned	49	19	6,425	47	218	6,108	28	21	3
70	4	House dresses, uniforms, and aprons—made in contract factories	54	47	2,866	28	43	2,792	2		1
71	4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	23	13	1,293	17	66	1,160	47		3
72	4	Housefurnishings (except curtains, draperies, and bedspreads)	18	13	610	10	71	496	33		
73	6	Household furniture, except upholstered	25	6	1,359	45	94	1,159	60		1
74	1	Ice cream and ices	62	32	942	31	70	352	455	12	22

See footnotes at end of table.

STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
1,099,320	----------	337,078	686,647	74,071	1,524	----------	17,510,588	17,284,372	126,568	81,114	18,534	22,010,112	4,499,524	1
894,187	80,668	170,294	611,572	29,403	2,250	----------	1,392,462	1,366,891	13,393	12,178	----------	2,661,134	1,268,672	2
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	3
1,096,479	44,561	135,989	708,949	194,608	7,807	4,565	2,450,671	2,256,609	134,091	59,971	----------	5,325,785	2,875,114	4
3,653,808	222,464	486,641	2,737,295	193,269	5,099	9,040	5,023,328	4.745,218	4,147	33,592	240,371	10,311,664	5,288,336	5
111,508	40,250	4,223	67,035	----------	----------	----------	128,495	117,476	432	587	10,000	287,806	159,311	6
1,524,207	160,161	160,651	1,078,812	124,583	----------	----------	2,442,411	2,353,737	49,442	36,143	3,089	5,256,710	2,814,299	7
257,060	37,778	33,353	173,271	12,658	----------	----------	298,308	285,598	2,389	10,321	----------	715,384	417,076	8
315,965	66,691	29,846	176,892	42,536	----------	----------	1,440,770	1,409,264	4,695	19,173	7,638	2,164,422	723,652	9
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	10
486,943	36,339	50,215	352,931	43,077	----------	4,381	1,731,416	1,713,502	2,791	10,255	4,868	2,628,677	897,261	11
2,899,878	410,185	233,212	1,701,263	553,469	1,749	----------	2,163,822	2,021,388	44,500	73,400	24,534	6,587,316	4,423,494	12
83,382	14,274	14,939	42,386	11,783	----------	----------	173,377	160,279	3,036	10,062	----------	346,385	173,008	13
357,749	80,780	29,434	193,833	36,496	----------	17,206	433,203	422,143	1,984	9,076	----------	1,072,566	639,363	14
665,350	76,570	63,784	486,658	33,250	5,088	----------	581,532	550,074	9,177	8,095	14,186	1,501,409	919,877	15
7,761,221	1,030,812	1,294,040	2,993,786	2,260,105	116,117	66,361	16,722,328	16,191,727	314,682	164,477	51,442	48,723,034	32,000,706	16
17,485,205	1,490,605	2,209,295	13,172,188	593,632	12,345	7,140	19,742,606	17,091,545	2,187,767	462,542	752	46,206,989	26,464,383	17
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	18
162,792	33,362	11,682	101,845	15,903	----------	----------	355,861	344,172	3,554	6,038	2,097	601,504	245,643	19
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	20
4,410,465	104,566	1,372,832	2,264,481	512,474	156,112	----------	3,421,547	3,250,664	57,891	112,992	----------	10,731,055	7,309,508	21
8,516,135	197,545	1,856,751	5,608,920	767,714	85,205	----------	10,259,057	9,756,168	159,840	313,758	29,291	32,547,781	22,288,724	22
314,074	35,378	15,749	256,561	6,386	----------	----------	154,142	115,979	13,826	24,337	----------	737,839	583,697	23
263,647	32,878	16,184	177,464	37,121	----------	----------	84,356	65,646	5,419	10,454	2,837	506,217	421,861	24
2,217,473	119,511	634,934	1,382,594	80,434	----------	----------	2,474,429	2,297,476	45,151	55,763	76,039	8,136,662	5,662,233	25
241,684	3,840	5,748	230,059	2,037	----------	----------	86,290	58,226	4,761	3,809	19,494	542,048	455,758	26
3,059,218	335,715	127,427	2,444,864	149,327	----------	1,885	4,894,695	3,884,714	56,882	113,377	839,722	10,777,329	5,882,634	27
1,986,153	170,252	270,264	1,455,625	90,012	----------	----------	2,643,806	2,413,189	98,971	104,875	26,771	6,125,547	3,481,741	28
14,960	----------	----------	14,960	----------	----------	----------	18,158	16,082	1,494	582	----------	58,290	40,132	29
67,556	17,488	3,400	43,216	3,452	----------	----------	6,252	4,625	183	619	825	102,884	96,632	30
1,010,137	180,131	74,188	711,081	44,737	----------	----------	178,649	150,898	11,215	10,238	6,298	1,485,691	1,307,042	31
(5)	----------	(5)	(5)	----------	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	32
1,870,924	228,489	300,289	1,201,415	83,839	46,569	10,323	2,018,200	1,861,306	72,736	84,008	150	4,684,397	2,666,197	33
2,368,035	281,606	313,968	1,696,928	74,233	1,300	----------	6,706,726	6,553,149	47,466	49,749	56,362	10,770,139	4,063,413	34
55,801	2,260	3,650	47,891	2,000	----------	----------	58,593	56,595	887	1,111	----------	143,455	84,862	35
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	36
1,183,757	77,958	143,339	832,334	125,939	4,187	----------	4,947,070	4,842,021	72,102	32,947	----------	7,106,755	2,159,685	37
1,578,232	59,187	261,983	1,214,442	35,102	7,518	----------	2,829,828	2,679,082	97,374	53,372	----------	6,454,288	3,624,460	38
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	39
1,307,532	158,239	108,150	991,949	49,194	----------	----------	2,494,382	2,409,830	41,874	31,126	11,552	4,457,622	1,963,240	40
240,631	81,370	29,157	117,308	12,296	----------	500	222,835	207,248	11,436	4,151	----------	689,405	466,570	41
293,445	162,665	14,532	82,322	33,926	----------	----------	452,755	401,624	40,214	10,917	----------	923,300	470,545	42
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	43
1,246,502	88,761	97,891	984,042	61,135	14,673	----------	1,251,302	969,286	226,649	55,367	----------	3,154,098	1,902,796	44
174,382	46,789	17,923	67,322	42,348	----------	----------	1,119,324	1,095,433	2,121	21,770	----------	1,378,916	259,592	45
1,109,493	84,748	221,054	650,903	146,716	2,878	3,194	8,686,650	8,588,666	38,219	59,765	----------	12,211,018	3,524,368	46
720,202	100,719	105,642	445,863	67,978	----------	----------	845,592	798,460	11,929	17,541	17,662	2,040,410	1,194,818	47
2,805,212	292,900	270,734	2,051,555	183,978	6,045	----------	4,178,942	4,093,069	9,728	36,267	39,878	8,000,688	3,821,746	48
1,049,289	108,231	132,876	739,680	68,502	----------	----------	1,310,825	1,081,910	196,010	17,923	14,982	3,461,210	2,150,385	49
328,758	34,391	27,385	244,727	22,255	----------	----------	1,071,791	1,053,599	532	7,953	9,707	1,597,795	526,004	50
3,959,107	249,892	351,886	3,162,614	169,680	25,035	----------	1,056,564	970,607	28,479	57,478	----------	7,014,721	5,958,157	51
94,454	20,119	7,462	66,873	----------	----------	----------	105,864	95,626	9,609	629	----------	306,205	200,341	52
1,969,717	173,744	333,890	1,359,126	95,922	7,035	----------	2,250,692	2,182,612	29,265	38,815	----------	6,108,627	3,857,935	53
7,551,879	689,758	1,014,147	5,038,973	809,001	----------	----------	7,084,354	6,068,315	82,595	170,522	762,922	18,621,829	11,537,475	54
8,150,950	346,070	1,901,504	5,318,271	569,266	7,463	8,376	9,841,295	9,530,596	127,104	151,945	31,650	24,997,846	15,156,551	55
5,235,355	85,486	686,499	4,234,375	197,892	31,103	----------	6,559,079	4,831,805	1,279,477	447,797	----------	17,360,113	10,801,034	56
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	57
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	58
4,283,552	375,853	412,664	3,419,427	75,608	----------	----------	3,044,067	2,535,883	317,530	146,373	44,281	9,198,148	6,154,081	59
789,001	132,640	69,003	512,535	66,361	6,962	1,500	4,433,785	4,288,678	112,348	32,759	----------	5,840,852	1,407,067	60
(5)	----------	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	61
659,034	47,652	17,387	593,995	----------	----------	----------	140,301	116,662	766	11,209	11,664	1,002,796	862,495	62
1,836,640	163,442	118,455	1,412,036	141,216	----------	1,491	5,226,852	4,802,421	10,610	17,188	396,633	8,068,396	2,841,544	63
240,073	51,970	36,166	128,707	23,230	----------	----------	197,679	189,055	3,506	4,507	611	567,184	369,505	64
1,024,253	137,957	116,071	654,565	93,695	21,965	----------	1,251,391	1,205,456	12,819	27,877	5,239	3,047,601	1,796,210	65
965,514	56,525	55,014	823,772	30,203	----------	----------	1,285,196	1,191,389	51,890	37,269	4,648	2,524,842	1,239,646	66
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	67
163,687	21,140	27,365	110,385	4,797	----------	----------	231,113	222,480	1,039	3,111	4,483	492,744	261,631	68
7,644,843	268,991	394,752	6,896,723	51,870	27,453	5,054	8,761,386	7,976,699	86,593	148,727	549,367	18,453,704	9,692,318	69
1,743,018	52,161	57,497	1,630,200	2,560	----------	600	112,884	67,918	9,573	34,094	1,299	2,259,424	2,146,540	70
1,107,029	83,595	92,135	794,083	133,716	----------	3,500	3,625,038	3,154,917	5,647	21,076	443,398	5,916,205	2,291,167	71
664,777	60,869	102,244	405,697	95,967	----------	----------	1,609,245	1,578,139	9,681	14,425	7,000	2,916,306	1,307,061	72
1,789,762	195,551	159,998	1,313,969	119,020	----------	1,224	2,432,352	2,370,083	30,398	29,445	2,426	5,348,628	2,916,276	73
1,578,874	111,740	132,945	466,456	802,754	37,961	27,018	3,790,624	3,616,503	34,184	139,937	----------	7,758,225	3,967,601	74

TABLE 8. GENERAL STATISTICS FOR THE

	Group	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS[1] Total[2]	Salaried officers of corporations[2]	Manufacturing: Salaried employees[2]	Manufacturing: Wage earners (average for year)[2]	Distribution	Construction	Other
1	1	Ice, manufactured	103	21	836	59	108	520	135	4	10
2	12	Industrial leather belting and packing leather	6	1	47	8	4	24	11		
3	17	Industrial machinery, not elsewhere classified	38	14	4,542	48	902	3,390	160	34	9
4	9	Insecticides, fungicides, and related industrial and household chemical compounds	61	10	1,265	64	240	816	126	14	5
5	19	Insulated wire and cable	6		851	14	72	736	26	3	
6	15	Jewelers' findings and materials	7	4	330	7	23	265	35		
7	20	Jewelry cases and instrument cases	9	6	520	9	47	398	66		
8	15	Jewelry (precious metals)	65	32	2,044	88	291	1,531	126		8
9	3	Knitted cloth	16	6	1,070	12	82	958	18		
10	3	Knitted outerwear (except knit gloves)—contract factories	21	22	862	8	26	828			
11	3	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	29	17	1,141	31	67	1,005	36	2	
12	3	Lace goods	11	9	686	18	37	596	35		
13	20	Lamp shades	3	1	444	3	22	384	33	2	
14	15	Lapidary work	3	4	79	3	6	66	2		2
15	12	Leather goods not elsewhere classified	13	7	655	17	15	608	15		
16	12	Leather: tanned, curried, and finished—contract factories	21	16	653	29	24	588	12		
17	12	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	32	4	2,689	74	140	2,390	77	8	
18	15	Lighting fixtures	21	9	1,399	30	150	1,181	38		
19	13	Lime	3		113	4	16	71	22		
20	3	Linoleum, asphalted-felt base, and other hard-surface floor coverings, not elsewhere classified	8		2,488	19	230	2,055	182	2	
21	9	Linseed oil, cake, and meal	3		1,031		68	963			
22	1	Liquors, distilled	3	1	100	5	10	51	33	1	
23	1	Liquors, rectified or blended	12	1	344	9	72	258	4		1
24	8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	14	3	926	28	121	733	44		
25	9	Lubricating oils and greases—not made in petroleum refineries	18	2	386	8	57	253	65	2	1
26	1	Macaroni, spaghetti, vermicelli, and noodles	11	8	476	7	39	326	104		
27	8	Machine and hand typesetting (including advertisement typesetting)	16	8	423	20	63	338	2		
28	17	Machine-shop products, not elsewhere classified	99	44	3,168	121	466	2,121	337	28	95
29	17	Machine-shop repairs	31	21	244	18	29	194	3		
30	17	Machine-tool and other metalworking-machinery accessories, metal cutting and shaping tools, and machinists' precision tools	56	24	898	56	68	750	17	1	6
31	17	Machine tools	5		613	12	78	492	31		
32	14	Malleable-iron castings	3		816	8	66	730	12		
33	1	Malt liquors	14		3,151	38	218	1,350	1,352	101	92
34	6	Mattresses and bedsprings	39	34	1,745	26	239	1,397	82		1
35	17	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	4	1	376	7	35	302	28	1	3
36	1	Meat packing, wholesale	31	11	4,110	43	428	3,070	558	4	7
37	17	Mechanical power-transmission equipment	7	1	2,105	12	342	1,603	146	2	
38	4	Men's and boys' hats and caps (except felt and straw)	12	17	304	4	20	266	14		
39	4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in contract factories	14	10	1,614	9	44	1,556	2		3
40	4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	26	16	4,164	19	198	3,922	24		1
41	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	88	76	8,031	106	212	7,685	12	1	15
42	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	21	12	2,643	16	102	2,463	56		6
43	4	Men's neckwear—made in contract factories	9	9	310	1	6	302	1		
44	4	Men's neckwear—made in inside factories or by jobbers engaging contractors	11	6	343	14	19	294	14		2
45	17	Metalworking machinery and equipment, not elsewhere classified	10	4	2,162	10	699	1,447	4	2	
46	4	Millinery	34	18	1,096	56	65	929	65	1	
47	13	Minerals and earths, ground or otherwise treated	7		132	15	19	83	13	2	
48	13	Mineral wool	4		222	3	19	184	8	8	
49	6	Mirror frames and picture frames	3		94	6	4	82	2		
50	13	Mirrors and other glass products made of purchased glass	38	25	956	40	67	813	31	4	1
51	20	Miscellaneous fabricated products not elsewhere classified	32	26	1,055	30	71	870	80	4	
52	4	Miscellaneous fabricated textile products not elsewhere classified	16	8	333	21	11	285	14	2	
53	20	Models and patterns (except paper patterns)	30	25	190	15	8	165	2		
54	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	23	8	221	26	27	147	18		3
55	18	Motor vehicles, motor-vehicle bodies, parts and accessories	58	7	11,223	50	1,170	8,979	1,018	3	3
56	9	Mucilage, paste, and other adhesives, except glue and rubber cement	3		29	2	3	20	4		
57	20	Musical instruments, parts, and materials not elsewhere classified	5	4	127	9	12	102	1	3	
58	20	Needles, pins, hooks and eyes, and slide and snap fasteners	7		421	10	17	387	7		
59	8	Newspapers: publishing and printing	177	97	5,539	166	1,784	2,742	843	4	
60	8	Newspapers: publishing without printing	32	10	103	12	80	2	9		
61	1	Nonalcoholic beverages	153	95	1,853	108	170	777	738	40	20
62	13	Nonclay refractories	4		255	1	27	215	11		1
63	15	Nonferrous-metal foundries (except aluminum)	33	28	399	12	34	339	10		4
64	15	Nonferrous-metal products not elsewhere classified	30	13	1,538	38	216	1,206	46	13	19
65	17	Office and store machines not elsewhere classified	5	1	1,110	10	227	837	36		
66	6	Office furniture	3		343	8	57	218	45	15	
67	14	Oil burners, domestic and industrial	13	1	138	17	26	78	17		
68	20	Ophthalmic goods: lenses and fittings	9	1	556	21	48	455	27	5	
69	9	Paints, varnishes, and lacquers	101	19	5,354	141	995	3,269	882	34	33
70	7	Paper and paperboard mills	35		4,943	47	349	4,468	54	25	

See footnotes at end of table

STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
1,236,744	171,578	196,639	694,089	161,667	5,171	7,600	982,907	159,455	92,392	731,060	----------	4,274,633	3,291,726	1
99,574	28,920	7,625	38,279	24,750	----------	----------	325,441	322,765	685	1,991	----------	546,268	220,827	2
7,505,825	309,629	1,849,141	4,963,086	318,402	54,170	11,397	7,514,617	6,908,373	260,077	328,033	18,134	23,185,379	15,670,762	3
2,139,791	365,814	487,977	1,021,908	241,361	16,437	6,294	8,887,020	8,673,109	129,841	61,911	22,159	15,769,202	6,882,182	4
1,093,355	92,418	162,926	782,542	48,874	6,595	----------	4,567,165	4,432,621	70,392	64,152	----------	6,574,643	2,007,478	5
536,387	76,732	45,415	361,349	52,891	----------	----------	1,722,042	1,689,557	6,719	8,430	17,336	2,507,388	785,346	6
764,487	58,096	80,256	476,751	149,384	----------	----------	774,196	758,275	4,774	11,147	----------	1,790,663	1,016,467	7
3,347,881	606,151	477,752	1,884,764	370,776	----------	8,438	3,737,828	3,662,185	17,477	30,751	27,415	8,604,647	4,866,819	8
1,298,032	100,967	184,503	967,486	45,076	----------	----------	5,413,545	5,222,125	64,578	56,572	70,270	8,005,652	2,592,107	9
708,844	13,784	52,590	642,470	----------	----------	----------	186,336	160,497	5,871	19,040	928	1,218,892	1,032,556	10
1,223,885	117,622	100,568	935,839	65,940	3,916	----------	2,386,979	2,273,433	10,005	27,722	75,819	4,491,444	2,104,465	11
850,663	73,675	57,656	679,919	39,413	----------	----------	580,705	528,853	35,554	14,305	1,993	1,812,173	1,231,468	12
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	13
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	14
682,526	72,619	29,272	541,258	39,377	----------	----------	663,637	647,023	5,365	10,249	1,000	1,633,437	969,800	15
952,762	161,028	46,696	727,234	17,804	----------	----------	907,751	758,596	65,247	34,472	49,436	2,213,563	1,305,812	16
4,231,333	569,733	326,070	3,144,494	179,613	11,423	----------	12,511,752	11,487,233	200,584	100,897	723,038	19,321,709	6,809,957	17
2,021,947	235,675	338,269	1,361,356	86,647	----------	----------	3,072,413	3,006,734	18,265	47,261	153	6,146,613	3,074,200	18
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	19
3,988,657	224,213	479,586	2,884,358	396,943	3,557	----------	7,537,180	7,104,870	249,309	154,902	28,099	17,910,987	10,373,807	20
(5)	----------	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	21
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	22
487,655	26,119	137,019	311,689	11,673	----------	1,155	2,224,656	2,199,718	11,530	13,408	----------	3,589,986	1,365,330	23
1,546,370	251,719	215,357	982,622	96,672	----------	----------	1,468,590	1,368,727	15,770	32,353	51,740	3,921,228	2,452,638	24
786,282	87,100	146,662	357,819	192,676	1,765	260	5,205,441	5,130,597	54,257	15,081	5,506	8,514,125	3,308,684	25
730,344	72,566	84,242	310,974	229,346	33,216	----------	1,475,365	1,406,464	23,824	45,077	----------	3,329,712	1,854,347	26
752,469	38,637	108,876	601,035	3,921	----------	----------	105,227	84,274	5,214	15,388	351	1,011,128	905,901	27
5,646,225	789,835	896,341	2,981,596	750,658	29,602	198,193	6,258,309	5,980,201	91,396	140,915	45,797	15,547,720	9,289,411	28
354,303	41,321	52,587	255,826	4,569	----------	----------	257,291	236,549	6,463	14,241	38	786,735	529,444	29
1,651,374	295,239	135,128	1,188,299	25,959	953	5,796	648,976	568,689	12,593	43,827	23,867	2,815,191	2,166,215	30
1,182,502	83,850	210,468	810,957	77,227	----------	----------	681,043	642,361	7,818	27,060	3,804	2,118,880	1,437,837	31
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	32
7,969,358	524,884	471,229	2,919,354	3,405,712	221,892	426,287	11,060,609	10,587,231	350,714	122,664	----------	36,208,479	25,147,870	33
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	34
542,686	38,975	73,362	371,879	55,815	1,125	1,500	395,567	373,432	10,405	11,730	----------	1,363,602	968,035	35
6,976,903	278,283	886,021	4,528,010	1,265,029	8,572	10,988	68,237,693	67,418,562	325,640	195,386	298,105	78,094,977	9,857,284	36
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	37
256,228	9,855	41,268	183,504	21,601	----------	----------	377,133	366,960	3,089	7,084	----------	815,431	438,298	38
1,094,755	25,509	70,901	995,013	832	----------	2,500	111,295	91,473	4,532	15,290	----------	1,395,700	1,284,405	39
3,132,318	110,561	300,749	2,658,702	60,761	----------	1,545	8,439,070	6,949,455	26,550	32,107	1,430,958	13,128,849	4,689,779	40
7,491,681	307,928	325,655	6,836,528	11,795	1,040	8,735	670,982	358,887	46,674	75,345	190,076	9,519,791	8,848,809	41
2,951,384	82,405	155,879	2,564,349	142,751	----------	6,000	6,115,642	5,344,703	16,022	31,153	723,764	10,493,530	4,377,888	42
185,927	8,000	8,125	169,438	364	----------	----------	54,735	50,264	362	4,109	----------	298,035	243,300	43
284,494	52,940	21,168	194,559	15,182	----------	645	894,471	736,907	399	4,696	152,469	1,725,965	831,494	44
3,896,235	50,770	1,295,551	2,546,728	1,900	1,286	----------	2,931,104	2,813,844	30,837	60,970	25,453	7,621,291	4,690,187	45
1,274,691	133,791	99,377	978,463	62,169	891	----------	1,656,834	1,621,707	10,847	22,391	1,889	3,618,290	1,961,456	46
260,102	93,513	40,467	94,117	28,005	4,000	----------	456,231	386,189	11,471	58,279	292	1,057,144	600,913	47
269,335	16,050	34,662	192,384	13,877	12,362	----------	474,022	402,296	55,703	16,023	----------	964,928	490,906	48
134,503	34,460	6,026	90,472	3,545	----------	----------	201,999	201,367	1,502	2,130	----------	399,036	194,037	49
1,097,974	154,381	95,185	803,674	42,473	2,149	112	1,226,438	1,161,945	35,703	26,778	2,012	2,864,892	1,638,454	50
1,377,711	178,909	141,009	889,101	162,920	5,772	----------	998,193	869,585	20,194	24,978	83,736	3,248,371	2,249,878	51
376,266	108,739	24,416	227,425	12,994	2,692	----------	590,281	563,196	7,864	8,432	10,789	1,408,672	818,391	52
322,572	43,968	13,222	264,528	854	----------	----------	101,574	89,281	3,510	8,543	240	586,330	484,756	53
352,225	62,427	45,516	205,841	36,859	----------	1,582	487,431	406,781	3,752	23,715	53,183	1,065,871	578,440	54
18,528,743	231,172	2,406,076	13,994,272	1,886,234	9,000	1,989	84,104,914	83,184,695	475,753	440,349	4,117	112,425,824	28,320,910	55
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	56
159,231	51,061	15,177	86,966	794	5,233	----------	112,969	106,938	3,179	2,852	----------	311,834	198,865	57
615,470	118,099	42,285	430,202	24,884	----------	----------	307,607	284,603	13,252	9,752	----------	1,262,518	954,911	58
10,861,570	1,115,213	3,684,751	4,752,819	1,302,573	6,214	----------	4,044,814	3,545,388	135,831	172,448	191,147	21,604,952	17,560,138	59
125,156	23,907	84,005	3,077	14,167	----------	----------	232,725	13,501	199	1,174	217,851	448,745	216,020	60
3,028,409	424,524	328,608	999,922	1,178,925	64,217	32,213	4,458,455	4,282,974	66,952	98,463	10,066	10,884,923	6,426,468	61
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	62
569,071	53,285	55,572	430,592	20,130	----------	9,492	1,403,209	1,334,300	45,061	23,848	----------	2,506,159	1,102,950	63
2,566,057	242,174	471,105	1,684,725	106,760	27,607	33,686	4,975,475	4,717,518	103,280	130,570	24,107	10,748,023	5,772,548	64
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	65
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	66
259,775	89,773	42,391	91,498	36,113	----------	----------	1,352,261	1,338,825	6,379	5,461	1,596	1,816,718	464,457	67
618,579	132,495	71,943	363,617	45,263	5,260	----------	859,939	834,550	5,129	15,539	4,721	1,880,062	1,020,123	68
9,682,187	934,292	1,918,023	4,960,169	1,788,274	45,670	35,759	34,570,048	33,828,945	438,146	272,685	30,272	62,585,006	28,014,958	69
8,035,575	505,011	967,175	6,369,153	168,656	25,580	----------	21,623,791	18,219,080	2,474,227	929,944	540	39,927,897	18,304,106	70

TABLE 8.—GENERAL STATISTICS FOR THE

	Group	INDUSTRY	*Number of establishments	*Proprietors and firm members	* PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
1	7	Paper bags, except those made in paper mills	6		269	7	26	210	26		
2	7	Paperboard containers and boxes not elsewhere classified	67	15	5,375	108	428	4,444	349	22	24
3	17	Paper-mill, pulp-mill, and paper-products machinery	3		500	11	85	385	17	2	
4	6	Partitions, shelving, cabinet work, and office and store fixtures	26	19	441	8	72	347	13		1
5	10	Paving blocks and paving mixtures, asphalt, creosoted wood, and composition	9	1	219		22	197			
6	20	Pencils (except mechanical) and crayons	8		1,769	20	127	1,298	290	34	
7	20	Pens, mechanical pencils, and pen points	12	4	1,689	18	122	1,441	108		
8	9	Perfumes, cosmetics, and other toilet preparations	34	4	2,540	43	208	1,683	565	10	31
9	8	Periodicals: publishing and printing	11	1	196	5	34	136	20	1	
10	8	Periodicals: publishing without printing	18	5	172	18	105	14	35		
11	10	Petroleum refining	9		9,713		1,261	6,115	8	2,131	198
12	8	Photoengraving, not done in printing establishments (including preparation of plates)	10	13	152	14	19	92	27		
13	20	Photographic apparatus and materials and projection equipment (except lenses)	4		1,080	7	104	951	11	7	
14	1	Pickled fruits and vegetables and vegetable sauces and seasonings	16	10	644	15	41	555	23	10	
15	5	Planing mills not operated in conjunction with sawmills	85	32	877	54	78	689	51		5
16	9	Plastic materials	13	1	5,269	11	1,104	3,779	205	168	2
17	13	Porcelain electrical supplies	13		1,805	26	146	1,597	35		1
18	13	Pottery products not elsewhere classified	13	4	986	24	83	826	53		
19	1	Poultry dressing and packing, wholesale	7	8	102	10	7	72	11		2
20	14	Power boilers and associated products	12	2	590	18	85	472	15		
21	1	Prepared feeds (including mineral) for animals and fowls	31	30	458	16	73	301	65		3
22	1	Preserves, jams, jellies, and fruit butters	5		254	12	21	162	59		
23	15	Primary smelting and refining of nonferrous metals	3		4,556		610	3,672		230	44
24	9	Printing ink	18	2	473	24	148	249	52		
25	17	Printing-trades machinery and equipment	11	1	1,597	22	241	1,198	80		56
26	3	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	5		225	6	26	187	6		
27	20	Professional and scientific instruments (except surgical and dental)	15	4	1,410	15	239	1,128	28		
28	6	Public-building furniture	4	2	73	5	6	60	2		
29	17	Pumping equipment and air compressors	16	6	3,573	29	944	2,488	71	30	11
30	16	Radios, radio tubes, and phonographs	17		16,016	45	2,194	11,803	1,596	374	4
31	3	Rayon broad woven goods—contract factories	29	13	1,072	35	35	996	6		
32	3	Rayon broad woven goods—regular factories or jobbers engaging contractors	31	19	2,162	32	115	1,995	20		
33	3	Rayon narrow fabrics	25	16	860	15	60	741	43		1
34	3	Rayon throwing and spinning—contract factories	8	5	218	5	8	204	1		
35	3	Rayon yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	12	2	662	13	34	604	11		
36	17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	14	5	858	16	121	583	129	9	
37	4	Robes, lounging garments, and dressing gowns	16	24	513	7	12	484			10
38	10	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	15	8	1,824	7	267	1,483	51	15	1
39	11	Rubber products not elsewhere classified	51	2	12,211	106	1,419	9,709	741	211	25
40	1	Salad dressings	3	2	109	1	8	98	2		
41	13	Sand-lime brick, block and tile	5	3	83	1	7	64	9	2	
42	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	44	26	684	42	62	333	220	9	18
43	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	28	30	388	9	22	344	12	1	
44	17	Scales and balances	8	4	317	9	55	214	37	2	
45	14	Screw-machine products and wood screws	7	1	272	10	34	217	11		
46	15	Secondary smelting and refining, gold, silver, and platinum	14	4	1,036	18	82	679	215		42
47	15	Secondary smelting and refining of nonferrous metals, not elsewhere classified	9	4	547	9	111	396	20	8	3
48	15	Sheet-metal work not specifically classified	68	27	1,612	80	162	1,273	94		3
49	19	Shipbuilding and ship repairing	33	15	14,401	52	1,883	12,300	17	61	88
50	20	Signs, advertising displays, and advertising novelties	56	29	1,494	75	137	948	334		
51	3	Silk broad woven goods—contract factories	18	13	321	6	17	296	2		
52	3	Silk broad woven goods—regular factories or jobbers engaging contractors	34	20	1,474	32	54	1,362	24		2
53	3	Silk narrow fabrics	40	14	1,741	38	126	1,551	26		
54	3	Silk throwing and spinning—contract factories	8	6	484	4	15	464	1		
55	3	Silk yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	3		684	1	24	658	1		
56	15	Silverware and plated ware	18	7	759	25	90	618	26		
57	12	Small leather goods	9	1	750	13	40	684	13		
58	9	Soap and glycerin	19	1	3,354	12	474	2,480	387	1	
59	17	Special-industry machinery, not elsewhere classified	19	7	738	29	122	562	24		1
60	20	Sporting and athletic goods not elsewhere classified	18	6	399	15	33	286	65		
61	14	Stamped and pressed metal products (except automobile stampings)	39	15	2,407	42	243	2,071	51		
62	13	Statuary and art goods (except stone and concrete)—factory production	5	10	28		1	27			
63	14	Steam and hot-water heating apparatus (including hot-water furnaces)	6		1,058		70	988			
64	13	Steam and other packing; pipe and boiler covering	13	2	236	20	24	150	41	1	
65	14	Steam fittings, regardless of material	1	4	502	18	61	337	86		
66	14	Steel barrels, kegs, and drums	5		588	3	44	506	35		
67	14	Steel castings	3		374	5	48	310	7	4	
68	14	Steel works and rolling mills	6		7,477	10	516	6,924	27		
69	14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	10	1	442	11	82	311	38		
70	12	Suitcases, brief cases, bags, trunks, and other luggage	22	9	1,228	37	59	1,056	75	1	

See footnotes at end of table.

STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
407, 276	79, 099	73, 583	177, 237	77, 357	----	----	1, 057, 372	1, 040, 549	5, 719	11, 104	----	1, 911, 497	854, 125	1
7, 357, 036	868, 797	869, 415	4, 770, 775	751, 935	37, 864	58, 250	16, 204, 664	15, 883, 885	126, 709	165, 445	28, 625	29, 793, 025	13, 588, 361	2
897, 061	158, 001	165, 804	511, 145	48, 021	14, 090	----	960, 789	936, 690	5, 413	18, 686	----	2, 683, 303	1, 722, 514	3
628, 453	17, 500	125, 251	469, 062	14, 140	----	2, 500	1, 071, 425	950, 745	11, 136	24, 913	84, 631	2, 227, 451	1, 156, 026	4
310, 799	----	29, 390	281, 409	----	----	----	1, 328, 877	1, 170, 560	147, 431	5, 043	5, 843	2, 559, 179	1, 230, 302	5
2, 140, 025	157, 817	251, 220	1, 250, 763	431, 375	48, 850	----	1, 943, 235	1, 839, 227	63, 413	40, 595	----	4, 403, 200	2, 459, 965	6
2, 113, 981	234, 172	206, 594	1, 469, 688	203, 527	----	----	2, 510, 188	2, 446, 893	24, 190	38, 668	437	6, 277, 562	3, 767, 374	7
3, 591, 017	442, 954	478, 253	1, 716, 373	897, 328	11, 608	44, 501	12, 164, 894	12, 028, 783	54, 239	52, 682	29, 190	35, 633, 151	23, 468, 257	8
333, 946	17, 540	63, 101	208, 339	42, 886	2, 080	----	231, 446	196, 323	5, 630	8, 493	21, 000	844, 578	613, 132	9
339, 961	95, 645	167, 752	8, 866	67, 698	----	----	1, 055, 396	385, 834	1, 000	970	667, 592	2, 049, 127	993, 731	10
20, 386, 714	----	3, 412, 495	11, 817, 543	16, 509	4, 783, 080	357, 087	142, 973, 512	136, 116, 906	6, 148, 081	203, 275	505, 250	213, 963, 061	70, 989, 549	11
412, 911	66, 191	54, 215	247, 670	44, 835	----	----	105, 906	94, 732	848	8, 430	1, 896	680, 876	574, 970	12
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	13
496, 187	66, 940	53, 459	313, 779	47, 709	14, 300	----	2, 261, 114	2, 210, 649	36, 735	13, 730	----	3, 924, 066	1, 662, 952	14
1, 377, 516	187, 905	137, 645	936, 384	109, 574	----	6, 008	2, 847, 350	2, 733, 195	21, 930	72, 811	19, 414	5, 271, 506	2, 424, 156	15
8, 533, 049	114, 485	2, 356, 967	5, 110, 577	678, 002	262, 752	10, 266	16, 845, 932	16, 181, 521	347, 428	269, 949	47, 034	33, 336, 642	16, 490, 710	16
2, 070, 290	162, 582	242, 756	1, 577, 054	83, 604	3, 343	951	876, 863	652, 195	165, 608	48, 495	10, 565	4, 072, 978	3, 196, 115	17
1, 243, 634	147, 559	159, 663	848, 277	88, 135	----	----	355, 587	262, 216	69, 366	24, 005	----	2, 158, 674	1, 803, 087	18
128, 397	26, 272	10, 155	77, 409	12, 750	----	1, 811	990, 021	985, 319	1, 061	3, 641	----	1, 180, 309	190, 288	19
901, 896	96, 747	149, 585	631, 486	24, 078	----	----	1, 483, 312	1, 409, 742	15, 397	51, 138	7, 035	3, 100, 120	1, 616, 808	20
594, 728	51, 558	119, 133	325, 436	95, 249	----	3, 352	4, 879, 435	4, 805, 102	32, 911	41, 422	----	6, 672, 648	1, 793, 213	21
341, 171	63, 503	50, 318	132, 550	94, 800	----	----	1, 464, 252	1, 450, 495	9, 675	4, 082	----	2, 130, 127	665, 875	22
7, 519, 998	----	1, 427, 670	5, 625, 920	----	388, 463	77, 945	237, 486, 580	235, 589, 744	1, 804, 104	92, 732	----	246, 917, 393	9, 430, 813	23
980, 320	134, 195	295, 550	374, 036	176, 539	----	----	3, 283, 578	3, 194, 683	24, 414	61, 855	2, 626	7, 111, 257	3, 827, 679	24
3, 057, 255	214, 333	607, 597	2, 023 343	150, 695	----	61, 287	1, 921, 916	1, 801, 636	42, 818	63, 146	14, 316	6, 035, 814	4, 113, 898	25
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	26
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	27
79, 887	7, 618	7, 554	61, 790	2, 925	----	----	61, 291	58, 594	940	1, 757	----	161, 117	99, 826	28
6, 351, 826	189, 354	1, 995, 004	3, 818, 686	235, 841	101, 198	11, 743	5, 904, 298	5, 677, 436	192, 084	34, 610	168	17, 680, 878	11, 776, 580	29
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	30
848, 022	61, 033	41, 644	739, 996	5, 349	----	----	131, 067	79, 523	3, 052	48, 492	----	1, 292, 592	1, 161, 525	31
2, 412, 743	153, 447	190, 137	1, 986, 597	82, 562	----	----	5, 487, 209	4, 987, 113	18, 640	75, 399	406, 057	9, 953, 672	4, 466, 463	32
936, 903	55, 557	101, 601	721, 955	56, 750	----	1, 040	998, 790	943, 597	12, 938	34, 841	7, 414	2, 424, 407	1, 425, 617	33
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	34
580, 486	63, 040	62, 705	432, 640	22, 101	----	----	2, 019, 081	1, 966, 254	13, 286	39, 024	517	3, 011, 268	992, 187	35
1, 219, 421	78, 366	177, 700	731, 152	221, 146	11, 057	----	1, 900, 961	1, 855, 712	22, 660	22, 589	----	3, 293, 665	1, 392, 704	36
389, 192	31, 980	12, 561	340, 268	----	----	4, 383	532, 273	483, 264	3, 324	7, 111	38, 574	1, 210, 668	678, 395	37
2, 803, 851	20, 720	635, 605	1, 985, 092	110, 650	49, 727	2, 057	10, 958, 612	10, 582, 757	270, 930	95, 405	9, 520	18, 740, 452	7, 781, 840	38
17, 069, 577	812, 912	2, 945, 655	11, 216, 289	1, 728, 019	339, 963	26, 739	20, 815, 322	19, 395, 518	635, 685	784, 119	----	45, 630, 621	24, 815, 299	39
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	40
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	41
1, 148, 732	252, 922	105, 720	413, 203	349, 085	8, 207	19, 595	4, 849, 475	4, 746, 491	44, 062	58, 922	----	6, 202, 269	1, 352, 794	42
450, 119	16, 047	37, 930	382, 384	12, 758	1, 000	----	1, 136, 425	1, 069, 513	16, 228	23, 925	26, 759	2, 314, 578	1, 178, 153	43
560, 062	62, 668	89, 063	320, 294	86, 821	1, 216	----	314, 949	299, 000	6, 651	9, 298	----	1, 177, 915	862, 966	44
447, 699	85, 187	71, 903	271, 122	19, 487	----	----	361, 106	301, 116	7, 159	13, 484	39, 347	1, 151, 521	790, 415	45
2, 000, 162	163, 993	245, 977	1, 064, 182	460, 331	----	65, 679	49, 444, 923	49, 295, 998	112, 568	36, 297	60	53, 400, 001	3, 955, 078	46
910, 799	65, 351	288, 281	519, 713	26, 778	6, 163	4, 513	7, 489, 228	7, 346, 888	120, 452	21, 888	----	9, 448, 112	1, 958, 884	47
2, 584, 018	368, 430	316, 831	1, 701, 166	195, 469	1, 202	920	3, 584, 470	3, 489, 959	27, 663	54, 440	12, 408	7, 433, 043	3, 848, 573	48
26, 491, 393	555, 683	4, 559, 337	20, 998, 177	113, 827	114, 750	149, 619	36, 978, 377	35, 975, 384	461, 441	306, 801	234, 751	72, 352, 349	35, 373, 972	49
2, 451, 542	336, 604	253, 518	1, 244, 269	617, 151	----	----	1, 906, 562	1, 602, 924	24, 318	30, 872	248, 448	5, 143, 224	3, 236, 662	50
241, 237	6, 487	17, 901	214, 349	2, 500	----	----	29, 890	9, 920	1, 684	16, 976	1, 310	319, 346	289, 456	51
1, 490, 203	156, 899	95, 040	1, 183, 978	53, 038	----	1, 248	2, 278, 403	2, 087, 720	20, 873	54, 801	115, 009	4, 563, 186	2, 284, 783	52
2, 061, 967	214, 649	242, 008	1, 575, 012	29, 258	----	1, 040	1, 452, 416	1, 339, 925	37, 136	50, 216	25, 139	5, 086, 661	3, 634, 245	53
295, 249	10, 099	21, 774	261, 323	2, 053	----	----	76, 022	30, 202	1, 683	42, 832	1, 305	464, 870	388, 848	54
534, 853	8, 300	47, 015	472, 335	7, 203	----	----	3, 570, 943	3, 497, 541	14, 230	23, 069	36, 103	4, 769, 218	1, 198, 275	55
1, 130, 059	97, 034	183, 855	740, 109	109, 061	----	----	1, 034, 636	971, 694	19, 552	34, 967	8, 423	2, 567, 022	1, 532, 386	56
568, 946	56, 965	59, 040	425, 406	27, 535	----	----	1, 321, 251	1, 312, 578	97	8, 576	----	2, 105, 669	784, 418	57
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	58
1, 336, 800	200, 221	261, 089	824, 926	49, 654	----	910	938, 792	883, 716	24, 738	29, 426	912	3, 001, 345	2, 062, 553	59
505, 935	69, 040	45, 066	307, 917	83, 912	----	----	648, 857	625, 859	8, 475	14, 023	500	1, 694, 365	1, 045, 508	60
2, 691, 788	245, 819	469, 223	1, 884, 144	92, 602	----	----	3, 363, 571	3, 213, 587	51, 567	79, 426	18, 991	7, 252, 984	3, 889, 413	61
30, 525	----	722	29, 803	----	----	----	30, 785	24, 509	808	931	4, 537	89, 569	58, 784	62
1, 379, 702	----	166, 001	1, 213, 701	----	----	----	1, 861, 758	1, 634, 676	193, 979	33, 103	----	4, 883, 704	3, 021, 946	63
405, 189	94, 831	48, 985	178, 691	82, 551	131	----	447, 692	429, 859	7, 277	9, 547	1, 009	992, 528	544, 836	64
773, 238	91, 847	120, 594	426, 752	134, 045	----	----	955, 151	932, 736	7, 813	14, 602	----	2, 805, 281	1, 850, 130	65
938, 279	17, 500	107, 547	757, 089	56, 143	----	----	4, 373, 114	4, 294, 148	29, 515	49, 451	----	5, 902, 665	1, 529, 551	66
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	67
11, 291, 707	106, 855	1, 036, 289	10, 082, 711	65, 852	----	----	12, 852, 303	10, 829, 028	1, 190, 577	771, 080	61, 618	28, 404, 351	15, 552, 048	68
656, 145	43, 993	124, 045	373, 856	114, 251	----	----	917, 439	829, 647	46, 151	12, 687	29, 554	1, 760, 566	843, 127	69
1, 527, 686	192, 425	113, 588	1, 063, 724	157, 261	688	----	2, 652, 583	2, 599, 853	20, 599	18, 752	13, 379	4, 845, 054	2, 192, 471	70

TABLE 8.—GENERAL STATISTICS FOR

		INDUSTRY	* Number of establishments	* Proprietors and firm members	* PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [2]	Distribution	Construction	Other
1	20	Surgical and medical instruments	3		609	7	64	496	42	...	...
2	20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	13	8	2,657	17	453	1,477	525	185	...
3	13	Tableware, pressed or blown glass, and glassware not elsewhere classified	6		1,488	18	117	1,257	95	1	...
4	9	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	29	4	1,047	46	183	620	138	27	23
5	13	Terra cotta	3		546		70	475	1	...	...
6	4	Textile bags not made in textile mills	6		303	3	17	277	6	...	...
7	17	Textile machinery	37	25	796	47	97	596	48	1	7
8	14	Tin cans and other tinware not elsewhere classified	13		3,596	5	373	3,153	51	14	..
9	2	Tobacco, chewing and smoking, and snuff	4	..	371	1	62	307	1	...	...
10	20	Tobacco pipes and cigarette holders	4		791	10	16	725	40	...	.
11	14	Tools (except edge tools, machine tools, files, and saws)	21	6	967	23	126	793	17	8	..
12	4	Trimmings not made in textile mills, stamped art goods, and art needlework—contract factories	22	25	226	4	9	207	4	2	
13	4	Trousers (semidress), wash suits, and washable service apparel	15	8	741	15	20	700	6		.
14	20	Umbrellas, parasols, and canes	7	3	693	11	39	637	6		..
15	6	Upholstered household furniture	24	11	651	26	33	531	61		..
16	9	Vegetable and animal oils, not elsewhere classified	4		394	7	63	301	20	3	...
17	6	Venetian blinds	10	3	249	19	25	225	30		...
18	1	Vinegar and cider	4	1	68	3	7	56	1		1
19	13	Vitreous-china plumbing fixtures	10		2,016	20	198	1,799	27	2	...
20	13	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	10		448	23	50	288	68	5	14
21	6	Window and door screens and weather strip	7	6	145	5	18	101	16	...	5
22	6	Window shades	12	5	68	7	3	46	12	...	.
23	1	Wines	8	4	119	2	22	85	10	.	...
24	14	Wire drawn from purchased rods	13	.	3,265	38	376	2,599	217	30	5
25	14	Wirework not elsewhere classified	36	13	2,704	50	153	2,452	48	1	
26	16	Wiring devices and supplies	9	1	848	16	70	667	93	2	...
27	4	Women's and misses' blouses and waists—made in contract factories	17	16	712	6	14	691	1	.	...
28	4	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors	5	2	229	7	9	207	6		...
29	4	Women's and misses' clothing, not elsewhere classified—made in contract factories	19	15	976	10	24	939	1		2
30	4	Women's and misses' clothing not elsewhere classified—made in inside factories or by jobbers engaging contractors	8	8	247	12	11	195	28	..	1
31	4	Women's and misses' dresses (except house dresses)—made in contract factories	153	137	7,398	69	114	7,198	14	..	3
32	4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	24	12	1,562	12	71	1,416	54	...	9
33	4	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics	22	13	2,016	7	85	1,901	22	.	1
34	4	Women's, children's, and infants' underwear and nightwear of knitted fabrics	4	2	221	3	13	202	2	1	...
35	4	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	38	22	4,189	36	167	3,962	19	...	5
36	4	Women's neckwear, scarfs, etc.	6	3	309	6	22	269	12	...	...
37	12	Women's pocketbooks, handbags, and purses	34	14	2,413	38	68	2,272	35	...	...
38	6	Wooden boxes except cigar boxes	25	13	792	33	54	680	25	..	...
39	6	Wood preserving	5	...	171	1	15	151	3	1	...
40	6	Wood products not elsewhere classified	20	8	230	21	14	186	9	...	...
41	17	Woodworking machinery	4		555	15	81	361	98	...	...
42	3	Woolen and worsted manufactures—contract factories	6	4	511	10	79	420	2	...	...
43	3	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	19	8	11,429	37	586	10,764	42	...	...
44	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	35	16	2,748	30	71	2,541	100	3	3
45		Other industries [6]	465	148	82,881	553	10,458	65,998	4,592	1,154	126
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]									
46	1	Food and kindred products	62	18	9,039	63	866	7,491	559	46	14
47	2	Tobacco manufactures	7		1,626	1	118	1,385	50	...	72
48	3	Textile-mill products and other fiber manufactures	49	17	6,651	70	653	5,845	80	...	3
49	4	Apparel and other finished products made from fabrics and similar materials	23	16	1,104	17	45	1,021	18	3	..
50	6	Furniture and finished lumber products	48	38	2,204	42	305	1,714	127	15	1
51	7	Paper and allied products	5	4	124	4	12	96	12	...	...
52	8	Printing, publishing, and allied industries	9	4	709	4	175	514	16	...	...
53	9	Chemicals and allied products	49	2	7,987	35	888	6,589	418	53	4
54	11	Rubber products	5	...	691	6	61	543	40	41	..
55	13	Stone, clay, and glass products	26	5	3,158	29	253	2,716	155	3	2
56	14	Iron and steel and their products, except machinery	20	2	2,178	37	207	1,887	42	5	...
57	15	Nonferrous metals and their products	19	14	3,182	16	569	2,517	31	30	19
58	16	Electrical machinery	32	1	19,635	70	2,919	14,393	1,806	442	5
59	17	Machinery (except electrical)	26	7	8,377	32	1,010	6,958	186	191	...
60	20	Miscellaneous industries	64	19	8,760	90	1,188	6,482	801	199	...
61	5	Lumber and timber basic products	1								
	10	Products of petroleum and coal	2								
	12	Leather and leather products	8	1	7,456	37	1,189	5,847	251	126	6
	19	Transportation equipment except automobiles	10								

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries, and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.

[2] Figures do not include data for personnel of central-administrative offices.

THE STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars (5)	*Dollars* (5)	*Dollars* (5)	*Dollars* (5)	*Dollars* (5)	*Dollars* ----------	*Dollars* ----------	*Dollars* (5)	*Dollars* (5)	*Dollars* (5)	*Dollars* (5)	*Dollars* ----------	*Dollars* (5)	*Dollars* (5)	1
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	2
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	3
2,026,605	382,183	470,470	784,774	308,623	40,506	40,049	7,287,855	7,087,996	123,524	76,335	----------	12,359,132	5,071,277	4
717,123	----------	117,735	598,068	1,320	----------	----------	335,280	204,486	113,074	17,720	----------	1,225,387	890,107	5
322,113	12,183	30,974	259,650	19,306	----------	----------	2,306,568	2,294,568	4,162	7,838	----------	3,106,370	799,802	6
1,186,527	268,507	175,331	662,760	72,253	186	7,490	1,445,560	1,395,138	19,718	29,877	827	3,307,330	1,861,770	7
4,616,553	36,138	684,203	3,764,169	105,250	26,793	----------	20,056,420	19,774,205	130,597	151,618	----------	32,128,051	12,071,631	8
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	9
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	10
1,368,590	166,944	230,722	923,623	36,656	10,645	----------	1,183,864	1,093,554	47,656	42,304	350	3,227,620	2,043,756	11
178,111	9,366	15,070	145,558	4,813	3,304	----------	63,961	51,376	2,176	8,919	1,490	420,306	356,345	12
536,492	34,221	43,908	448,948	9,415	----------	----------	1,858,761	1,358,356	4,326	8,299	487,780	2,625,252	766,491	13
766,764	86,574	89,354	573,205	17,631	----------	----------	967,670	927,662	29,470	10,450	88	2,089,866	1,122,196	14
806,606	121,280	57,247	557,440	70,639	----------	----------	1,601,841	1,577,974	7,323	16,544	----------	2,804,286	1,202,445	15
717,020	71,133	118,401	473,452	47,670	6,364	----------	8,245,634	8,057,336	133,050	55,248	----------	11,399,071	3,153,437	16
343,260	42,789	40,550	195,359	64,562	----------	----------	716,880	703,537	7,746	5,582	15	1,279,284	562,404	17
65,263	5,840	8,731	48,233	1,115	----------	1,344	244,234	236,418	5,481	2,335	----------	381,111	136,877	18
2,988,638	114,529	330,968	2,505,341	35,244	2,556	----------	2,517,502	2,170,840	288,115	57,710	837	7,472,786	4,955,284	19
731,039	108,988	95,424	365,481	124,351	19,204	17,591	1,262,054	1,111,352	103,367	47,035	300	2,447,224	1,185,170	20
184,381	13,844	25,092	113,055	25,296	----------	7,094	286,159	278,729	1,876	3,435	2,119	613,050	326,891	21
73,509	11,468	5,143	46,272	10,626	----------	----------	305,172	303,223	503	1,446	----------	485,344	180,172	22
141,681	2,200	33,484	98,197	7,800	----------	----------	251,155	239,589	6,361	5,205	----------	495,222	244,067	23
5,465,753	495,636	833,565	3,682,251	406,346	43,605	4,350	12,108,932	11,350,221	281,993	468,862	7,856	22,532,129	10,423,197	24
3,380,579	346,297	325,699	2,586,166	120,026	2,391	----------	4,499,900	4,350,699	62,382	81,579	5,240	10,245,596	5,745,696	25
1,084,442	123,759	128,142	670,589	140,355	21,597	----------	2,204,975	2,167,781	11,956	24,843	395	4,330,189	2,125,214	26
478,261	12,469	19,897	445,396	499	----------	----------	35,339	17,464	3,289	9,721	4,865	630,668	595,329	27
199,382	14,381	17,785	155,426	11,790	----------	----------	370,740	349,355	60	2,362	18,963	749,471	378,731	28
608,704	13,063	36,734	555,657	1,924	----------	1,326	39,528	21,795	3,627	14,106	----------	916,905	877,377	29
208,901	47,291	10,918	114,071	35,871	----------	750	1,008,657	805,366	419	2,557	200,315	1,369,034	360,377	30
6,274,647	194,037	168,010	5,895,215	15,799	----------	1,586	331,843	202,089	25,235	97,029	7,490	8,119,418	7,787,575	31
1,541,453	71,895	162,087	1,171,162	124,729	----------	11,580	5,351,457	4,464,080	2,819	28,324	856,234	8,736,911	3,385,454	32
1,577,448	28,760	124,218	1,385,880	38,025	----------	565	3,196,575	3,133,615	6,177	24,748	32,035	5,986,167	2,789,592	33
169,506	11,645	14,870	139,286	2,145	1,560	----------	506,536	503,661	----------	2,875	----------	796,771	290,235	34
2,868,121	218,791	218,186	2,402,384	23,567	----------	5,193	10,699,158	10,036,284	7,839	36,452	618,583	16,477,886	5,778,728	35
287,529	17,511	39,838	184,073	46,107	----------	----------	673,813	436,046	482	2,555	234,730	1,098,825	425,012	36
1,919,166	156,475	112,420	1,592,155	58,116	----------	----------	3,998,129	3,957,838	2,729	20,183	17,379	6,961,751	2,963,622	37
1,090,870	138,423	113,108	779,570	59,769	----------	----------	2,098,849	2,071,251	4,454	22,718	426	4,430,705	2,331,856	38
199,760	7,200	33,651	152,582	4,827	1,500	----------	1,488,113	1,447,071	36,664	4,378	----------	1,783,514	295,401	39
305,795	77,980	35,794	178,899	13,122	----------	----------	373,407	354,282	3,776	15,349	----------	821,518	448,111	40
938,973	138,976	180,342	419,853	199,802	----------	----------	816,366	711,848	13,150	15,484	75,884	1,878,868	1,062,502	41
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	42
12,607,031	379,815	1,356,907	10,752,616	117,693	----------	----------	26,719,377	25,891,115	594,739	104,839	128,684	50,814,472	24,095,095	43
2,313,095	132,626	123,722	1,889,800	161,328	4,076	1,543	3,643,427	3,421,005	13,969	33,300	175,153	6,736,326	3,092,899	44
125,575,178	4,418,549	22,897,587	85,986,974	9,895,445	2,207,813	168,810	302,017,984	292,705,340	5,595,063	3,147,460	570,121	575,675,040	273,657,056	45
12,442,252	697,731	2,296,201	8,321,564	1,036,036	77,633	13,087	72,399,266	71,117,609	902,201	378,786	670	119,519,893	47,120,627	46
1,639,448	4,225	257,983	1,218,522	54,913	----------	103,805	44,572,641	44,485,275	53,007	34,359	----------	48,907,515	4,334,874	47
7,941,510	467,908	1,306,959	5,927,564	235,867	----------	3,212	21,257,455	20,591,100	359,921	301,166	5,268	35,250,603	13,993,148	48
974,017	85,258	62,467	810,826	11,547	3,919	----------	1,168,987	1,036,994	6,095	13,840	112,058	2,422,366	1,253,379	49
3,445,686	171,533	535,343	2,519,399	205,563	12,798	1,050	6,334,792	6,213,907	44,868	76,017	----------	12,453,167	6,118,375	50
176,803	33,500	20,541	105,368	17,394	----------	----------	309,252	297,412	6,229	5,611	----------	633,792	324,540	51
1,433,515	46,700	491,900	837,547	57,368	----------	----------	1,237,304	1,078,561	13,280	32,340	113,123	3,035,562	1,798,258	52
12,959,110	147,884	1,907,651	10,238,738	566,264	93,173	5,400	62,862,003	61,096,359	1,199,864	424,643	141,137	116,288,102	53,426,099	53
966,979	75,541	158,879	611,118	87,066	34,375	----------	1,470,761	1,109,945	105 852	254,964	----------	3,103,794	1,633,033	54
4,221,808	234,441	520,107	3,043,020	416,368	4,036	3,836	3,623,809	2,726,643	771,710	118,624	6,832	11,902 028	8,278,219	55
3,029,624	229,261	381,008	2,259,798	157,229	2,328	----------	3,541,839	3,096,682	219,113	187,927	38,117	7,855,683	4,313,844	56
5,213,508	105,830	1,194,273	3,791,455	58,130	45,858	17,962	10,711,252	10,328,880	320,497	46,147	15,728	19,124,718	8,413,466	57
30,765,881	721,287	6,582,434	18,383,262	4,247,678	818,389	12,831	24,795,696	24,145,649	339,826	310,221	----------	74,527,777	49,732,081	58
12,943,558	250,375	2,151,028	9,776,682	418,403	347,070	----------	7,294,981	6,703,986	280,623	282,811	27,561	26,686,303	19,391,322	59
13,311,530	927,941	2,369,783	7,934,460	1,846,378	232,968	----------	19,423,749	18,906,131	129,022	312,553	76,043	46,313,863	26,890,114	60
14,109,949	219,134	2,661,030	10,207,651	479,241	535,266	7,627	21,014,197	19,770,207	842,955	367,451	33,584	47,649,874	26,635,677	61

[2] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures. For numbers of establishments and of wage earners in individual industries, see table 12.

TABLE 9.—GENERAL STATISTICS FOR

This table presents, for industrial areas, separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for which combined figures are given, however, reported larger numbers of wage

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	* PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1]						
					Total [2]	Salaried officers of corporations [2]	Manufacturing		Distribution	Construction	Other
							Salaried employees [2]	Wage earners (average for year) [3]			
		NEW YORK CITY-NEWARK-JERSEY CITY INDUSTRIAL AREA									
1		All industries, total	33,385	23,156	1,092,792	30,673	104,601	849,608	96,163	7,074	4,673
2	13	Abrasive wheels, stones, paper, cloth, and related products	18	7	355	19	22	249	62	2	1
3	19	Aircraft and parts, including aircraft engines	9	4	7,223	25	1,069	5,734	268	120	7
4	15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	29	5	3,343	32	373	2,703	79	140	16
5	15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	21	13	2,749	17	489	2,229	14	------	------
6	3	Artificial leather and oilcloth	13	6	1,585	22	174	1,255	115	19	------
7	20	Artists' materials	20	13	213	20	30	141	22	------	------
8	13	Asbestos products (except steam packing and pipe and boiler covering)	7	------	644	9	59	511	60	5	------
9	16	Automotive electrical equipment	17	2	1,284	24	162	1,008	81	------	9
10	1	Baking powder, yeast, and other leavening compounds	10	2	1,074	10	106	542	302	114	------
11	6	Baskets for fruits and vegetables	5	5	30	------	------	30	------	------	------
12	16	Batteries: storage and primary (dry and wet)	15	------	2,413	14	226	1,973	189	6	5
13	3	Batting, padding, and wadding; upholstery filling	11	1	155	12	20	107	15	------	1
14	20	Beauty-shop and barber-shop equipment	25	6	1,091	39	93	839	120	------	------
15	1	Biscuit, crackers, and pretzels	28	11	5,863	33	215	4,879	630	8	98
16	1	Blended and prepared flour made from purchased flour	3	2	64	2	4	32	26	------	------
17	19	Boat building and boat repairing	14	7	237	11	25	198	3	------	------
18	8	Bookbinding and related industries	399	317	9,849	359	720	8,415	355	------	------
19	8	Books: printing without publishing	173	77	5,223	243	601	4,127	252	------	------
20	8	Books: publishing and printing	19	8	871	13	137	695	26	------	------
21	8	Books: publishing without printing	251	49	5,812	385	3,138	89	2,200	------	------
22	12	Boot and shoe cut stock and findings	49	30	1,305	50	110	1,075	70	------	------
23	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	2,735	2,717	35,954	670	1,493	29,578	3,640	106	467
24	13	Brick and hollow structural tile	9	1	780	6	22	722	25	5	------
25	20	Brooms	10	14	70	4	5	54	7	------	------
26	20	Brushes	66	44	1,902	67	188	1,456	189	2	------
27	20	Buttons	179	187	4,645	122	222	4,100	163	38	------
28	9	Candles	10	3	421	20	26	336	39	------	------
29	1	Candy and other confectionery products	134	67	7,906	158	404	6,680	603	19	42
30	1	Cane-sugar refining	7	------	4,525	------	562	3,733	26	106	98
31	1	Canned and dried fruits and vegetables (including canned soups)	17	8	1,256	11	65	1,130	48	------	2
32	1	Canned fish, crustacea, and mollusks	4	------	44	7	4	20	13	------	------
33	4	Canvas products (except bags)	49	23	689	52	66	471	99	------	1
34	20	Carbon paper and inked ribbons	13	6	769	17	51	472	227	2	------
35	16	Carbon products for the electrical industry, and manufactures of carbon or artificial graphite	5	1	268	7	29	192	40	------	------
36	3	Carpets and rugs, wool	5	------	5,876	14	260	4,963	604	35	------
37	3	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	10	7	147	8	9	120	10	------	------
38	17	Cars and trucks, industrial	3	1	37	2	8	27	------	------	------
39	6	Caskets, coffins, burial cases, and other morticians' goods	40	21	1,067	28	79	834	117	1	8
40	1	Cereal preparations	4	------	137	5	17	87	21	5	2
41	1	Cheese	9	3	52	5	6	36	5	------	------
42	9	Chemicals not elsewhere classified	112	7	10,556	116	1,695	7,379	551	492	323
43	1	Chewing gum	6	------	1,623	12	201	972	391	------	47
44	4	Children's and infants' wear not elsewhere classified—made in contract factories [a]	16	16	752	6	14	726	6	------	------
45	4	Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors [b]	80	54	2,973	74	132	2,559	204	2	2
46	4	Children's coats—made in contract factories	38	41	849	10	13	825	------	------	1
47	4	Children's coats—made in inside factories or by jobbers engaging contractors [a]	96	62	2,539	109	210	1,888	306	1	25
48	4	Children's dresses—made in contract factories	60	66	1,819	7	24	1,783	5	------	------
49	4	Children's dresses—made in inside factories or by jobbers engaging contractors	112	68	4,379	142	253	3,520	451	------	13
50	20	Children's vehicles	9	7	312	10	17	271	14	------	------
51	13	China firing and decorating (for the trade)	8	7	104	8	------	83	13	------	------
52	1	Chocolate and cocoa products	13	3	1,592	14	105	1,112	124	4	233
53	6	Cigar boxes: wooden, part wooden	6	------	617	16	21	563	14	------	3
54	2	Cigarettes	13	2	1,429	9	70	1,225	53	------	72
55	2	Cigars	133	112	6,954	52	334	6,291	238	16	23
56	9	Cleaning and polishing preparations, blackings, and dressings	123	55	2,083	131	221	1,177	527	9	18
57	4	Clothing, leather and sheep-lined	24	20	739	25	35	652	27	------	------
58	3	Cloth sponging and miscellaneous special finishing	48	10	1,380	85	97	1,048	136	------	14
59	7	Coated and glazed paper	26	5	1,083	37	104	880	61	1	------
60	4	Coats, suits, and skirts (except fur coats)—made in contract factories	698	813	17,307	278	203	16,733	65	2	26
61	4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	682	403	16,276	836	1,072	11,994	2,244	------	130
62	14	Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills	3	------	549	5	48	494	2	------	------
63	9	Colors and pigments	30	1	2,380	45	517	1,563	83	161	11
64	17	Commercial laundry, dry-cleaning, and pressing machinery	14	4	294	20	42	186	46	------	------
65	16	Communication equipment	68	21	11,261	83	2,339	7,997	593	185	64
66	9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	14	------	536	4	38	308	186	------	------

See footnotes at end of table.

INDUSTRIAL AREAS, BY INDUSTRIES: 1939

individual establishments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for earners or larger values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [3]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
NEW YORK CITY-NEWARK-JERSEY CITY INDUSTRIAL AREA														
Dollars 1,616,810,823	*Dollars* 156,026,879	*Dollars* 214,456,259	*Dollars* 1,042,681,700	*Dollars* 182,228,305	*Dollars* 14,254,146	*Dollars* 7,163,534	*Dollars* 3,887,580.270	*Dollars* 3,523,042,272	*Dollars* 41,872,413	*Dollars* 39,574,278	*Dollars* 283,091,307	*Dollars* 6,948,444,631	*Dollars* 3,060,864,361	1
525,431	112,756	64,232	234,191	99,578	11,855	2,819	1,040,659	1,014,109	1,609	17,775	7,166	1,961,531	920,872	2
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	3
5,636,310	223,919	773,591	4,233,106	169,201	218,677	17,816	49,699,725	48,790,991	321,387	490,500	96,847	62,067,011	12,367,286	4
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	5
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	6
340,459	80,994	53,710	173,832	31,923	----------	----------	1,020,196	1,004,245	5,095	10,856	----------	1,720,127	699,931	7
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	8
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	9
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	10
27,689	----------	----------	27,689	----------	----------	----------	33,997	33,551	8	438	----------	83,036	49,039	11
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	12
184,329	48,162	20,184	97,935	16,768	----------	1,280	999,834	971,270	1,413	27,151	----------	1,457,420	457,586	13
1,413,740	239,179	204,613	798,908	171,040	----------	----------	1,872,176	1,785,301	5,884	31,703	49,288	5,335,612	3,463,436	14
7,071,262	245,057	507,992	5,009,804	761,150	144,723	402,536	13,514,625	13,025,418	316,627	172,580	----------	37,177,480	23,662,855	15
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	----------	(5)	----------	(5)	(5)	16
398,111	59,388	47,901	271,500	19,322	----------	----------	518,984	507,202	1,083	10,699	----------	1,079,587	560,603	17
12,576,529	1,583,578	1,246,530	9,073,553	655,976	16,892	----------	7,656,648	6,846,166	40,919	293,550	476,013	27,944,167	20,287,519	18
10,207,786	1,427,547	1,251,686	6,887,730	640,823	----------	----------	9,509,183	8,187,871	32,015	276,626	1,012,671	24,746,632	15,237,449	19
1,538,458	68,370	381,869	1,044,396	43,823	----------	----------	1,115.589	902,888	13,251	27,527	171,923	4,508,600	3,393,011	20
12,069,432	2,861,043	5,199,485	137,738	3,871,166	----------	----------	20,128,467	4,856,812	1,939	62,093	15,207,623	65,470,252	45,341,785	21
1,349,609	199,602	171,779	890,274	87,954	----------	----------	2,993,725	2,941,508	3,572	48,645	----------	5,026,818	2,033,093	22
55,948,912	2,375,894	3,063,387	45,147,150	4,712,857	165,185	484,439	90,991,404	86,342,500	2,724,728	1,923,732	444	197,102,650	106,111,246	23
961,231	49,700	49,364	793,531	58,439	10,197	----------	577,380	129,370	394,452	53,558	----------	2,046,712	1,469,332	24
69,195	7,400	4,160	48,349	9,286	----------	----------	151,956	148,447	595	2,914	----------	286,133	134,177	25
2,470,032	345,311	329,003	1,480,839	310,130	4,749	----------	6,307,008	6,230,635	23,036	52,622	715	10,376,564	4,069,556	26
4,536,909	500,072	362,012	3,395,597	247,861	31,367	----------	5,038,118	4,618,957	41,239	163,296	214,626	11,966,373	6,928,255	27
587,206	91,631	72,995	351,527	71,053	----------	----------	1,306,269	1,280,168	16,732	9,369	----------	2,229,523	923,254	28
8,545,016	814,649	741,201	6,013,297	897,485	27,752	50,632	19,570,255	18,969,722	270,441	265,401	64,691	36,293,058	16,722,803	29
7,123,183	----------	1,332,615	5,348,241	90,517	145,400	206,410	90,962,258	89,529,085	1,415,284	17,889	----------	107,082,668	16,120,410	30
1,152,828	61,705	136,943	812,024	138,763	275	3,118	5,490,640	5,453,343	24,470	12,827	----------	8,131,590	2,640,950	31
73,636	38,553	3,470	19,946	11,667	----------	----------	267,980	263,839	2,314	1,827	----------	449,151	181,171	32
1,102,341	236,800	122,491	577,482	163,978	----------	1,590	2,589,622	2,561,833	10,776	15,413	1,600	4,315,590	1,725,968	33
1,246,537	171,387	128,788	548,196	394,256	3,910	----------	2,734,657	2,688,238	12,566	33,853	----------	5,675,255	2,940,598	34
466,648	38,251	70,529	266,870	90,998	----------	----------	443,907	376,018	7,930	24,692	35,267	1,408,872	964,965	35
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	36
121,432	24,860	7,441	79,270	9,861	----------	----------	277,488	272,548	777	4,163	----------	456,538	179,050	37
(5)	(5)	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	38
1,598,576	109,667	141,030	1,143,778	192,704	1,150	10,247	2,286,331	2,213,136	22,268	47,747	3,180	4,457,225	2,170,894	39
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	40
68,857	11,900	9,795	37,162	10,000	----------	----------	619,806	609,505	4,260	6,041	----------	749,273	129,467	41
20,678,690	970,617	4,660,757	12,084,903	1,403,499	1,020,286	538,628	53,154,628	50,093,283	2,372,400	685,677	3,268	106,704,174	53,549,546	42
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	43
577,590	19,359	19,556	535,475	3,200	----------	----------	52,856	35,537	2,465	11,509	3,345	819,833	766,977	44
3,035,896	312,785	223,379	2,200,571	294,068	2,900	2,193	7,699,230	6,460,998	6,087	50,572	1,181,573	12,610,569	4,911,339	45
1,009,265	23,106	17,960	967,931	----------	----------	268	168,791	144,244	5,249	15,279	4,019	1,438,544	1,269,753	46
4,132,214	498,906	340,420	2,789,331	477,927	1,300	24,330	16,717,377	13,462,216	2,446	70,573	3,182,142	24,031,173	7,313,796	47
1,149,926	12,016	33,624	1,098,270	6,016	----------	----------	70,288	40,849	3,016	23,043	3,380	1,599,036	1,528,748	48
5,248,561	800,054	446,392	3,208,030	778,808	----------	15,277	15,970,310	11,966,380	4,226	83,713	3,915,991	24,788,895	8,818,585	49
414,537	34,295	34,511	316,654	29,077	----------	----------	874,390	859,551	5,938	8,901	----------	1,508,149	633,759	50
101,343	22,430	----------	60,117	18,796	----------	----------	188,139	159,004	10,174	1,603	17,358	372,252	184,113	51
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	52
591,753	122,100	35,808	414,045	15,927	----------	3,873	513,452	496,326	3,437	13,689	----------	1,325,712	812,260	53
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	54
5,684,178	284,017	518,295	4,434,418	400,543	25,216	21,689	10,937,156	10,804,762	33,216	98,178	1,000	21,395,463	10,458,307	55
3,386,637	702,278	396,946	1,305,090	950,801	9,081	22,441	8,834,687	8,686,960	52,757	73,970	21,000	20,075,309	11,240,622	56
779,849	89,782	47,629	598,017	44,421	----------	----------	1,937,867	1,837,569	548	10,007	89,743	3,051,135	1,113,268	57
2,604,067	480,351	183,790	1,627,322	290,597	----------	22,007	2,884,027	2,742,097	81,799	60,131	----------	8,009,250	5,125,223	58
1,563,951	280,994	188,622	990,824	101,911	1,600	----------	6,244,412	6,120,746	31,808	85,349	6,509	10,912,818	4,668,406	59
19,817,728	630,524	272,112	18,831,279	63,158	1,976	18,679	2,017,615	1,243,758	86,787	264,922	422,148	26,808,768	24,791,153	60
30,637,596	4,258,058	1,690,884	19,996,881	4,539,134	----------	152,639	152,434,386	119,830,076	49,438	471,034	32,083,838	208,460,460	56,026,074	61
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	62
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	63
464,336	73,616	59,621	233,043	98,056	----------	----------	816,809	798,996	2,450	11,193	4,170	1,849,104	1,032,295	64
19,254,083	514,278	6,474,027	10,483,362	1,200,487	483,929	98,000	13,041,546	12,488,171	215,091	176,976	161,308	42,301,859	29,260,313	65
990,227	46,999	103,365	468,929	370,934	----------	----------	938,467	685,533	23,929	229,005	----------	4,061,301	3,122,834	66

TABLE 9.—GENERAL STATISTICS FOR

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
		NEW YORK CITY-NEWARK-JERSEY CITY INDUSTRIAL AREA—Continued									
1	13	Concrete products	114	46	2,006	105	135	1,525	197	38	6
2	1	Condensed and evaporated milk	4		61	5	11	19	26		
3	17	Construction and similar machinery (except mining and oil-field machinery and tools)	9	4	607	15	178	394	20		
4	7	Converted paper products not elsewhere classified	117	64	5,728	148	519	4,221	768	68	4
5	1	Cooking and other edible fats and oils, not elsewhere classified	8		1,172	3	223	882	63	1	
6	6	Cooperage	21	6	773	14	82	657	18	1	1
7	3	Cordage and twine	10		1,173	14	86	1,053	20		
8	4	Corsets and allied garments	159	75	10,191	200	618	8,498	850	11	14
9	20	Costume jewelry and costume novelties (jewelry other than fine jewelry) [6]	154	142	3,376	115	211	2,649	399	2	
10	3	Cotton broad woven goods	14	4	985	25	73	810	77		
11	3	Cotton narrow fabrics	14	5	358	12	30	297	19		
12	3	Cotton yarn	18	11	698	15	68	583	32		
13	1	Cured fish	17	11	342	17	30	243	52		
14	4	Curtains, draperies, and bedspreads—contract factories	45	49	577	13	18	532	14		
15	4	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	128	88	3,996	105	229	3,350	302	2	8
16	14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	54	24	3,695	87	268	2,909	430	1	
17	20	Dental equipment and supplies	29	20	945	24	113	708	100		
18	7	Die-cut paper and paperboard, and converted cardboard	39	16	1,109	48	114	816	92	3	6
19	20	Dolls (except rubber)	74	50	2,407	80	141	2,101	84	1	
20	14	Doors, window sash, frames, molding, and trim (made of metal)	79	33	2,150	122	213	1,586	229		
21	4	Dress and semidress gloves and mittens: cloth, cloth and leather combined	26	11	2,032	34	74	1,849	69	2	4
22	9	Drugs and medicines (including drug grinding)	217	42	8,702	294	1,258	4,925	2,068	68	89
23	3	Dyeing and finishing cotton, rayon, silk, and linen textiles	206	73	14,676	350	1,081	12,840	391	10	4
24	16	Electrical appliances	17	7	308	20	30	235	23		
25	16	Electrical measuring instruments	14	6	3,431	16	688	2,438	225	64	
26	16	Electrical products not elsewhere classified	36	10	3,094	32	657	1,865	502	38	
27	16	Electric lamps	26	4	6,159	35	813	4,839	415	41	16
28	15	Electroplating, plating, and polishing	142	140	1,701	87	86	1,432	81	7	8
29	8	Electrotyping and stereotyping, not done in printing establishments	45	10	1,604	73	216	1,157	158		
30	17	Elevators, escalators, and conveyors	23	3	2,819	47	542	2,134	96		
31	4	Embroideries, other than Schiffli-machine products—contract factories	288	317	3,654	95	86	3,364	99		10
32	4	Embroideries: Schiffli-machine products	364	366	3,363	123	86	3,040	110		4
33	14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	40	20	1,405	47	102	1,177	79		
34	14	Enameling, japanning, and lacquering	14	14	141	9	15	114	3		
35	15	Engraving on metal (except for printing purposes)	31	35	1,011	13	80	888	28		2
36	8	Engraving (steel, copperplate, and wood); plate printing	117	81	2,304	103	244	1,863	94		
37	7	Envelopes	34	11	1,639	47	122	1,259	209	2	
38	9	Essential oils	8	3	244	6	23	202	13		
39	20	Fabricated plastic products, not elsewhere classified	55	17	1,949	78	158	1,588	97	26	2
40	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	211	100	3,825	283	367	2,963	211	1	
41	20	Feathers, plumes, and artificial flowers	243	219	5,585	166	215	4,789	411	4	
42	9	Fertilizers	6	1	627	2	50	537	35	3	
43	7	Fiber cans, tubes, and similar products	26	10	1,515	35	154	1,265	57	4	
44	3	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	81	41	3,473	96	185	3,087	105		
45	9	Fireworks	8		220	12	15	186	4		3
46	1	Flavoring extracts and flavoring sirups, not elsewhere classified	107	43	1,250	119	179	654	272	1	25
47	13	Floor and wall tile (except quarry tile)	4	1	311	6	21	260	14	10	
48	1	Flour and other grain-mill products	4	1	61	4	5	37	15		
49	1	Food preparations, not elsewhere classified	97	38	3,618	111	298	2,140	1,041	17	11
50	17	Food-products machinery	36	16	1,986	56	435	1,275	190		30
51	12	Footwear (except rubber)	165	53	13,680	305	720	12,183	464	8	
52	14	Forgings, iron and steel—made in plants not operated in connection with rolling mills	12	8	276	12	15	239	10		
53	4	Fur coats and other fur garments, accessories, and trimmings	1,838	2,065	14,419	1,455	939	10,923	1,102		
54	20	Furs, dressed and dyed	111	70	4,476	196	218	3,758	287	17	
55	20	Games and toys (except dolls and children's vehicles)	115	80	4,337	108	323	3,672	230	4	
56	8	General commercial (job) printing	1,729	1,310	22,295	1,383	2,408	16,705	1,789	6	4
57	16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	71	21	7,554	98	1,509	5,510	424	7	6
58	9	Glue and gelatin	13	1	362	13	66	269	13	1	
59	14	Gray-iron and semisteel castings	41	16	3,332	58	207	2,996	71		
60	9	Grease and tallow (except lubricating greases)	22	14	1,095	34	124	827	75	33	2
61	8	Greeting cards (except hand-painted)	36	24	2,220	37	244	1,715	224		
62	13	Gypsum products	4		706		84	615		7	
63	20	Hair work	28	27	265	16	11	224	14		
64	4	Handkerchiefs—made in contract factories	17	11	1,057	14	11	1,032			
65	20	Hand stamps, stencils, and brands [6]	55	36	681	59	83	450	88	1	
66	14	Hardware not elsewhere classified	71	33	2,630	86	243	2,081	201	16	3
67	4	Hat and cap materials; trimmings, etc	50	33	873	41	52	738	41		1
68	3	Hats, straw	6		295	10	11	267	7		
69	14	Heating and cooking apparatus, except electric, not elsewhere classified	28	14	254	24	35	188	7		
70	3	Hosiery—full-fashioned	22	2	4,470	24	208	4,089	142	6	1

See footnotes at end of table.

INDUSTRIAL AREAS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
NEW YORK CITY-NEWARK-JERSEY CITY INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
3,191,635	464,462	211,531	2,114,005	357,400	34,793	9,444	8,347,939	8,127,232	82,464	122,722	15,521	14,856,354	6,508,415	1
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	2
971,459	75,402	220,807	646,916	28,334	----------	----------	1,645,816	1,605,551	11,933	28,122	210	3,101,992	1,456,176	3
7,572,148	1,041,958	903,641	4,127,951	1,369,758	124,797	4,043	13,531,879	13,259,771	67,623	175,018	29,467	29,334,569	15,802,690	4
1,915,378	15,600	481,866	1,288,542	127,846	1,524	----------	30,726,774	30,350,290	262,449	95,501	18,534	38,428,639	7,701,865	5
1,162,247	84,452	199,009	845,495	29,481	2,250	1,560	1,966,409	1,931,972	23,991	10,446	----------	3,492,962	1,526,553	6
1,444,032	57,200	215,411	1,132,956	38,465	----------	----------	2,923,228	2,783,156	57,081	82,991	----------	6,358,672	3,435,444	7
11,373,256	1,270,237	1,114,317	7,353,313	1,601,961	19,681	13,747	21,115,432	19,832,138	6,579	130,971	1,145,744	38,830,148	17,714,716	8
3,846,329	512,881	322,528	2,344,559	664,046	2,315	----------	4,591,794	4,417,469	11,466	58,867	103,992	11,274,850	6,683,056	9
1,089,314	171,415	116,420	670,624	130,855	----------	----------	1,616,104	1,542,336	13,703	28,543	31,522	3,353,288	1,737,184	10
418,646	57,578	49,649	283,053	28,366	----------	----------	461,113	440,787	6,657	13,669	----------	1,150,125	689,012	11
755,066	95,891	102,623	508,185	48,367	----------	----------	4,178,195	4,094,947	6,513	24,760	51,975	6,014,974	1,836,779	12
517,913	100,860	60,280	254,616	102,037	----------	120	4,060,468	4,021,058	16,521	22,889	----------	5,484,615	1,424,147	13
445,666	25,505	18,965	393,329	7,867	----------	----------	122,752	113,125	671	8,534	422	894,855	772,103	14
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	15
5,705,087	760,697	609,756	3,385,138	947,747	1,749	----------	5,947,325	5,705,339	61,123	144,990	35,873	15,085,751	9,138,426	16
1,515,895	133,043	216,692	975,741	190,419	----------	----------	5,044,772	4,987,141	36,246	14,545	6,840	8,398,097	3,353,325	17
1,722,263	268,039	249,295	995,587	184,691	7,445	17,206	3,292,979	3,225,554	18,567	48,858	----------	6,424,938	3,131,959	18
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	19
3,560,337	564,499	386,476	2,280,126	329,236	----------	----------	3,987,593	3,694,614	23,760	72,914	196,305	9,483,514	5,495,921	20
1,572,835	91,810	100,692	1,290,421	80,397	2,240	7,275	2,140,297	1,990,999	----------	28,567	120,731	4,217,113	2,076,816	21
14,534,261	2,126,112	2,593,751	5,638,041	3,923,651	124,475	128,231	29,441,161	28,149,652	292,209	294,363	704,937	87,530,250	58,089,089	22
19,230,447	1,894,476	2,160,407	14,397,199	773,913	----------	4,452	16,354,650	13,635,476	2,159,689	558,733	752	46,161,043	29,806,393	23
396,441	90,843	44,199	232,890	28,509	----------	----------	911,288	771,575	3,285	16,349	120,079	1,618,058	706,770	24
5,660,413	165,405	1,373,429	3,615,332	405,055	101,192	----------	4,253,383	4,112,976	45,095	74,121	21,191	16,017,568	11,764,185	25
5,164,134	180,521	1,598,721	2,636,814	592,611	155,467	----------	4,241,005	4,039,075	67,548	126,006	8,376	12,507,784	8,266,779	26
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	27
2,141,685	278,089	124,148	1,608,431	111,579	12,333	7,105	1,022,411	792,553	33,190	180,012	16,656	4,524,262	3,501,851	28
3,571,749	427,273	436,047	2,278,180	430,249	----------	----------	3,481,813	984,246	36,576	149,414	2,311,577	8,775,530	5,293,717	29
4,857,225	245,474	1,106,320	3,210,502	294,929	----------	----------	4,791,126	4,508,180	94,502	108,793	79,651	15,699,801	10,908,675	30
3,213,577	259,473	115,779	2,736,561	93,204	----------	8,560	1,371,873	1,151,943	7,691	58,454	153,785	6,805,085	5,433,212	31
3,440,873	413,472	156,238	2,690,599	177,231	----------	3,333	5,559,889	4,249,994	59,785	122,778	1,127,332	12,199,058	6,639,169	32
1,984,607	232,221	187,437	1,404,245	160,704	----------	----------	3,774,012	3,516,239	32,363	90,268	135,142	7,135,973	3,361,961	33
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	34
1,600,477	113,067	153,210	1,129,652	201,048	----------	3,500	1,217,840	1,145,855	21,900	31,734	18,351	3,671,120	2,453,280	35
3,976,875	404,187	568,890	2,867,462	136,336	----------	----------	1,404,295	1,238,030	31,796	70,525	63,944	7,157,951	5,753,656	36
2,483,688	297,559	193,413	1,456,288	530,887	5,541	----------	3,539,442	3,419,398	7,902	81,840	30,302	7,219,296	3,679,854	37
432,877	50,207	63,948	265,753	52,969	----------	----------	4,735,575	4,694,208	30,205	4,789	6,373	6,666,067	1,930,492	38
2,504,037	418,125	309,626	1,542,673	185,999	37,291	10,323	3,414,078	3,181,642	48,740	118,200	65,496	6,948,344	3,534,266	39
6,469,091	1,061,238	703,190	4,258,144	445,219	1,300	----------	12,811,331	12,189,694	54,829	144,321	422,487	23,475,554	10,664,223	40
4,786,641	602,427	251,738	3,396,283	532,013	4,180	----------	5,364,879	5,237,382	18,445	75,437	33,615	13,074,080	7,709,201	41
876,232	15,000	95,276	680,372	81,889	3,695	----------	3,183,343	3,095,411	59,998	27,934	----------	4,761,410	1,578,067	42
1,878,132	149,793	282,487	1,331,065	107,269	7,518	----------	3,254,310	3,097,241	96,274	60,795	----------	7,372,700	4,118,390	43
4,018,301	502,022	278,090	3,040,512	197,677	----------	----------	10,840,974	9,809,972	86,039	80,766	864,197	17,097,921	6,256,947	44
236,776	46,326	28,563	153,181	4,446	----------	4,260	178,317	159,184	15,614	3,519	----------	616,885	438,568	45
2,459,644	773,711	353,919	863,476	425,312	1,070	42,156	9,500,225	9,386,207	54,489	59,529	----------	30,376,019	20,875,794	46
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	47
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	48
4,621,189	689,504	560,354	2,091,163	1,243,881	29,437	6,850	25,845,392	25,583,963	109,747	151,682	----------	38,537,320	12,691,928	49
4,023,432	445,125	958,774	2,076,939	485,787	----------	56,807	2,634,765	2,484,474	35,633	49,393	65,265	8,906,253	6,271,488	50
15,562,005	1,439,862	1,184,729	11,985,719	943,001	8,694	----------	19,877,853	19,528,609	22,101	219,031	108,112	40,355,144	20,477,291	51
435,300	48,821	30,675	331,676	24,128	----------	----------	492,631	388,094	73,555	21,878	9,104	1,219,796	727,165	52
28,893,308	4,874,698	1,592,134	20,458,974	1,967,502	----------	----------	98,576,699	96,626,711	22,207	284,093	1,643,688	151,126,511	52,549,812	53
9,734,713	1,069,469	672,132	7,348,050	617,629	27,433	----------	3,116,151	2,769,878	60,256	191,885	94,132	17,033,251	13,917,100	54
4,481,268	527,116	556,796	3,022,350	367,971	7,035	----------	7,717,220	7,585,207	35,865	82,766	13,382	15,768,234	8,051,014	55
39,484,636	6,130,719	4,369,734	25,158,315	3,807,570	5,369	12,929	36,350,557	30,684,121	185,401	1,168,726	4,312,309	98,566,965	62,216,408	56
12,749,154	710,639	3,080,285	7,977,943	964,313	9,114	6,860	14,428,133	13,984,241	155,118	237,188	51,586	37,389,479	22,961,346	57
533,729	65,423	100,853	348,370	17,743	1,340	----------	2,465,073	2,403,351	31,213	29,502	1,007	4,564,227	2,099,154	58
4,773,800	375,542	421,094	3,854,179	113,664	9,321	----------	3,461,937	2,907,735	352,584	154,435	47,183	10,216,654	6,754,717	59
1,874,944	201,500	223,850	1,194,391	205,086	48,617	1,500	7,979,751	7,701,874	229,448	47,961	468	11,269,552	3,289,801	60
3,043,996	430,163	353,279	1,830,914	429,640	----------	----------	5,163,870	3,209,944	4,511	49,964	1,899,451	10,903,244	5,739,374	61
1,055,088	----------	154,182	848,419	----------	52,487	----------	2,369,531	2,004,889	145,414	218,808	420	5,871,238	3,501,707	62
249,679	36,283	12,858	183,144	17,394	----------	----------	295,100	280,179	1,141	4,535	9,245	736,931	441,831	63
718,725	50,952	17,387	650,386	----------	----------	----------	156,766	130,877	851	13,374	11,664	1,113,811	957,045	64
975,974	208,546	110,650	534,383	121,560	835	----------	786,709	742,480	8,463	20,313	15,453	2,236,044	1,449,335	65
3,488,128	594,020	349,980	2,157,688	362,855	21,965	1,620	4,596,037	4,415,870	44,285	111,515	24,367	10,196,075	5,600,038	66
982,768	160,638	71,677	688,407	61,326	----------	720	2,826,902	2,702,454	632	21,011	102,805	4,376,979	1,550,077	67
348,808	38,086	19,311	282,650	8,761	----------	----------	488,529	481,760	----------	6,769	----------	1,095,289	606,760	68
476,830	93,133	53,629	317,729	12,339	----------	----------	694,562	679,583	2,564	7,532	4,883	1,495,822	801,260	69
5,329,284	150,420	376,092	4,287,230	488,928	23,234	3,380	3,978,922	3,460,964	104,205	54,737	359,016	11,359,532	7,380,610	70

TABLE 9.—GENERAL STATISTICS FOR

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1]						
					Total [2]	Salaried officers of corporations [2]	Manufacturing		Distribution	Construction	Other
							Salaried employees [2]	Wage earners (average for year) [3]			
		NEW YORK CITY-NEWARK-JERSEY CITY INDUSTRIAL AREA—Continued									
1	3	Hosiery—seamless	7	5	175	10	6	156	3		
2	4	House dresses, uniforms, and aprons—made in contract factories	152	157	5,364	37	58	5,262	6		1
3	4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	161	145	4,763	133	282	3,926	412		10
4	4	Houseturnishings (except curtains, draperies, and bedspreads)	193	159	4,105	130	290	3,307	360	10	8
5	6	Household furniture, except upholstered	246	157	4,986	292	323	3,992	368		11
6	1	Ice cream and ices	108	52	3,536	92	225	1,562	1,523	38	96
7	1	Ice, manufactured	114	7	1,460	60	149	1,081	144		26
8	12	Industrial leather belting and packing leather	29	10	193	32	24	98	39		
9	17	Industrial machinery, not elsewhere classified	87	29	3,583	130	579	2,573	243	42	16
10	9	Insecticides, fungicides, and related industrial and household chemical compounds	148	33	2,047	164	363	1,217	280	14	9
11	17	Internal-combustion engines	3	1	107	6	11	90			
12	15	Jewelers' findings and materials	19	12	589	20	41	458	66		4
13	20	Jewelry cases and instrument cases	65	53	2,047	49	146	1,720	132		
14	15	Jewelry (precious metals)	448	393	5,367	318	643	3,890	495		21
15	3	Jute goods (except felt)	3		792	9	80	698	5		
16	3	Knitted cloth	102	60	1,900	87	146	1,561	100	1	5
17	3	Knitted gloves	3	1	899	1	1	896	1		
18	3	Knitted outerwear (except knit gloves)—contract factories	202	218	3,443	72	47	3,305	17	1	1
19	3	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	212	145	5,409	233	277	4,166	716	5	12
20	3	Knitted underwear	9	7	381	15	20	317	27		2
21	3	Lace goods	16	14	815	16	40	728	31		
22	6	Lasts and related products	7	4	279	7	18	231	23		
23	12	Leather gloves and mittens	41	43	482	26	11	427	16		2
24	12	Leather goods not elsewhere classified [b]	84	80	1,678	59	65	1,465	89		
25	12	Leather: tanned, curried, and finished—contract factories	25	19	698	34	24	627	13		
26	12	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	37	8	1,684	79	100	1,423	74	8	
27	15	Lighting fixtures	198	106	5,296	250	461	4,054	525		6
28	1	Liquors, rectified or blended [a]	26	1	600	25	121	392	61		1
29	8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	185	40	8,549	343	985	6,275	920	26	
30	9	Lubricating oils and greases—not made in petroleum refineries	22	2	426	14	67	274	68	2	1
31	1	Macaroni, spaghetti, vermicelli, and noodles	78	87	2,296	73	119	1,702	396	3	3
32	8	Machine and hand typesetting (including advertisement typesetting)	183	121	2,427	190	249	1,826	162		
33	17	Machine-shop products, not elsewhere classified	230	124	5,225	235	669	3,734	457	27	103
34	17	Machine-shop repairs	96	66	719	72	73	567	5		2
35	17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	127	77	1,611	109	119	1,336	39	1	7
36	17	Machine tools	8	1	668	13	90	527	36		2
37	1	Malt liquors	33		8,545	96	548	3,682	3,670	161	388
38	6	Mattresses and bedsprings	170	145	3,632	110	381	2,796	335		10
39	17	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	11	1	1,461	19	128	1,191	119	1	3
40	1	Meat packing, wholesale	59	14	9,655	91	938	6,929	1,636	27	34
41	17	Mechanical power-transmission equipment	17	4	2,135	23	332	1,634	146		
42	4	Men's and boys' hats and caps (except felt and straw)	103	135	1,347	43	48	1,189	65		2
43	4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in contract factories	34	30	2,399	17	61	2,313	4		4
44	4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	136	75	4,911	119	290	4,235	258		9
45	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	506	609	25,252	316	360	24,466	70	1	39
46	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	612	452	15,290	585	835	11,957	1,845	24	44
47	4	Men's and boys' underwear—made in inside factories or by jobbers engaging contractors	4		56	4	6	45	1		
48	4	Men's neckwear—made in contract factories [a]	27	28	681	6	9	663	3		
49	4	Men's neckwear—made in inside factories or by jobbers engaging contractors	176	172	3,021	100	167	2,445	294		15
50	17	Metalworking machinery and equipment, not elsewhere classified	17	6	2,935	15	728	2,072	115	3	2
51	4	Millinery [a]	733	456	16,358	774	908	13,268	1,369	1	38
52	13	Minerals and earths, ground or otherwise treated	14	2	574	15	31	505	23		
53	6	Mirror frames and picture frames	68	46	997	60	54	821	62		
54	13	Mirrors and other glass products made of purchased glass	169	124	2,614	171	164	2,085	182	4	8
55	20	Miscellaneous fabricated products not elsewhere classified	263	186	6,576	221	369	5,465	515	3	3
56	4	Miscellaneous fabricated textile products not elsewhere classified	110	87	1,615	79	109	1,314	106	2	5
57	20	Models and patterns (except paper patterns)	119	79	1,360	117	87	1,057	99		
58	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	141	62	1,569	145	111	1,121	173	3	16
59	18	Motor vehicles, motor-vehicle bodies, parts and accessories	99	38	13,323	133	1,365	10,718	1,100	3	4
60	20	Needles, pins, hooks and eyes, and slide and snap fasteners [a]	22	4	2,306	30	109	2,001	120	46	
61	8	Newspapers: publishing and printing	173	45	23,773	218	7,644	10,555	5,287	69	
62	8	Newspapers: publishing without printing	60	12	495	34	339	38	84		
63	1	Nonalcoholic beverages	257	144	3,579	254	254	1,761	1,221	44	45
64	15	Nonferrous-metal foundries (except aluminum)	67	50	646	48	39	537	17		5
65	15	Nonferrous-metal products not elsewhere classified	117	52	3,887	142	484	2,996	229	16	20

See footnotes at end of table.

INDUSTRIAL AREAS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [3]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
NEW YORK CITY-NEWARK-JERSEY CITY INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	1
3,517,134	69,070	84,630	3,355,167	6,567	----------	1,700	252,093	160,279	15,278	76,387	149	4,742,489	4,490,396	2
5,098,474	646,908	397,645	3,336,519	700,167	----------	17,235	24,412,449	18,991,908	9,807	91,118	5,319,616	33,631,755	9,219,306	3
4,452,732	556,476	397,095	2,858,637	607,176	24,186	9,162	16,113,263	15,594,044	19,105	106,938	393,176	24,750,923	8,637,660	4
6,943,510	995,760	526,069	4,748,404	638,599	----------	34,678	8,855,520	8,512,233	57,161	195,464	90,662	19,848,792	10,993,272	5
5,944,147	402,818	409,305	1,975,957	2,893,570	98,433	164,064	17,206,962	16,593,295	105,393	508,274	----------	33,313,578	16,106,616	6
2,343,830	342,022	329,059	1,448,765	199,391	1,385	23,208	2,224,470	312,611	101,963	1,809,896	----------	9,256,758	7,032,288	7
332,475	104,864	44,096	124,371	59,144	----------	----------	762,073	744,970	1,925	9,051	6,127	1,364,631	602,558	8
6,224,619	741,462	1,106,187	3,771,234	527,828	56,166	21,742	6,309,794	5,907,227	146,935	203,333	52,299	16,567,116	10,257,322	9
3,619,976	753,095	798,832	1,403,219	623,464	29,230	12,136	13,161,746	12,816,140	137,629	95,512	112,465	25,739,545	12,577,799	10
(5)	(5)	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	11
1,002,525	168,784	85,072	616,897	129,772	----------	2,000	3,528,722	3,418,188	9,251	17,960	83,323	5,156,240	1,627,518	12
2,571,768	236,367	224,144	1,658,815	452,442	----------	----------	2,681,844	2,597,517	10,958	56,392	16,977	6,257,166	3,575,322	13
9,225,843	1,588,376	1,042,320	5,510,532	1,065,581	----------	19,034	16,734,888	15,867,546	31,793	95,172	740,377	32,151,557	15,416,669	14
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	15
2,500,532	431,744	285,410	1,569,690	206,928	2,860	3,900	11,366,702	10,712,126	25,593	114,448	514,535	16,170,198	4,803,496	16
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	17
2,863,867	122,385	83,041	2,648,209	8,382	900	950	669,629	494,583	35,088	108,358	31,600	5,466,981	4,797,352	18
6,814,806	1,074,024	444,608	4,126,950	1,145,081	10,760	13,383	26,580,838	20,838,558	33,208	150,650	5,558,422	39,491,386	12,910,548	19
411,096	60,749	34,347	272,344	41,724	----------	1,932	1,127,794	960,429	8,373	7,783	151,209	1,785,226	657,432	20
997,740	90,419	69,857	805,669	31,795	----------	----------	951,049	875,720	30,568	14,509	30,252	2,883,270	1,932,221	21
447,996	30,813	37,465	330,202	49,516	----------	----------	265,037	243,616	2,120	19,301	----------	1,104,757	839,720	22
492,933	51,745	14,620	400,270	22,854	----------	3,444	654,992	602,407	90	5,085	47,410	1,373,617	718,625	23
1,782,395	266,221	102,355	1,282,384	131,435	----------	----------	2,560,525	2,473,625	6,454	29,233	51,213	5,393,322	2,832,797	24
996,933	171,647	46,696	760,186	18,404	----------	----------	919,915	768,300	65,247	36,932	49,436	2,293,670	1,373,755	25
2,695,366	487,726	232,895	1,802,435	160,887	11,423	----------	8,110,633	7,283,510	117,712	98,103	611,308	12,708,510	4,597,877	26
7,674,179	1,328,740	837,672	4,527,525	975,385	----------	4,857	14,417,676	14,034,833	56,017	194,992	131,834	27,875,427	13,457,751	27
886,882	94,555	221,308	469,404	100,460	----------	1,155	5,410,549	5,364,017	19,339	27,193	----------	8,265,236	2,854,687	28
16,675,542	2,220,108	2,112,593	9,918,718	2,386,285	37,838	----------	14,397,446	11,733,183	75,216	364,236	2,224,811	39,736,916	25,339,470	29
884,990	123,453	171,011	392,158	196,343	1,765	260	5,518,918	5,419,908	74,103	19,401	5,506	9,102,528	3,583,610	30
3,183,081	418,163	217,547	1,809,360	695,238	39,116	3,657	8,316,038	7,945,743	100,079	259,745	10,471	15,426,736	7,110,698	31
4,543,693	790,205	447,798	3,010,260	295,430	----------	----------	1,038,043	757,735	26,494	107,502	146,312	7,714,152	6,676,109	32
8,981,908	1,420,011	1,229,056	5,112,874	989,214	27,292	203,461	11,265,508	10,812,834	141,512	241,211	69,951	26,703,225	15,437,717	33
1,208,271	192,095	125,989	881,857	6,579	----------	1,751	755,854	701,919	12,457	38,994	2,484	2,790,792	2,034,938	34
2,889,399	530,673	219,026	2,065,013	66,438	953	7,296	1,361,714	1,190,625	13,797	80,222	77,070	5,587,717	4,226,003	35
1,257,291	84,890	239,385	849,007	82,232	----------	1,777	773,696	731,994	9,894	28,004	3,804	2,299,740	1,526,044	36
21,262,156	1,322,025	1,287,314	7,915,983	9,356,390	363,551	1,016,893	26,341,131	25,050,309	926,776	364,046	----------	93,430,573	67,089,442	37
5,575,095	433,492	679,081	3,904,674	546,334	----------	11,514	11,390,546	11,216,246	51,108	122,513	679	21,208,672	9,818,126	38
2,335,792	105,519	297,501	1,671,687	258,460	1,125	1,500	1,643,292	1,550,665	27,873	64,476	278	7,056,081	5,412,789	39
17,150,628	598,121	1,991,071	10,973,885	3,477,400	51,644	58,507	167,288,498	165,685,449	691,943	413,480	497,626	194,437,903	27,149,405	40
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	41
1,452,299	107,183	78,421	1,188,726	76,494	----------	1,475	2,358,148	2,200,068	4,620	31,610	121,850	4,759,878	2,401,730	42
1,648,426	49,546	95,270	1,496,695	4,146	----------	2,769	210,272	175,981	5,186	26,488	2,617	2,233,218	2,022,946	43
4,834,732	542,726	427,963	3,458,754	385,981	----------	19,308	20,321,894	14,759,151	27,951	63,107	5,471,685	28,980,723	8,658,829	44
25,291,158	854,264	504,982	23,830,971	70,732	560	29,649	1,384,574	868,595	96,211	309,378	110,390	31,620,361	30,235,787	45
25,515,576	2,908,238	1,536,195	17,721,794	3,285,377	24,801	39,171	138,957,874	100,473,495	47,414	320,041	38,116,924	189,498,211	50,540,337	46
54,785	14,550	7,602	29,908	2,725	----------	----------	232,322	159,926	----------	1,305	71,091	338,809	106,487	47
453,441	32,212	15,197	404,182	1,850	----------	----------	107,822	96,826	362	10,634	----------	742,568	634,746	48
3,531,590	499,308	230,414	2,300,905	492,369	----------	8,594	10,608,139	9,762,732	1,506	54,510	789,391	17,145,708	6,537,569	49
5,351,495	115,054	1,396,804	3,576,027	256,055	3,056	4,499	4,040,612	3,842,848	72,476	95,497	29,791	10,364,824	6,324,212	50
23,531,127	2,936,151	1,523,672	16,764,551	2,257,259	891	48,603	29,137,754	28,342,126	75,014	448,640	271,974	66,130,603	36,992,849	51
620,203	102,448	57,590	418,176	40,255	----------	1,734	1,148,839	1,120,462	10,869	16,416	1,092	2,456,088	1,307,249	52
1,165,344	188,956	72,810	804,041	99,537	----------	----------	1,805,096	1,681,108	4,612	28,123	91,253	3,796,340	1,991,244	53
3,325,792	573,319	247,122	2,214,833	277,781	3,637	9,100	3,854,896	3,669,185	58,946	99,970	26,795	8,848,643	4,993,747	54
6,898,484	929,196	598,270	4,647,448	713,775	4,737	5,058	8,964,716	8,602,893	53,122	149,649	159,052	20,510,980	11,546,264	55
1,816,709	407,084	172,101	1,060,823	171,832	2,692	2,177	4,876,388	4,628,744	11,313	36,344	199,987	8,836,894	3,960,506	56
2,205,389	453,116	148,421	1,441,730	162,122	----------	----------	1,098,621	1,019,885	10,547	46,843	21,346	4,426,416	3,327,795	57
2,795,917	407,731	201,762	1,871,447	294,424	2,664	17,889	3,482,921	3,079,062	19,873	196,837	187,149	8,578,630	5,095,709	58
22,193,077	591,431	2,871,290	16,713,307	2,005,245	9,000	2,804	134,415,245	133,316,687	520,729	524,363	53,466	173,791,085	39,375,840	59
3,030,625	304,732	234,743	2,218,997	235,523	36,630	----------	2,815,680	2,721,338	30,765	58,261	5,316	7,146,540	4,330,860	60
55,466,100	2,167,227	21,102,958	22,250,700	9,748,361	196,854	----------	42,682,825	37,696,097	258,413	828,361	3,899,954	132,263,060	89,580,235	61
645,414	82,215	401,107	58,417	103,675	----------	----------	899,020	30,889	596	5,945	861,590	1,943,059	1,044,039	62
6,107,107	832,217	512,274	2,474,742	2,161,204	70,067	56,603	11,221,586	10,836,466	125,378	244,413	15,329	25,909,033	14,687,447	63
996,153	171,388	65,152	715,525	33,596	----------	10,492	1,381,704	1,253,787	65,232	30,023	32,662	2,894,057	1,512,353	64
6,168,098	662,608	997,776	4,007,075	432,253	33,751	34,635	8,732,935	8,296,881	195,247	202,111	38,696	20,716,403	11,983,468	65

TABLE 9.—GENERAL STATISTICS FOR

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
		NEW YORK CITY-NEWARK-JERSEY CITY INDUSTRIAL AREA -Continued									
1	17	Office and store machines not elsewhere classified	29	8	1,890	48	302	1,422	105	1	12
2	6	Office furniture	23	5	929	38	99	674	103	15	
3	14	Oil burners, domestic and industrial	28	2	379	38	77	218	46		
4	20	Ophthalmic goods: lenses and fittings	32	11	1,529	60	108	1,242	114	5	
5	20	Optical instruments and lenses	7	1	150	13	19	112	6		
6	10	Oven coke and coke-oven byproducts	3		1,075		62	1,013			
7	9	Paints, varnishes, and lacquers	232	45	8,778	320	1,359	5,357	1,645	38	59
8	7	Paper and paperboard mills	21		2,279	29	188	2,001	36	25	
9	7	Paper bags, except those made in paper mills	25	7	1,923	32	90	1,664	137		
10	7	Paperboard containers and boxes not elsewhere classified	286	96	13,631	492	892	11,078	1,132	26	11
11	17	Paper-mill, pulp-mill, and paper-products machinery	9	3	980	22	134	721	101	2	
12	6	Partitions, shelving, cabinet work, and office and store fixtures	191	130	2,437	183	221	1,851	167	2	13
13	10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	8		254	4	23	227			
14	20	Pencils (except mechanical) and crayons [6]	19	4	3,467	38	339	2,594	462	34	
15	20	Pens, mechanical pencils, and pen points	34	24	1,463	30	95	1,254	79	5	
16	9	Perfumes, cosmetics, and other toilet preparations	209	36	7,357	247	668	5,156	1,232	17	37
17	8	Periodicals: publishing and printing	52	8	4,944	82	1,309	2,180	1,329	20	24
18	8	Periodicals: publishing without printing	555	83	14,232	776	7,160	132	6,164		
19	10	Petroleum refining	11		8,872		1,197	5,035	223	2,239	178
20	8	Photoengraving, not done in printing establishments (including preparation of plates)	93	23	3,627	208	326	2,418	675		
21	20	Photographic apparatus and materials and projection equipment (except lenses)	37	14	2,792	42	465	2,104	101	21	59
22	1	Pickled fruits and vegetables and vegetable sauces and seasonings	41	24	684	47	75	473	88		1
23	5	Planing mills not operated in conjunction with sawmills	205	90	2,584	201	181	1,913	262		27
24	9	Plastic materials	13		4,188	17	837	2,984	180	168	2
25	5	Plywood mills	3		27	7	3	15	2		
26	13	Pottery products not elsewhere classified	6		272	9	17	238	8		
27	1	Poultry dressing and packing, wholesale	10	2	215	16	12	172	15		
28	14	Power boilers and associated products	25	8	640	30	68	508	34		
29	1	Prepared feeds (including mineral) for animals and fowls	29	14	742	29	85	488	133		7
30	1	Preserves, jams, jellies, and fruit butters	24	5	582	39	47	382	111	2	1
31	9	Printing ink	58	7	1,739	82	398	944	311	1	3
32	17	Printing-trades machinery and equipment	48	11	5,021	65	864	3,610	416		66
33	3	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	9	1	469	11	37	393	28		
34	20	Professional and scientific instruments (except surgical and dental)	73	50	6,992	80	1,533	4,950	365	64	
35	6	Public-building furniture	14	6	435	17	32	367	18		1
36	17	Pumping equipment and air compressors	26	8	2,208	49	590	1,500	68		1
37	16	Radios, radio tubes, and phonographs	72	24	9,588	92	1,424	7,490	348	214	20
38	6	Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets	10	10	347	7	24	278	38		
39	3	Rayon broad woven goods—contract factories	27	13	907	31	28	842	6		
40	3	Rayon broad woven goods—regular factories or jobbers engaging contractors	33	20	1,585	35	78	1,440	32		
41	3	Rayon narrow fabrics	57	38	1,904	47	103	1,590	163		1
42	3	Rayon throwing and spinning—contract factories	8	6	157	3	4	149	1		
43	3	Rayon yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	21	5	833	29	56	712	36		
44	17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	49	32	634	44	45	480	60		5
45	4	Robes, lounging garments, and dressing gowns	188	173	5,161	154	332	4,214	422		39
46	10	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	17	9	1,344	9	195	1,083	41	15	1
47	11	Rubber products not elsewhere classified	86	23	10,082	122	1,139	8,090	510	203	18
48	12	Saddlery, harness, and whips	4	1	101	7	6	74	14		
49	1	Salad dressings	12	4	504	6	52	394	22	7	23
50	1	Sausage casings—not made in meat-packing establishments	8	2	159	6	11	140	2		
51	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	133	83	1,995	115	145	1,170	525	11	29
52	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	10	13	231	6	13	202	10		
53	14	Saws	5	5	143	5	12	120	6		
54	17	Scales and balances	13	5	860	16	103	629	110	2	
55	14	Screw-machine products and wood screws	28	15	957	36	69	782	70		
56	15	Secondary smelting and refining, gold, silver, and platinum [6]	33	16	1,206	31	110	772	248		45
57	15	Secondary smelting and refining of nonferrous metals, not elsewhere classified	13	8	887	19	128	649	80	7	4
58	15	Sheet-metal work not specifically classified	155	70	2,837	166	232	2,189	240		10
59	19	Shipbuilding and ship repairing	57	4	16,511	111	1,606	14,483	86	133	92
60	20	Signs, advertising displays, and advertising novelties	305	219	5,020	269	418	3,635	696	2	
61	3	Silk broad woven goods—contract factories	18	13	325	7	15	301	2		
62	3	Silk broad woven goods—regular factories or jobbers engaging contractors	38	24	1,746	35	67	1,607	35		2
63	3	Silk narrow fabrics [6]	58	22	2,123	58	145	1,877	43		
64	3	Silk yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	4	1	1,069	2	21	1,040	6		
65	15	Silverware and plated ware	58	36	1,847	82	124	1,454	180		7

See footnotes at end of table.

INDUSTRIAL AREAS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [3]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
NEW YORK CITY-NEWARK-JERSEY CITY INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
3,104,072	388,087	624,324	1,909,665	164,717	1,777	15,502	1,365,983	1,250,541	25,634	45,026	44,782	6,128,985	4,763,002	1
1,176,478	130,067	160,723	711,426	161,464	12,798	----------	1,768,895	1,717,003	14,919	27,335	9,638	3,588,976	1,820,081	2
665,382	152,621	123,548	297,896	91,317	----------	----------	2,309,343	2,272,381	7,297	13,541	16,124	3,635,248	1,325,905	3
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	4
298,636	72,569	62,150	152,633	11,284	----------	----------	128,574	123,046	947	4,476	105	564,810	436,236	5
1,865,862	----------	192,125	1,673,737	----------	----------	----------	12,009,696	11,500,043	417,764	91,889	----------	20,343,055	8,333,359	6
16,498,845	2,098,814	2,718,459	8,027,306	3,517,742	52,570	83,954	56,169,623	55,044,640	562,057	518,495	44,431	101,053,988	44,884,365	7
3,802,492	370,382	471,840	2,809,459	125,231	25,580	----------	9,135,153	7,541,111	1,300,790	293,252	----------	16,997,277	7,862,124	8
2,711,492	392,163	252,859	1,759,298	307,172	----------	----------	9,433,750	9,337,801	20,872	75,077	----------	16,300,685	6,866,935	9
18,016,364	2,967,203	1,701,005	11,053,924	2,230,819	47,221	16,192	32,855,324	32,135,383	187,211	445,742	86,988	61,514,426	28,659,102	10
1,761,761	219,935	312,695	995,467	219,574	14,090	----------	1,141,593	1,089,380	19,420	32,793	----------	3,950,670	2,809,077	11
3,930,260	633,198	388,796	2,610,554	279,764	3,801	14,147	5,590,719	5,286,185	37,222	123,503	143,809	12,143,192	6,552,473	12
393,268	30,400	46,945	315,923	----------	----------	----------	1,334,447	1,171,695	149,481	7,428	5,843	2,864,594	1,530,147	13
4,301,861	321,339	696,779	2,463,741	771,152	48,850	----------	4,352,693	4,159,883	125,711	67,099	----------	9,511,974	5,159,281	14
1,893,103	281,298	145,456	1,320,053	139,550	6,746	----------	2,843,071	2,765,802	12,620	37,092	27,557	6,282,575	3,439,504	15
10,237,642	1,629,051	1,258,469	4,908,588	2,368,379	21,504	51,651	28,973,061	28,588,245	76,166	137,689	170,961	72,876,309	43,903,248	16
9,320,813	672,810	2,572,207	3,804,359	2,219,613	34,672	17,152	5,395,037	3,799,092	55,917	115,816	1,424,212	24,057,768	18,662,731	17
34,836,995	5,930,635	14,643,582	199,013	14,063,765	----------	----------	74,710,643	29,142,670	2,296	85,204	45,480,473	167,763,171	93,052,528	18
19,091,907	----------	3,193,531	10,064,808	357,577	5,146,304	329,687	133,028,461	126,603,323	5,703,053	216,835	505,250	190,675,491	57,647,030	19
10,683,113	1,212,262	755,078	7,145,656	1,570,117	----------	----------	1,951,722	1,633,316	14,931	180,812	122,663	15,651,858	13,700,136	20
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	21
916,491	202,494	151,606	402,247	158,584	----------	1,560	3,246,325	3,200,928	10,350	35,047	----------	6,159,471	2,913,146	22
4,271,861	692,569	330,529	2,757,266	459,768	----------	31,729	7,960,148	7,666,709	46,187	198,942	48,310	15,141,746	7,181,598	23
6,946,092	185,246	1,836,313	4,241,297	417,755	262,752	2,729	12,179,051	11,618,895	318,116	195,569	46,471	24,753,575	12,574,524	24
38,757	12,427	5,105	17,914	3,311	----------	----------	41,711	39,326	1,943	442	----------	87,909	46,198	25
356,189	28,670	38,015	279,316	10,188	----------	----------	161,271	130,288	20,325	10,658	----------	754,405	593,134	26
353,333	78,497	21,956	205,647	47,233	----------	----------	1,075,721	1,063,877	5,993	5,851	----------	1,724,719	648,998	27
1,029,729	127,129	148,359	707,295	46,946	----------	----------	2,115,242	1,991,705	13,942	68,072	41,523	4,141,264	2,026,022	28
1,088,012	158,347	174,991	593,637	153,040	----------	7,997	3,599,007	3,438,983	125,251	34,773	----------	7,289,299	3,690,292	29
785,815	183,360	93,525	351,611	151,729	3,474	2,116	4,055,100	4,007,470	29,516	17,958	156	5,593,154	1,538,054	30
3,764,059	588,747	890,028	1,471,510	809,662	1,386	2,726	9,050,174	8,748,058	70,516	228,974	2,626	19,502,066	10,451,892	31
9,135,392	533,816	1,794,096	6,130,130	605,892	----------	71,458	5,319,165	5,021,057	112,359	158,745	27,004	20,118,210	14,799,045	32
523,370	59,619	69,043	316,457	78,251	----------	----------	2,714,411	2,650,308	26,739	37,364	----------	3,567,628	853,217	33
13,065,652	821,307	3,273,660	7,904,642	917,361	148,682	----------	9,523,741	8,197,581	69,862	162,705	1,093,593	33,703,012	24,179,271	34
645,495	60,168	43,053	504,869	35,224	----------	2,181	742,111	670,673	4,399	15,474	51,565	1,973,250	1,231,139	35
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	36
12,520,044	637,523	2,875,630	7,900,940	632,900	442,450	30,601	18,878,015	17,653,028	91,323	308,528	825,136	40,734,446	21,856,431	37
400,823	88,801	47,261	226,781	37,980	----------	----------	619,444	609,139	3,588	6,717	----------	1,128,175	508,731	38
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	39
1,891,377	176,703	120,549	1,436,715	157,410	----------	----------	5,678,348	5,020,725	9,263	54,137	594,223	8,798,816	3,120,468	40
2,060,341	216,062	190,199	1,475,798	177,242	----------	1,040	2,662,993	2,561,032	16,702	71,739	13,520	6,215,430	3,552,437	41
126,796	7,900	4,762	112,574	1,560	----------	----------	15,782	5,495	2,896	7,391	----------	306,986	291,204	42
839,960	138,609	84,004	554,201	63,146	----------	----------	3,343,153	3,268,195	10,172	52,373	12,413	4,807,243	1,464,090	43
907,646	118,316	70,409	620,061	93,522	----------	5,338	1,696,134	1,625,666	4,311	29,519	36,638	3,286,355	1,590,221	44
5,543,646	658,688	504,978	3,617,222	732,794	----------	29,964	18,634,925	16,058,261	6,936	100,013	2,469,715	28,132,293	9,497,368	45
2,103,052	24,620	486,955	1,448,011	91,682	49,727	2,057	8,213,877	7,899,761	228,962	75,634	9,520	13,144,522	4,930,645	46
13,805,880	727,263	2,456,623	8,872,981	1,342,779	388,492	17,742	20,675,966	19,646,367	435,708	572,348	21,543	41,235,339	20,559,373	47
151,952	34,220	11,159	87,437	19,136	----------	----------	217,991	215,248	1,233	1,510	----------	387,433	169,442	48
855,732	27,748	105,745	626,365	43,667	15,000	37,207	8,847,687	8,790,373	35,067	22,247	----------	11,098,931	2,251,244	49
169,111	32,700	20,564	113,347	2,500	----------	----------	730,920	725,517	2,090	3,313	----------	1,018,341	287,421	50
3,724,738	634,239	303,824	1,740,230	998,659	9,247	38,539	20,880,386	20,533,041	119,504	227,841	----------	26,288,208	5,407,822	51
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	52
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	53
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	54
1,579,744	283,659	135,654	1,007,118	153,313	----------	----------	1,612,118	1,485,814	20,492	60,123	45,689	4,387,593	2,775,475	55
2,365,249	251,396	296,941	1,212,967	535,675	----------	68,270	69,610,661	69,441,793	120,865	47,943	60	74,426,955	4,816,294	56
1,567,932	107,663	339,263	930,775	179,394	5,406	5,431	14,571,558	14,285,426	170,900	62,926	52,306	18,088,842	3,517,284	57
4,524,090	652,852	440,001	2,983,280	434,491	1,202	12,264	6,109,802	5,930,016	43,825	101,359	34,602	12,935,671	6,825,869	58
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	59
7,860,996	1,231,358	682,521	4,818,290	1,124,389	4,438	----------	7,253,315	6,558,689	48,838	121,656	524,132	19,520,733	12,267,418	60
244,333	7,406	15,901	218,526	2,500	----------	----------	32,874	11,858	1,549	18,157	1,310	322,869	289,995	61
1,829,086	176,648	124,699	1,452,619	73,872	----------	1,248	2,968,175	2,699,262	27,978	67,827	173,108	5,786,104	2,817,929	62
2,486,462	271,200	271,160	1,890,445	52,617	----------	1,040	1,970,871	1,837,992	41,066	66,674	25,139	6,458,036	4,487,165	63
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	64
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	65

TABLE 9.—GENERAL STATISTICS FOR

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
		NEW YORK CITY-NEWARK-JERSEY CITY INDUSTRIAL AREA—Continued									
1	12	Small leather goods	60	44	1,428	52	62	1,248	66	...	...
2	9	Soap and glycerin	49	9	5,375	54	764	3,719	674	164	...
3	20	Soda fountains, beer dispensing equipment, and related products	15	5	123	16	11	72	24	...	...
4	1	Special dairy products	5	1	427	8	44	272	94	...	9
5	17	Special-industry machinery, not elsewhere classified	29	10	803	34	129	610	29	...	1
6	20	Sporting and athletic goods not elsewhere classified	34	22	669	27	63	487	92	...	...
7	14	Stamped and pressed metal products (except automobile stampings)	142	59	6,028	195	526	5,028	273	1	5
8	13	Statuary and art goods (except stone and concrete)—factory production	37	39	376	19	15	323	17	...	2
9	14	Steam and hot-water heating apparatus (including hot water furnaces)	4	...	845	...	49	796	...	...	...
10	13	Steam and other packing; pipe and boiler covering	34	15	449	35	47	295	71	1	...
11	14	Steam fittings, regardless of material	19	6	405	31	57	293	24	...	...
12	14	Steel castings	3	...	374	5	48	310	7	4	...
13	14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	21	3	1,065	37	134	831	63	...	...
14	12	Suitcases, brief cases, bags, trunks, and other luggage	125	87	2,327	142	102	1,934	148	1	...
15	20	Surgical and medical instruments	11	5	1,070	16	90	890	69	2	3
16	20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	73	43	4,313	86	567	2,487	988	185	...
17	13	Tableware, pressed or blown glass, and glassware not elsewhere classified	8	2	377	15	26	315	21	...	...
18	9	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	38	6	1,133	61	210	665	147	27	23
19	4	Textile bags not made in textile mills	34	16	1,677	38	96	1,460	79	3	1
20	17	Textile machinery	56	29	1,083	72	116	811	76	1	7
21	14	Tin cans and other tinware not elsewhere classified	42	10	6,240	50	639	5,273	117	159	2
22	2	Tobacco (chewing and smoking) and snuff	11	3	492	5	67	384	36	...	...
23	20	Tobacco pipes and cigarette holders	17	5	1,836	30	77	1,625	103	1	...
24	14	Tools (except edge tools, machine tools, files, and saws)	45	23	1,142	41	144	926	23	8	...
25	4	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories	328	330	5,302	204	146	4,658	256	5	33
26	4	Trousers (semidress), wash suits, and washable service apparel	70	53	2,093	61	65	1,889	77	...	1
27	20	Umbrellas, parasols, and canes [5]	62	57	1,671	46	81	1,480	64	...	...
28	6	Upholstered household furniture	146	76	3,261	199	180	2,579	291	...	12
29	6	Venetian blinds	55	40	949	58	60	726	101	...	4
30	13	Vitreous-china plumbing fixtures	3	...	322	5	31	286	...	...	...
31	13	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	21	4	461	28	49	325	59	...	...
32	15	Watchcases [5]	35	27	938	37	79	763	59	...	...
33	6	Window shades	76	61	592	35	50	415	91	...	1
34	1	Wines	30	8	292	25	32	178	57	...	...
35	14	Wire drawn from purchased rods	16	...	4,584	43	428	3,832	249	27	5
36	14	Wirework not elsewhere classified	131	94	4,068	149	293	3,452	166	2	6
37	16	Wiring devices and supplies	24	6	2,723	43	136	2,308	228	2	6
38	4	Women's and misses' blouses and waists—made in contract factories	75	83	2,509	21	34	2,447	5	...	2
39	4	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors	91	50	2,149	110	144	1,414	474	...	7
40	4	Women's and misses' clothing, not elsewhere classified—made in contract factories	57	49	1,927	37	36	1,847	5	...	2
41	4	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	93	60	2,428	113	95	1,820	381	...	19
42	4	Women's and misses' dresses (except house dresses)—made in contract factories	1,230	1,305	39,682	483	359	38,664	106	...	70
43	4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	945	313	35,999	1,409	2,533	25,861	5,830	1	365
44	4	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics	88	92	3,027	42	127	2,745	109	...	4
45	4	Women's, children's, and infants' underwear and nightwear of knitted fabrics	83	60	2,792	74	82	2,476	151	4	5
46	4	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	239	185	10,624	204	483	9,300	605	...	32
47	4	Women's neckwear, scarfs, etc. [6]	93	86	2,212	72	116	1,774	244	...	6
48	12	Women's pocketbooks, handbags, and purses	196	145	5,987	209	247	5,094	430	1	6
49	6	Wooden boxes except cigar boxes	50	21	1,148	67	87	934	60	...	...
50	6	Wood products not elsewhere classified	74	44	802	88	54	587	68	...	5
51	17	Woodworking machinery	3	...	275	6	23	188	56	...	2
52	3	Woolen and worsted manufactures—contract factories	5	5	64	6	...	58	...	...	...
53	3	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	22	9	10,232	37	563	9,586	46	...	...
54	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	121	80	3,342	100	141	2,948	144	1	8
55	9	Writing ink	5	3	70	10	5	38	17	...	...
56		Other industries [6]	1,859	1,039	134,739	1,997	13,630	110,633	6,595	1,160	724
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]									
57	1	Food and kindred products	55	11	5,316	56	611	3,338	905	123	283
58	3	Textile-mill products and other fiber manufactures	135	71	18,774	166	1,151	16,453	947	54	3
59	4	Apparel and other finished products made from fabrics and similar materials	608	471	15,285	512	841	12,473	1,395	14	50
60	8	Furniture and finished lumber products	66	33	2,024	78	192	1,620	126	1	7
61	9	Chemicals and allied products	66	12	5,295	84	758	4,131	146	163	13

See footnotes at end of table

INDUSTRIAL AREAS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
NEW YORK CITY-NEWARK-JERSEY CITY INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
1,333,303	237,724	89,482	899,731	106,366	----------	----------	3,485,182	3,187,430	1,080	18,567	278,105	5,605,837	2,120,655	1
8,503,393	287,485	1,638,998	5,188,625	1,013,835	374,450	----------	38,486,057	37,726,069	684,157	49,932	25,899	75,234,351	36,748,294	2
209,337	52,099	14,844	103,702	38,692	----------	----------	361,188	320,874	1,448	4,447	34,419	686,795	325,607	3
618,962	101,941	82,982	298,525	129,645	----------	5,869	3,452,187	3,427,765	9,472	14,950	----------	5,672,336	2,220,149	4
1,507,011	238,300	266,278	932,901	68,622	----------	910	1,118,574	1,052,120	18,795	38,222	9,437	3,485,452	2,366,878	5
843,938	85,658	97,248	552,817	108,215	----------	----------	1,211,027	1,176,773	9,610	24,144	500	2,932,797	1,721,770	6
7,877,025	1,002,428	969,654	5,366,959	532,211	1,820	3,953	11,114,204	10,451,137	190,325	195,228	277,514	24,038,924	12,924,720	7
604,020	106,430	19,232	449,148	28,168	----------	1,042	299,094	273,773	7,214	12,329	5,778	1,229,849	930,755	8
(5)	----------	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	9
751,851	169,785	88,391	341,210	152,334	131	----------	1,126,356	1,092,677	15,566	17,559	554	2,397,294	1,270,938	10
613,804	116,678	104,690	341,724	50,712	----------	----------	841,325	799,917	4,365	13,197	23,846	2,071,318	1,229,993	11
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	12
1,581,500	182,573	229,081	1,020,620	149,226	----------	----------	3,062,575	2,940,116	42,135	51,101	29,223	5,553,198	2,490,623	13
2,804,939	463,505	142,113	1,973,259	225,374	688	----------	4,981,771	4,924,274	9,038	44,731	3,728	9,174,375	4,192,604	14
2,029,083	209,768	205,443	1,153,842	425,005	1,671	33,354	1,321,897	1,281,019	13,864	22,596	4,418	4,669,999	3,348,102	15
6,794,439	784,707	1,051,352	2,596,990	2,187,752	173,638	----------	11,083,305	10,865,501	62,232	146,972	8,600	25,200,157	14,116,852	16
599,462	81,070	57,342	417,400	43,650	----------	----------	409,458	300,264	90,830	18,364	----------	1,295,949	886,491	17
2,333,424	526,117	528,252	873,119	325,381	40,506	40,049	8,548,386	8,351,100	121,617	75,669	----------	14,688,895	6,140,509	18
1,990,940	331,492	199,619	1,280,954	175,005	3,350	520	8,584,464	8,484,834	20,842	39,767	39,021	12,408,803	3,824,339	19
1,617,363	338,128	212,505	939,900	119,154	186	7,490	1,755,606	1,693,866	20,755	39,806	1,179	4,322,411	2,566,805	20
8,114,648	273,542	1,242,449	6,132,752	255,175	207,723	3,007	25,272,543	24,815,888	229,105	221,806	5,744	42,603,064	17,330,521	21
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	22
2,185,673	198,008	137,171	1,709,625	139,049	1,820	----------	1,576,846	1,480,647	14,193	49,546	32,460	5,185,392	3,608,546	23
1,619,707	243,428	258,215	1,061,719	45,700	10,645	----------	1,672,779	1,569,297	50,817	49,057	3,608	4,240,267	2,567,488	24
5,846,073	713,526	208,778	4,572,891	315,992	10,079	24,807	1,509,476	1,277,764	26,031	126,692	78,989	10,609,228	9,099,752	25
2,288,800	219,683	143,166	1,818,523	106,543	----------	885	5,728,646	4,469,372	18,680	38,522	1,202,072	9,626,901	3,898,255	26
1,727,169	228,226	155,289	1,261,354	82,300	----------	----------	4,035,799	3,913,311	35,752	24,135	62,601	6,707,110	2,671,311	27
4,443,165	688,866	277,032	3,099,598	368,307	----------	9,362	8,237,934	8,076,054	23,407	96,368	42,105	15,536,752	7,298,818	28
1,051,827	163,173	88,017	654,007	145,113	----------	1,517	2,255,484	2,221,923	9,184	24,362	15	3,942,234	1,686,756	29
428,690	23,160	49,447	356,083	----------	----------	----------	302,275	249,497	39,355	13,423	----------	1,019,614	717,339	30
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	31
1,508,811	207,143	172,277	975,865	153,526	----------	----------	1,829,517	1,776,089	3,394	26,272	23,762	4,048,671	2,219,154	32
630,927	98,693	71,160	366,424	93,590	----------	1,060	2,752,185	2,733,578	1,543	15,123	1,941	4,074,771	1,322,586	33
509,363	102,300	96,250	196,789	114,024	----------	----------	1,966,621	1,938,513	3,345	24,763	----------	3,435,747	1,469,126	34
7,164,169	560,564	1,074,781	4,993,777	492,569	38,128	4,350	14,121,164	13,366,590	341,040	405,678	7,856	25,559,185	11,438,021	35
5,281,014	788,215	552,885	3,606,338	321,570	3,951	8,055	7,141,226	6,870,732	69,124	143,645	57,725	16,505,842	9,364,616	36
3,190,899	274,580	285,410	2,253,287	369,217	3,276	5,129	5,725,387	5,626,003	37,013	62,371	----------	10,969,760	5,244,373	37
1,880,808	55,910	45,173	1,775,422	2,705	----------	1,598	137,878	84,159	4,291	36,525	12,903	2,620,647	2,482,769	38
3,155,676	570,847	267,192	1,400,698	910,297	----------	6,642	17,240,028	12,118,149	193	43,323	5,078,363	23,381,147	6,141,119	39
1,669,655	99,728	54,506	1,507,441	5,510	1,144	1,326	198,005	127,353	4,774	34,498	31,380	2,706,228	2,508,223	40
3,314,654	519,701	130,616	1,929,422	713,787	----------	21,128	13,307,117	10,578,933	816	50,998	2,676,370	18,648,828	5,341,711	41
40,704,555	1,310,184	579,206	38,647,476	113,251	----------	54,438	2,197,379	1,485,188	60,220	595,704	56,267	52,522,875	50,325,496	42
60,659,950	7,964,024	4,748,247	36,915,400	10,588,501	1,938	441,840	222,573,624	159,409,094	15,427	933,850	62,215,253	324,096,973	101,523,349	43
2,509,609	137,656	167,906	2,076,025	124,737	----------	3,285	6,945,259	6,295,945	1,679	45,290	602,345	11,523,010	4,577,751	44
2,334,570	239,092	127,536	1,786,054	169,510	6,900	5,478	6,682,712	6,459,484	438	46,610	176,180	10,305,100	3,622,388	45
10,192,213	1,133,381	739,225	7,227,147	1,064,142	----------	28,318	36,218,450	32,238,729	5,316	155,727	3,818,678	54,425,369	18,206,919	46
2,541,088	401,352	176,649	1,573,314	384,559	----------	5,214	6,829,931	5,926,573	3,336	35,731	864,291	11,315,912	4,485,981	47
6,640,109	810,699	420,467	4,802,782	597,246	3,655	5,260	15,757,672	14,271,412	3,224	78,509	1,404,527	25,934,106	10,176,434	48
1,602,141	246,057	145,564	1,088,104	122,416	----------	----------	2,928,111	2,861,488	5,450	60,747	426	6,104,817	3,176,706	49
1,112,829	304,047	84,928	617,558	98,331	----------	7,965	1,414,019	1,355,668	5,746	48,996	3,609	3,342,766	1,928,747	50
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	51
42,503	7,477	----------	35,026	----------	----------	----------	7,529	4,838	432	2,259	----------	74,553	67,024	52
11,355,135	361,787	1,297,004	9,573,766	122,578	----------	----------	23,021,929	22,303,258	522,863	78,203	117,605	44,839,619	21,817,690	53
3,230,568	446,024	212,164	2,346,841	205,396	1,736,	18,407	8,225,628	6,913,530	16,451	55,945	1,239,702	13,425,708	5,200,080	54
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	55
200,391,472	11,576,694	29,127,443	143,569,766	12,752,203	2,247,954	1,117,412	678,763,507	658,528,421	8,678,941	6,022,509	5,533,636	1,044,657,544	365,894,037	56
9,169,469	680,987	1,496,631	4,442,471	1,810,091	276,887	462,402	30,779,547	29,769,395	564,745	445,407	----------	62,285,866	31,506,319	57
23,935,901	1,132,776	2,401,427	18,495,103	1,828,314	76,201	2,080	53,276,000	51,269,854	940,328	678,011	387,807	96,863,965	43,587,965	58
16,212,681	2,321,042	1,211,389	10,406,195	2,194,272	43,656	36,127	48,999,321	45,336,036	28,323	251,774	3,383,188	75,688,329	26,689,008	59
2,603,260	341,501	325,370	1,714,222	212,281	1,500	8,386	5,826,280	5,590,344	129,321	103,626	2,989	10,951,125	5,124,845	60
8,893,223	545,552	1,605,785	6,230,523	324,595	173,478	13,290	53,654,604	51,922,294	1,211,293	392,501	128,516	78,722,439	25,067,835	61

TABLE 9.—GENERAL STATISTICS FOR

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [2]	Distribution	Construction	Other
		NEW YORK CITY-NEWARK-JERSEY CITY INDUSTRIAL AREA—Continued									
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]—continued									
1	13	Stone, clay, and glass products	57	10	3,497	57	323	2,900	182	33	2
2	14	Iron and steel and their products, except machinery	83	30	8,414	103	864	7,236	202	9	------
3	15	Nonferrous metals and their products	199	184	13,703	160	1,564	11,237	410	233	99
4	16	Electrical machinery	101	16	12,838	136	1,589	10,221	810	50	32
5	17	Machinery (except electrical)	101	30	11,233	147	1,548	8,880	462	191	5
6	19	Transportation equipment except automobiles	71	9	24,178	141	2,746	20,578	361	253	99
7	20	Miscellaneous industries	270	142	10,822	312	1,111	8,814	494	32	59
8	2	Tobacco manufactures	24	5	1,921	14	137	1,609	89	------	72
9	5	Lumber and timber basic products	10	13	231	6	13	202	10	------	------
10	7	Paper and allied products	4	2	56	6	5	37	8	------	------
11	8	Printing, publishing, and allied industries	8	} -	1,152	19	177	904	48	4	------
12	11	Rubber products	1								
		PHILADELPHIA-CAMDEN INDUSTRIAL AREA									
13		All industries, total	6,082	4,553	394,909	5,259	38,333	321,725	25,482	2,663	1,447
14	13	Abrasive wheels, stones, paper, cloth, and related products	8	------	704	20	107	468	87	3	19
15	17	Agricultural machinery (except tractors)	5	------	405	12	40	322	31	------	------
16	19	Aircraft and parts, including aircraft engines	5	1	800	19	159	612	10	------	------
17	15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	17	3	1,543	29	131	1,222	99	53	9
18	15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	3	1	52	5	2	42	3	------	------
19	13	Asbestos products (except steam packing and pipe and boiler covering)	7	1	750	11	53	588	98	------	------
20	6	Baskets for fruits and vegetables	5	3	207	4	15	182	6	------	------
21	16	Batteries, storage and primary (dry and wet)	5	------	2,667	8	429	2,080	148	2	------
22	3	Batting, padding, and wadding; upholstery filling	5	2	350	8	22	271	48	------	1
23	4	Belts (apparel), regardless of material	6	10	208	------	15	190	3	------	------
24	1	Biscuit, crackers, and pretzels	21	20	1,881	24	134	1,478	189	17	39
25	19	Boat building and boat repairing	4	5	11	------	------	11	------	------	------
26	14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	7	1	328	8	50	258	12	------	------
27	9	Bone black, carbon black, and lampblack	3	------	107	3	11	60	19	10	4
28	8	Bookbinding and related industries	61	51	1,516	43	100	1,314	59	------	------
29	8	Books: printing without publishing	34	23	631	34	76	484	37	------	------
30	8	Books: publishing and printing	7	2	1,213	15	269	690	239	------	------
31	8	Books: publishing without printing	14	7	157	13	81	14	49	------	------
32	12	Boot and shoe cut stock and findings	6	9	330	5	30	282	13	------	------
33	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	578	623	10,201	39	545	8,118	1,206	66	227
34	13	Brick and hollow structural tile	13	2	522	15	17	465	24	1	------
35	20	Brooms	9	11	144	------	6	133	5	------	------
36	20	Brushes	13	9	181	8	32	123	18	------	------
37	20	Buttons	9	5	236	6	10	216	4	------	------
38	1	Candy and other confectionery products	61	46	4,020	59	167	3,323	446	16	9
39	1	Cane-sugar refining	3	------	2,466	14	236	2,016	63	5	132
40	1	Canned and dried fruits and vegetables (including canned soups)	16	5	4,741	22	398	4,205	102	11	3
41	4	Canvas products (except bags)	17	15	299	12	30	244	13	------	------
42	20	Carbon paper and inked ribbons	3	1	213	6	49	126	27	5	------
43	3	Carpets and rugs, wool	15	5	3,475	32	316	2,977	133	16	1
44	3	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	14	12	442	10	32	391	8	1	------
45	3	Carpet yarn, woolen and worsted	15	5	2,941	28	177	2,678	57	1	------
46	19	Cars and car equipment—railroad, street, and rapid-transit	4	------	1,587	8	293	1,256	30	------	------
47	6	Caskets, coffins, burial cases, and other morticians' goods	15	10	372	15	29	249	78	------	1
48	14	Cast-iron pipe and fittings	6	------	1,947	7	183	1,693	64	------	------
49	1	Cheese	4	1	26	------	------	26	------	------	------
50	9	Chemicals not elsewhere classified	25	4	3,108	17	464	2,328	95	187	17
51	4	Children's coats—made in inside factories or by jobbers engaging contractors	3	2	93	2	4	73	14	------	------
52	4	Children's dresses—made in contract factories	17	19	652	3	11	638	------	------	------
53	4	Children's dresses—made in inside factories or by jobbers engaging contractors	26	16	3,826	17	233	3,383	191	1	1
54	4	Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors [6]	7	6	509	3	13	473	20	------	------
55	1	Chocolate and cocoa products	3	------	523	6	7	479	27	2	2
56	6	Cigar boxes: wooden, part wooden	5	4	233	------	6	225	2	------	------
57	2	Cigars	38	30	9,933	23	405	9,356	112	10	27
58	13	Clay refractories, including refractory cement (clay)	5	3	196	5	18	157	16	------	------
59	9	Cleaning and polishing preparations, blackings, and dressings	20	8	1,056	34	214	572	236	------	------
60	7	Coated and glazed paper	8	4	210	5	24	152	22	4	3
61	4	Coats, suits, and skirts (except fur coats)—made in contract factories	10	10	633	5	16	610	2	------	------
62	4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	30	35	1,067	14	61	942	43	------	7
63	9	Colors and pigments	5	3	86	4	4	74	3	------	1

See footnotes at end of table.

INDUSTRIAL AREAS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [3]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
NEW YORK CITY-NEWARK-JERSEY CITY INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
4,889,865	323,619	647,991	3,523,688	347,681	44,918	1,968	6,387,051	5,576,622	575,644	229,067	5,718	15,928,773	9,541,722	1
12,306,565	695,772	1,784,042	9,396,056	415,137	15,558	----------	19,875,016	17,903,820	1,069,756	755,173	146,267	40,032,076	20,157,060	2
21,664,121	1,014,288	3,507,615	15,919,528	693,312	395,071	134,307	294,740,900	291,227,755	2,525,439	557,932	429,774	327,468,017	32,727,117	3
18,461,893	801,964	3,396,548	12,271,891	1,838,952	111,585	40,953	33,892,635	32,434,645	530,022	859,517	68,451	71,004,220	37,111,585	4
17,902,580	737,506	3,170,328	12,549,723	1,092,638	345,524	6,861	14,280,176	13,497,301	411,802	347,237	23,836	41,821,721	27,541,545	5
44,682,010	1,233,799	6,564,186	35,260,815	799,915	659,902	163,393	42,988,691	41,221,499	457,425	874,263	435,504	113,546,866	70,558,175	6
14,475,448	1,451,975	2,118,155	9,754,621	911,389	95,468	143,840	23,906,923	23,167,093	135,835	383,347	220,648	49,353,644	25,446,721	7
5,194,456	295,913	897,976	3,604,930	283,626	8,206	103,805	50,156,363	49,611,763	99,008	144,654	300,938	60,990,503	10,834,140	8, 9, 10, 11, 12
PHILADELPHIA-CAMDEN INDUSTRIAL AREA														
557,510,494	34,048,216	77,325,879	387,115,110	51,979,344	5,294,058	1,747,887	1,252,248,479	1,179,299,975	32,285,789	15,391,466	25,271,249	2,292,960,250	1,040,711,771	13
1,318,651	114,723	227,657	679,955	266,177	6,096	24,043	1,249,183	1,156,359	68,003	24,821	----------	3,658,567	2,409,384	14
451,461	43,136	61,027	298,580	48,718	----------	----------	586,781	562,669	10,800	13,312	----------	1,544,820	958,039	15
1,171,331	86,500	309,900	761,492	13,439	----------	----------	680,384	614,762	19,072	20,076	26,474	1,952,580	1,272,196	16
2,338,869	239,668	266,718	1,563,556	174,614	85,025	9,288	7,461,120	7,157,960	171,205	117,609	14,346	11,359,733	3,898,613	17
68,811	13,900	1,650	49,777	3,484	----------	----------	56,192	48,260	4,157	3,775	----------	145,826	89,634	18
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	19
186,516	21,383	22,557	132,921	9,655	----------	----------	211,397	203,846	3,150	4,401	----------	442,191	230,794	20
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	21
470,896	91,830	38,122	265,887	73,588	----------	1,469	1,246,309	1,190,898	33,757	21,654	----------	2,090,787	844,478	22
159,357	----------	26,740	128,417	4,200	----------	----------	411,501	402,650	296	2,180	6,375	737,364	325,863	23
2,206,102	116,861	219,875	1,520,736	267,933	34,745	45,952	3,903,716	3,747,207	130,711	25,798	----------	9,674,829	5,771,113	24
10,518	----------	----------	10,518	----------	----------	----------	12,087	11,645	35	407	----------	30,462	18,375	25
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	26
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	27
1,648,498	206,400	170,709	1,173,781	97,608	----------	----------	1,178,150	823,029	3,482	31,193	320,446	3,940,809	2,762,659	28
1,027,942	140,141	157,246	640,263	90,292	----------	----------	751,059	675,148	7,018	24,309	44,584	2,258,290	1,507,231	29
2,181,085	216,014	439,866	1,019,161	506,044	----------	----------	2,064,593	1,519,287	6,630	23,551	515,125	6,508,275	4,443,682	30
323,980	65,963	117,103	23,025	117,889	----------	----------	359,332	133,456	637	1,217	224,022	1,004,607	645,275	31
393,008	8,949	47,180	304,709	32,170	----------	----------	1,462,593	1,440,966	11,059	10,508	60	2,068,031	605,438	32
14,494,078	197,147	1,038,535	11,004,953	1,808,300	100,228	344,915	21,759,787	20,698,771	638,715	422,301	----------	49,908,868	28,149,081	33
616,032	60,382	27,681	491,894	33,917	2,158	----------	374,563	81,837	256,474	35,928	324	1,344,613	970,050	34
130,176	----------	7,270	116,202	6,704	----------	----------	204,317	200,428	650	3,239	----------	403,603	199,286	35
225,243	20,935	43,967	106,967	53,374	----------	----------	452,884	443,915	4,699	3,251	1,019	847,168	394,284	36
200,263	19,590	23,734	140,072	16,867	----------	----------	283,038	270,628	3,074	7,877	1,459	725,763	442,725	37
4,458,960	408,785	284,222	2,993,373	715,854	45,767	10,959	9,173,075	8,955,151	117,901	100,023	----------	18,386,981	9,213,906	38
3,419,889	131,300	524,976	2,554,246	104,665	17,996	86,706	49,990,896	49,186,751	803,689	456	----------	59,941,226	9,950,330	39
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	40
339,366	52,761	51,844	214,759	20,002	----------	----------	777,760	768,786	1,695	4,126	3,153	1,333,033	555,273	41
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	42
4,949,605	269,879	503,649	3,804,995	344,222	26,147	713	9,618,805	9,161,157	189,115	67,373	201,160	17,519,787	7,900,982	43
408,395	45,608	52,170	299,614	9,521	1,482	----------	852,624	808,397	12,913	12,037	19,277	1,562,512	709,888	44
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	45
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	46
548,709	65,222	50,540	269,253	161,769	----------	1,925	479,282	429,448	14,503	6,564	28,767	1,482,549	1,003,267	47
2,951,055	102,135	424,674	2,235,781	188,465	----------	----------	4,197,051	3,726,317	337,594	133,140	----------	8,701,956	4,504,905	48
28,985	----------	----------	28,985	----------	----------	----------	315,389	306,691	5,357	3,341	----------	427,629	112,240	49
5,337,765	96,464	1,141,004	3,782,156	160,086	143,230	14,825	15,731,046	14,615,658	918,241	196,837	310	30,839,192	15,108,146	50
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	51
355,438	6,530	9,351	339,557	----------	----------	----------	69,533	59,899	1,851	7,783	----------	581,562	512,029	52
3,415,222	238,475	342,666	2,615,489	216,288	1,783	521	3,895,440	3,445,040	9,365	37,934	403,101	10,632,102	6,736,662	53
417,851	4,620	9,883	375,117	28,231	----------	----------	597,117	545,275	1,518	4,336	45,988	1,188,994	591,877	54
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	55
193,988	----------	11,140	178,584	4,264	----------	----------	186,430	177,804	2,780	5,846	----------	468,270	281,840	56
8,230,915	156,783	809,340	6,946,554	278,345	16,038	23,855	19,012,915	18,850,688	54,031	106,619	1,577	38,583,540	19,570,625	57
289,812	48,923	34,986	163,381	42,522	----------	----------	360,655	314,512	34,254	11,889	----------	914,198	553,543	58
1,524,864	215,134	261,253	574,355	474,122	----------	----------	2,715,679	2,655,284	31,945	28,450	----------	5,562,824	2,847,145	59
322,225	18,308	54,321	191,355	51,996	4,588	1,657	1,303,409	1,274,024	13,321	16,064	----------	1,924,310	620,901	60
642,747	12,400	24,247	604,160	1,940	----------	----------	44,982	33,308	3,067	7,455	1,152	786,805	741,823	61
1,436,156	52,397	103,061	1,216,866	57,909	----------	5,923	4,019,726	3,848,937	1,633	19,783	149,373	6,573,610	2,553,884	62
143,353	27,120	11,287	99,073	5,273	----------	600	256,955	226,924	17,259	12,772	----------	474,365	217,410	63

TABLE 9.—GENERAL STATISTICS FOR

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1]						
					Total [2]	Salaried officers of corporations [2]	Manufacturing		Distribution	Construction	Other
							Salaried employees [2]	Wage earners (average for year) [3]			
			PHILADELPHIA-CAMDEN INDUSTRIAL AREA—Continued								
1	16	Communication equipment	9	1	1,537	15	182	1,280	46	14	
2	9	Compressed and liquefied gases not made in petroleum refineries or in natural-gasoline plants	10		300	2	26	203	69		
3	13	Concrete products	44	28	580	26	50	397	100	6	1
4	17	Construction and similar machinery (except mining and oil-field machinery and tools)	7		264	13	44	185	21		1
5	7	Converted paper products not elsewhere classified	17	5	743	26	96	558	63		
6	6	Cooperage	10	5	204	7	10	182	5		
7	3	Cordage and twine	5	1	1,108	9	70	962	67		
8	4	Corsets and allied garments	6	6	149	3	5	120	21		
9	3	Cotton broad woven goods	48	16	2,819	52	170	2,533	57	7	
10	3	Cotton narrow fabrics	17	7	1,738	27	117	1,553	41		
11	3	Cotton yarn	8	11	294	2	25	254	8	5	
12	1	Creamery butter	16	13	36		3	29	4		
13	1	Cured fish [6]	5	5	79	1	6	62	10		
14	4	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	10	12	563	6	29	498	30		
15	14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	6	7	91	5	8	78			
16	20	Dental equipment and supplies	19	9	1,188	16	119	1,011	41	1	
17	7	Die-cut paper and paperboard, and converted cardboard	11	8	370	24	40	271	33	2	
18	9	Drugs and medicines (including drug grinding)	47	11	3,190	77	550	2,000	545	12	6
19	3	Dyeing and finishing cotton, rayon, silk, and linen textiles	37	12	3,954	65	377	3,378	107	3	24
20	16	Electrical appliances	5		379	11	36	326	6		
21	16	Electrical measuring instruments	3	2	51	4	8	35	4		
22	16	Electrical products not elsewhere classified	5		146	13	18	108	6	1	
23	15	Electroplating, plating, and polishing	19	21	257	12	24	197	11	8	5
24	8	Electrotyping and stereotyping, not done in printing establishments	9	3	472	9	50	391	22		
25	17	Elevators, escalators, and conveyors	14	5	1,460	17	104	850	350	83	56
26	4	Embroideries, other than Schiffli-machine products—contract factories	9	10	122		3	118	1		
27	4	Embroideries: Schiffli-machine products	6	6	89	5	5	74	5		
28	14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	21	7	1,604	24	172	1,307	95	6	
29	8	Engraving (steel, copperplate, and wood); plate printing	26	19	950	23	112	755	60		
30	20	Fabricated plastic products, not elsewhere classified	9	6	1,226	11	112	1,057	39	7	
31	14	Fabricated structural steel and ornamental metalwork, made in plants not operated in connection with rolling mills	44	21	2,451	45	152	2,194	60		
32	20	Feathers, plumes, and artificial flowers	8	7	328	5	18	288	17		
33	3	Felt goods, wool, hair, and jute (except woven felts and hat bodies and hats)	4	1	218	6	16	183	13		
34	9	Fertilizers	7	2	484	9	42	384	44	4	1
35	7	Fiber cans, tubes, and similar products	11	6	268	9	14	233	12		
36	14	Files	4		761	4	51	680	16	10	
37	3	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	8	5	341	11	20	279	31		
38	9	Fireworks	4	1	78	4	3	67	4		
39	1	Flavoring extracts and flavoring sirups, not elsewhere classified	21	10	265	22	39	108	96		
40	1	Flour and other grain-mill products	14	18	94	2	13	72	4		3
41	1	Food preparations, not elsewhere classified	32	25	290	26	27	188	47		2
42	17	Food-products machinery	17	6	350	20	35	261	34		
43	12	Footwear (except rubber)	24	19	2,478	32	182	2,196	67	1	
44	14	Forgings, iron and steel—made in plants not operated in connection with rolling mills	10	2	1,166	24	144	953	45		
45	4	Fur coats and other fur garments, accessories, and trimmings	27	31	119	3	6	78	32		
46	20	Furs, dressed and dyed	3	7	43		2	40	1		
47	14	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	3	1	275	5	12	246	10	2	
48	20	Games and toys (except dolls and children's vehicles)	17	18	361	7	30	298	26		
49	8	General commercial (job) printing	329	308	6,053	193	754	4,655	448	3	
50	16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	13	7	3,395	20	1,189	2,051	99		36
51	9	Glue and gelatin	8	3	364	15	51	230	44	21	3
52	15	Gold and silver leaf and foil	3	4	160		7	141	12		
53	14	Gray-iron and semisteel castings	25	7	1,049	34	65	936	13	1	
54	9	Grease and tallow (except lubricating greases)	11	9	426	14	34	314	58	6	
55	8	Greeting cards (except hand-painted) [6]	9	6	656	12	50	575	19		
56	20	Hand stamps, stencils, and brands	16	20	224	9	23	173	19		
57	14	Hardware not elsewhere classified	12	8	438	10	52	321	55		
58	14	Heating and cooking apparatus, except electric, not elsewhere classified	6	3	446	4	57	376	9		
59	3	Hosiery—full-fashioned	161	102	17,968	177	670	16,886	180	45	10
60	3	Hosiery—seamless	21	16	2,108	19	126	1,915	43	5	
61	4	House dresses, uniforms, and aprons—made in contract factories	23	26	927	2	16	907	1		1
62	4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	30	32	1,239	12	46	1,126	54		1
63	4	Housefurnishings (except curtains, draperies, and bedspreads)	27	19	735	27	52	613	41		2
64	6	Household furniture, except upholstered	45	32	1,515	41	90	1,326	51	6	1
65	1	Ice cream and ices	43	36	1,623	10	69	644	730	76	94

See footnotes at end of table.

INDUSTRIAL AREAS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
PHILADELPHIA-CAMDEN INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
1,847,442	115,905	312,820	1,296,695	102,132	19,890	-------	1,215,201	1,181,070	6,890	27,035	206	4,045,647	2,830,446	1
573,776	25,000	53,337	319,085	176,354	-------	-------	775,089	588,433	3,838	182,818	-------	2,810,350	2,035,261	2
801,935	102,089	81,642	444,609	163,639	9,853	103	2,426,825	2,348,620	32,746	42,983	2,476	4,675,117	2,248,292	3
378,109	58,465	67,140	216,483	35,656	-------	365	436,576	417,077	8,757	10,742	-------	1,161,094	724,518	4
943,013	178,182	118,127	491,379	155,325	-------	-------	1,892,443	1,861,618	11,326	19,499	-------	3,628,195	1,735,752	5
241,590	20,900	22,387	194,233	4,070	-------	-------	796,437	782,639	7,110	6,688	-------	1,216,993	420,556	6
1,235,306	172,803	120,511	801,555	140,437	-------	-------	1,846,576	1,764,202	28,822	53,552	-------	4,632,623	2,786,047	7
140,873	12,000	10,788	89,655	28,430	-------	-------	206,657	204,468	550	1,639	-------	523,738	317,081	8
3,667,010	375,235	313,252	2,780,045	185,738	12,740	-------	7,556,744	7,293,045	133,919	97,080	32,700	13,437,490	5,880,746	9
1,776,549	217,995	146,644	1,313,659	98,251	-------	-------	2,301,855	2,218,130	48,114	35,611	-------	5,022,946	2,721,091	10
296,685	7,220	48,137	213,331	27,997	-------	-------	1,230,031	1,210,324	1,868	17,839	-------	1,723,664	493,633	11
39,504	-------	5,335	28,169	6,000	-------	-------	312,221	297,700	6,874	7,647	-------	399,733	87,512	12
96,053	10,500	9,515	51,803	24,235	-------	-------	641,440	629,087	5,120	7,233	-------	820,127	178,687	13
(5)	(5)	(5)	(5)	(5)	-------	-------	(5)	(5)	-------	(5)	(5)	(5)	(5)	14
96,780	7,003	11,988	77,789	-------	-------	-------	61,998	51,685	7,329	2,984	-------	209,437	147,439	15
1,617,588	128,926	322,151	1,105,700	58,792	2,019	-------	778,377	741,894	19,881	16,602	-------	3,547,169	2,768,792	16
535,284	101,512	60,839	295,047	74,915	2,971	-------	845,707	819,185	23,000	3,522	-------	1,794,373	948,666	17
4,610,384	566,987	1,051,542	2,020,855	944,998	20,270	5,732	10,420,819	10,078,335	188,406	125,570	28,508	27,132,813	16,711,994	18
5,444,547	579,044	719,684	3,808,245	302,425	6,724	28,425	12,648,674	11,880,501	604,712	163,461	-------	21,686,923	9,038,249	19
540,411	35,801	81,617	405,289	17,704	-------	-------	917,272	898,667	5,318	13,287	-------	1,975,273	1,058,001	20
(5)	(5)	(5)	(5)	(5)	-------	-------	(5)	(5)	(5)	(5)	-------	(5)	(5)	21
215,920	67,420	36,675	102,685	8,495	645	-------	214,574	209,461	816	4,297	-------	565,733	351,159	22
283,097	35,365	32,260	186,194	13,499	3,638	12,141	137,912	106,972	10,551	17,565	2,824	576,124	438,212	23
1,077,119	77,920	113,543	830,077	55,579	-------	-------	312,049	255,355	20,292	31,558	4,844	1,950,149	1,638,100	24
2,763,623	92,245	221,412	1,567,808	592,695	208,572	80,891	2,285,330	2,158,612	20,948	36,831	68,939	6,567,940	4,282,610	25
104,332	-------	3,748	98,764	1,820	-------	-------	38,681	30,524	189	1,747	6,221	202,978	164,297	26
75,427	6,737	6,398	56,032	6,260	-------	-------	74,949	71,497	1,544	1,651	257	204,733	129,784	27
2,545,216	111,814	352,744	1,844,591	226,111	9,956	-------	4,077,174	3,675,985	115,729	125,593	159,867	8,608,399	4,531,225	28
(5)	(5)	(5)	(5)	(5)	-------	-------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	29
1,757,975	81,027	221,410	1,326,360	116,704	12,474	-------	2,284,138	2,005,264	170,167	104,507	4,200	5,940,805	3,656,667	30
3,774,778	216,307	330,135	3,152,567	75,769	-------	-------	11,664,194	11,183,528	50,605	107,143	322,918	16,686,768	5,022,574	31
291,697	51,691	22,734	197,578	19,694	-------	-------	339,846	328,619	6,834	4,393	-------	873,540	533,694	32
(5)	(5)	(5)	(5)	(5)	-------	-------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	33
622,610	37,958	80,847	372,114	118,352	9,701	3,638	2,355,047	2,312,848	27,846	14,353	-------	3,045,194	690,147	34
315,969	22,136	37,290	232,233	24,310	-------	-------	621,651	605,217	7,023	9,411	-------	1,441,846	820,195	35
1,076,063	20,220	164,973	825,874	52,256	12,740	-------	544,060	446,630	79,797	17,633	-------	2,453,209	1,909,149	36
(5)	(5)	(5)	(5)	(5)	-------	-------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	37
62,713	7,600	3,969	46,624	4,520	-------	-------	70,613	67,706	1,597	1,310	-------	160,930	90,317	38
478,187	119,241	71,796	120,179	166,971	-------	-------	997,193	974,192	13,084	9,534	383	4,017,601	3,020,408	39
80,711	3,968	17,084	53,819	4,330	-------	1,510	525,729	515,019	8,870	1,846	-------	684,732	159,003	40
351,173	88,266	33,726	167,252	59,144	-------	2,785	1,547,830	1,512,550	24,042	11,238	-------	2,315,208	767,378	41
445,345	58,256	54,521	293,423	39,145	-------	-------	494,864	467,993	16,872	7,773	2,226	1,262,472	767,608	42
2,544,686	142,430	272,467	1,966,477	161,912	1,400	-------	3,223,710	3,178,177	17,181	28,352	-------	6,905,096	3,681,386	43
2,244,487	289,934	371,424	1,436,554	146,575	-------	-------	3,031,159	2,645,154	322,416	55,789	7,800	7,236,172	4,205,013	44
221,313	22,400	3,422	158,598	36,893	-------	-------	446,377	425,240	1,463	6,010	13,664	882,950	436,573	45
(5)	-------	(5)	(5)	(5)	-------	-------	(5)	(5)	(5)	(5)	-------	(5)	(5)	46
(5)	(5)	(5)	(5)	(5)	(5)	-------	(5)	(5)	(5)	(5)	-------	(5)	(5)	47
321,511	27,174	41,017	185,449	67,871	-------	-------	698,982	688,268	2,318	8,396	-------	1,262,758	563,776	48
9,041,335	894,519	1,149,216	6,109,403	880,397	7,800	-------	7,482,309	6,515,008	88,228	191,419	687,654	21,789,066	14,306,757	49
(5)	(5)	(5)	(5)	(5)	-------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	50
676,344	123,512	103,103	281,482	132,443	32,750	3,054	1,316,832	1,167,693	142,217	6,922	-------	2,606,951	1,290,119	51
(5)	-------	(5)	(5)	(5)	-------	-------	(5)	(5)	(5)	(5)	-------	(5)	(5)	52
1,413,813	136,912	107,133	1,145,643	22,795	1,330	-------	930,273	808,841	77,778	42,669	985	2,576,541	1,646,268	53
621,759	68,494	69,114	372,685	102,491	8,975	-------	2,653,845	2,552,428	69,571	31,846	-------	4,013,913	1,360,068	54
707,009	108,625	76,671	438,711	83,002	-------	-------	704,389	588,890	225	7,517	107,757	1,769,775	1,065,386	55
253,961	25,628	34,704	172,336	21,293	-------	-------	162,975	148,264	5,284	5,977	3,450	585,955	422,980	56
750,522	103,578	93,028	457,344	96,572	-------	-------	1,004,261	906,523	16,429	15,644	65,665	2,190,206	1,185,945	57
(5)	(5)	(5)	(5)	(5)	-------	-------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	58
21,116,918	968,668	1,306,336	18,452,759	315,522	61,435	12,198	21,230,406	19,169,969	252,524	344,768	1,463,145	49,656,284	28,425,878	59
1,822,275	131,445	179,944	1,432,810	74,185	3,891	-------	2,285,571	2,002,531	34,602	27,425	221,013	4,895,379	2,609,808	60
489,328	4,000	19,222	465,390	60	-------	656	32,239	16,446	2,257	11,716	1,820	648,295	616,056	61
945,004	43,816	62,278	767,056	71,354	-------	500	2,708,276	2,491,843	899	16,175	199,359	4,425,624	1,717,348	62
641,013	129,270	65,838	408,669	36,188	-------	1,048	2,156,233	2,130,393	8,824	13,701	3,315	3,291,461	1,135,228	63
1,691,747	216,230	175,328	1,207,941	76,908	14,820	520	3,535,173	3,458,491	21,669	44,981	10,032	6,211,137	2,675,964	64
2,670,284	48,346	138,538	776,266	1,444,161	127,093	135,880	7,639,234	7,427,379	68,246	143,609	-------	17,226,305	9,587,071	65

TABLE 9.—GENERAL STATISTICS FOR

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
		PHILADELPHIA-CAMDEN INDUSTRIAL AREA—Continued									
1	1	Ice, manufactured	81	14	723	56	100	466	93	1	7
2	12	Industrial leather belting and packing leather	18	17	321	7	42	245	27	...	...
3	17	Industrial machinery, not elsewhere classified	27	6	1,679	41	405	1,158	75	...	...
4	9	Insecticides, fungicides, and related industrial and household chemical compounds	33	22	442	23	74	220	125	...	...
5	15	Jewelry (precious metals)	33	33	313	7	42	229	33	...	2
6	3	Knitted cloth	16	8	1,365	27	140	1,184	14	...	...
7	3	Knitted outerwear (except knit gloves)—contract factories	5	4	65	1	3	61	...	...	...
8	3	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	59	51	3,635	69	201	3,235	117	3	10
9	3	Knitted underwear	16	9	2,289	27	112	2,138	12	...	...
10	6	Laboratory, hospital, and other professional furniture	6	6	37	...	6	26	5	...	...
11	20	Lamp shades [b]	16	10	512	10	22	457	23	...	...
12	15	Lapidary work	7	9	14	...	...	14	...	...	...
13	12	Leather goods not elsewhere classified	5	8	51	...	1	50	...	...	...
14	12	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors [a]	25	2	5,308	53	254	4,908	61	32	...
15	15	Lighting fixtures	36	31	1,141	27	68	940	101	...	5
16	13	Lime	7	2	418	8	25	367	7	...	11
17	3	Linoleum, asphalted-felt-base and other hard-surface floor coverings, not elsewhere classified	4	...	1,447	3	111	1,323	8	2	...
18	1	Liquors, distilled	4	...	156	...	27	128	1	...	...
19	8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	30	22	1,599	49	189	1,201	154	6	...
20	9	Lubricating oils and greases—not made in petroleum refineries	15	2	666	23	165	364	95	15	4
21	1	Macaroni, spaghetti, vermicelli, and noodles	5	1	392	11	21	326	34	...	...
22	8	Machine and hand typesetting (including advertisement typesetting)	28	24	799	24	115	618	42	...	...
23	17	Machine-shop products, not elsewhere classified	90	52	2,747	101	365	1,993	249	37	2
24	17	Machine-shop repairs	36	46	216	10	20	178	6	...	2
25	17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	22	24	397	11	40	327	16	...	3
26	17	Machine tools	7	2	628	12	125	459	32	...	...
27	1	Malt liquors	16	3	1,644	40	136	851	588	24	5
28	6	Mattresses and bedsprings	30	30	402	16	30	300	56	...	...
29	17	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	5	...	1,202	9	139	1,005	40	2	7
30	1	Meat packing, wholesale	50	40	3,241	50	203	2,126	782	35	45
31	17	Mechanical power-transmission equipment	19	9	3,073	40	440	2,279	253	...	61
32	4	Men's and boys' hats and caps (except felt and straw)	17	18	328	13	15	290	8	...	2
33	4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in contract factories	9	6	734	4	11	716	3	...	...
34	4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	32	23	2,922	28	134	2,628	121	5	6
35	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	111	138	7,627	28	169	7,417	8	1	4
36	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	141	141	10,752	121	595	9,356	646	2	32
37	4	Men's and boys' underwear—made in inside factories or by jobbers engaging contractors	6	3	287	3	13	269	2	...	...
38	4	Men's neckwear—made in inside factories or by jobbers engaging contractors	21	21	516	14	27	427	47	...	1
39	17	Metalworking machinery and equipment, not elsewhere classified	3	...	152	10	15	112	14	...	1
40	4	Millinery	14	14	554	14	22	486	32	...	...
41	13	Minerals and earths, ground or otherwise treated	6	...	151	3	14	130	3	1	...
42	13	Mirrors and other glass products made of purchased glass	29	26	537	11	47	458	21	...	...
43	20	Miscellaneous fabricated products not elsewhere classified	14	12	357	9	18	319	11	...	...
44	4	Miscellaneous fabricated textile products not elsewhere classified	18	15	530	22	39	444	25	...	...
45	20	Models and patterns (except paper patterns)	18	25	132	6	10	113	3	...	...
46	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	33	38	179	10	24	122	23	...	...
47	18	Motor vehicles, motor-vehicle bodies, parts and accessories	33	25	10,349	57	969	9,128	195	...	...
48	20	Needles, pins, hooks and eyes, and slide and snap fasteners	4	1	534	8	21	466	35	4	...
49	8	Newspapers: publishing and printing	87	55	7,193	75	1,789	3,445	1,884	...	...
50	8	Newspapers: publishing without printing	27	16	142	9	98	25	10	...	...
51	1	Nonalcoholic beverages	80	68	1,049	37	66	441	494	2	9
52	13	Nonclay refractories	3	...	472	5	60	406	1	...	...
53	15	Nonferrous-metal foundries (except aluminum)	24	21	379	21	28	310	18	...	2
54	15	Nonferrous-metal products not elsewhere classified	17	12	1,030	13	115	883	10	9	...
55	17	Office and store machines not elsewhere classified	3	1	35	2	5	25	3	...	...
56	6	Office furniture	5	4	278	9	23	227	19	...	...
57	14	Oil burners, domestic and industrial	5	1	145	13	16	41	74	...	1
58	10	Oven coke and coke-oven byproducts	3	...	1,167	4	107	927	108	...	21
59	9	Paints, varnishes, and lacquers	68	37	2,511	84	445	1,507	465	...	10
60	7	Paper and paperboard mills	28	3	6,574	52	728	5,254	426	91	23

See footnotes at end of table.

INDUSTRIAL AREAS, BY INDUSTRIES: 1939—Continued

Salaries and wages: Total [2]	Salaries of officers of corporations [2]	Manufacturing: Salaries [2]	Manufacturing: Wages	Distribution	Construction	Other	Cost of materials, supplies, fuel, purchased electric energy, and contract work: Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
PHILADELPHIA-CAMDEN INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
1,139,319	218,951	181,335	606,856	123,039	1,213	7,925	735,144	125,527	56,086	553,531	----------	3,786,703	3,051,559	1
474,471	32,080	83,960	301,596	56,835	----------	----------	1,440,158	1,419,095	8,764	12,199	100	2,663,491	1,223,333	2
2,981,852	215,265	752,506	1,805,080	209,001	----------	----------	3,154,214	2,959,604	52,980	37,076	104,554	8,283,673	5,129,459	3
680,242	101,524	125,574	229,212	223,411	521	----------	1,218,363	1,165,730	35,321	17,164	148	3,227,637	2,009,274	4
445,518	46,525	64,949	262,678	70,230	----------	1,136	688,574	663,822	1,192	6,081	17,479	1,428,144	739,570	5
2,159,752	339,460	334,132	1,441,543	44,617	----------	----------	5,200,636	5,011,904	124,591	42,472	21,669	8,808,087	3,607,451	6
56,733	4,065	2,521	50,147	----------	----------	----------	1,402	100	60	1,096	146	77,896	76,494	7
3,888,776	305,996	342,887	2,970,273	254,324	3,338	11,958	9,620,813	9,287,461	13,394	60,510	259,448	17,318,616	7,697,803	8
1,967,418	190,872	223,383	1,525,363	27,800	----------	----------	3,483,499	3,324,861	27,854	32,653	98,131	6,064,610	2,581,111	9
(5)	----------	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	10
321,328	29,230	25,225	248,785	18,088	----------	----------	633,213	622,012	143	3,818	7,240	1,172,893	539,680	11
20,879	----------	----------	20,879	----------	----------	----------	130,703	130,099	9	595	----------	213,038	82,335	12
33,943	----------	3,000	30,943	----------	----------	----------	21,378	20,885	----------	493	----------	80,119	58,741	13
7,367,681	525,626	521,582	6,141,070	135,959	43,444	----------	19,212,743	18,091,606	347,269	76,787	697,081	31,064,754	11,852,011	14
1,290,246	130,178	109,132	920,489	123,681	----------	6,766	2,616,706	2,566,680	15,127	27,199	7,700	5,044,359	2,427,653	15
545,416	43,582	50,976	412,320	22,500	----------	16,038	353,325	153,083	136,394	63,848	----------	1,352,483	999,158	16
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	17
(5)	----------	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	18
2,785,745	344,134	346,259	1,638,059	441,394	15,899	----------	2,521,460	1,973,164	23,986	45,083	479,227	6,078,727	3,557,267	19
1,260,169	137,886	302,950	535,841	257,665	23,256	2,571	5,424,299	5,308,284	85,284	30,731	----------	8,867,436	3,443,137	20
415,131	78,475	26,489	243,345	66,822	----------	----------	1,292,507	1,248,411	11,493	32,603	----------	2,087,514	795,007	21
1,390,548	100,241	191,241	1,026,150	72,916	----------	----------	205,066	158,029	9,589	22,507	14,941	2,043,159	1,838,093	22
4,097,183	524,515	598,972	2,386,370	560,823	24,703	1,800	4,597,088	4,251,718	113,235	118,496	113,639	11,628,374	7,031,286	23
311,938	39,963	38,891	222,841	8,565	----------	1,678	240,549	224,502	7,251	8,613	183	756,496	515,947	24
674,906	44,280	82,185	529,132	15,932	----------	3,377	361,279	298,245	6,969	17,778	38,287	1,409,413	1,048,134	25
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	26
3,898,525	617,872	343,566	1,563,303	1,273,783	57,022	42,979	6,207,093	5,859,203	221,053	126,837	----------	19,210,131	13,003,038	27
470,067	49,359	41,423	319,317	59,968	----------	----------	1,320,942	1,285,518	4,974	12,850	17,600	2,246,141	925,199	28
1,569,466	59,305	252,885	1,173,286	70,032	2,054	11,904	1,398,243	1,352,362	18,577	27,004	300	4,148,429	2,750,186	29
5,137,829	404,708	358,056	2,756,881	1,482,855	57,381	77,948	35,474,972	35,140,168	169,232	138,757	26,815	43,944,396	8,469,424	30
5,399,191	400,267	969,313	3,403,276	544,440	----------	81,895	4,249,242	3,971,884	70,238	135,837	71,283	15,398,868	11,149,626	31
291,394	57,786	18,459	206,920	6,969	----------	1,260	334,981	329,847	1,304	3,330	500	774,128	439,147	32
455,546	21,555	12,259	418,999	2,733	----------	----------	58,541	51,236	1,077	5,281	947	587,912	529,371	33
2,755,095	187,504	217,370	1,995,877	342,696	6,510	5,138	5,569,928	4,876,611	13,329	28,129	651,859	9,295,205	3,725,277	34
7,236,505	103,655	249,187	6,870,789	8,227	1,040	3,607	727,687	368,717	27,402	76,179	255,389	9,302,877	8,575,190	35
13,778,851	862,707	1,057,001	10,481,163	1,339,691	10,702	27,587	41,660,198	33,200,778	53,834	106,686	8,298,900	62,592,395	20,932,197	36
256,634	33,020	21,872	197,727	4,015	----------	----------	1,325,626	983,227	6,011	3,190	333,198	1,806,528	480,902	37
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	38
265,391	67,000	30,864	148,039	19,029	----------	459	126,130	113,153	7,044	5,933	----------	529,736	403,606	39
609,779	63,198	20,273	469,251	57,057	----------	----------	983,557	958,537	4,286	6,654	14,080	1,827,568	844,011	40
225,883	13,510	35,010	168,047	6,516	2,800	----------	1,506,531	1,437,915	25,025	43,591	----------	2,327,368	820,837	41
671,939	34,848	94,130	502,979	39,982	----------	----------	900,205	861,635	15,685	18,633	4,252	1,946,479	1,046,274	42
321,756	22,723	28,749	254,479	15,805	----------	----------	355,165	345,833	2,131	6,170	1,031	978,396	623,231	43
426,894	72,006	53,133	261,528	40,227	----------	----------	877,910	866,159	5,123	6,628	----------	1,532,225	654,315	44
207,403	18,339	12,110	173,948	3,006	----------	----------	86,678	80,137	1,692	4,849	----------	436,200	349,522	45
245,336	16,435	37,834	153,411	37,656	----------	----------	267,123	241,150	5,576	19,717	680	746,004	478,881	46
16,627,466	372,330	1,962,274	13,765,997	526,865	----------	----------	44,582,506	43,917,071	274,765	388,762	1,908	67,955,801	23,373,295	47
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	48
14,111,396	521,202	3,859,004	6,092,319	3,638,871	----------	----------	10,078,078	9,743,859	91,457	215,231	27,531	35,853,715	25,775,637	49
170,419	19,490	94,535	44,969	11,425	----------	----------	297,183	17,610	950	1,833	276,790	649,605	352,422	50
1,611,049	180,051	101,340	489,107	823,901	4,205	12,445	3,153,147	3,069,005	32,243	51,899	----------	7,605,116	4,451,969	51
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	52
556,450	107,277	48,720	364,895	34,557	----------	1,001	975,781	878,715	54,831	16,478	25,757	1,800,489	824,708	53
2,057,967	142,945	268,733	1,618,823	17,110	10,356	----------	1,924,830	1,746,990	63,706	71,367	42,767	4,818,733	2,893,903	54
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	55
437,102	82,213	43,686	281,547	29,656	----------	----------	377,273	360,397	5,729	8,182	2,965	1,122,908	745,635	56
248,435	53,735	24,727	56,205	113,360	----------	408	264,451	257,637	3,489	3,325	----------	640,976	376,525	57
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	58
4,458,915	494,392	871,558	2,379,802	702,822	----------	10,341	18,197,540	17,935,274	137,134	115,066	10,066	30,361,157	12,163,617	59
11,068,876	483,105	1,738,494	7,484,112	1,208,984	120,177	34,004	25,877,531	22,963,868	2,206,082	707,581	----------	53,556,166	27,678,635	60

TABLE 9.—GENERAL STATISTICS FOR

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
			PHILADELPHIA-CAMDEN INDUSTRIAL AREA—Continued								
1	7	Paperboard containers and boxes not elsewhere classified	78	49	4,413	98	281	3,788	239	7	...
2	6	Partitions, shelving, cabinet work, and office and store fixtures	37	24	886	36	78	690	78	...	4
3	10	Paving blocks and paving mixtures, asphalt, creosoted wood, and composition	7	...	126	1	17	105	3	...	...
4	20	Pens, mechanical pencils, and pen points	4	...	775	12	63	619	81	...	...
5	9	Perfumes, cosmetics, and other toilet preparations	13	10	204	13	25	148	10	3	5
6	8	Periodicals, publishing and printing	27	12	4,421	33	1,222	2,945	221	...	...
7	8	Periodicals, publishing without printing	52	13	696	36	327	21	312	...	...
8	10	Petroleum refining	6	...	9,519	...	1,189	7,156	128	951	95
9	8	Photoengraving, not done in printing establishments (including preparation of plates)	23	27	671	40	70	475	84	...	2
10	1	Pickled fruits and vegetables, and vegetable sauces and seasonings	15	16	323	6	38	229	46	1	3
11	5	Planing mills not operated in conjunction with sawmills	64	57	1,355	62	154	954	165	...	20
12	13	Pottery products not elsewhere classified	4	4	53	3	5	41	4	...	...
13	1	Poultry dressing and packing, wholesale	7	7	288	14	13	249	10	...	2
14	14	Power boilers and associated products	15	1	1,386	40	148	1,104	94	...	...
15	1	Prepared feeds (including mineral) for animals and fowls	20	24	296	15	42	193	43	...	3
16	9	Printing ink	15	8	488	11	106	330	40	1	...
17	17	Printing-trades machinery and equipment	9	8	644	11	101	407	125	...	...
18	3	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors °	19	15	642	27	46	502	67	...	...
19	20	Professional and scientific instruments (except surgical and dental)	19	11	1,954	33	514	1,079	313	15	...
20	17	Pumping equipment and air compressors	9	6	280	11	27	183	58	1	...
21	4	Raincoats and other waterproof garments (except oiled cotton)	3	3	91	3	11	77	...	...	...
22	3	Rayon broad woven goods—regular factories or jobbers engaging contractors	4	2	154	6	23	123	...	...	2
23	3	Rayon narrow fabrics	11	9	636	6	37	575	18	...	...
24	3	Rayon throwing and spinning—contract factories	3	2	20	2	1	17	...	...	...
25	3	Rayon yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	7	3	1,055	13	60	971	11	...	...
26	17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	16	30	254	6	24	181	43	...	...
27	4	Robes, lounging garments, and dressing gowns	7	7	263	1	16	246	...	...	...
28	10	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	3	1	292	1	22	232	29	8	...
29	11	Rubber products not elsewhere classified	18	9	1,882	26	234	1,477	145	...	...
30	1	Salad dressings	7	6	114	2	12	88	12	...	...
31	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	30	24	956	22	82	641	207	4	...
32	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	8	8	55	...	6	49	...	...	...
33	14	Screw-machine products and wood screws	11	12	591	6	52	475	56	2	...
34	15	Sheet-metal work not specifically classified	49	33	854	40	81	658	68	...	7
35	19	Shipbuilding and ship repairing	14	1	11,446	36	1,147	10,173	11	79	...
36	20	Signs, advertising displays, and advertising novelties	45	44	551	19	39	436	57	...	...
37	3	Silk narrow fabrics	7	5	359	3	17	339	...	...	...
38	3	Silk throwing and spinning—contract factories	4	1	507	3	24	480	...	...	...
39	3	Silk yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	6	3	828	8	49	756	15	...	...
40	9	Soap and glycerin	18	9	1,302	20	109	894	279	...	...
41	17	Special-industry machinery, not elsewhere classified	7	3	271	9	43	215	4	...	...
42	20	Sporting and athletic goods not elsewhere classified	9	10	319	4	32	271	12	...	...
43	14	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	3	1	206	6	18	176	6	...	...
44	14	Stamped and pressed metal products (except automobile stampings)	14	12	894	8	157	701	28	...	...
45	13	Statuary and art goods (except stone and concrete)—factory production	8	5	83	...	7	75	1	...	...
46	14	Steam and hot-water heating apparatus (including hot-water furnaces)	7	2	236	9	28	197	2	...	...
47	13	Steam and other packing; pipe and boiler covering	18	5	1,687	35	161	1,277	202	4	8
48	14	Steam fittings, regardless of material	9	2	701	22	76	454	149	...	...
49	14	Steel castings	5	...	1,734	15	273	1,376	51	13	6
50	14	Steel works and rolling mills	10	...	10,815	28	954	9,688	129	16	...
51	14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	11	8	1,464	15	173	1,149	119	...	8
52	12	Suitcases, brief cases, bags, trunks, and other luggage	27	28	811	18	54	687	52	...	...
53	20	Surgical and medical instruments	5	5	219	8	6	161	44	...	...
54	20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	18	10	533	24	71	406	32	...	...
55	9	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	19	4	422	27	78	254	62	...	1
56	17	Textile machinery	32	11	2,840	50	304	2,362	114	1	9
57	14	Tin cans and other tinware not elsewhere classified	12	7	2,206	9	190	1,751	170	84	2
58	2	Tobacco (chewing and smoking) and snuff	6	3	61	4	3	48	6	...	...
59	14	Tools (except edge tools, machine tools, files, and saws)	10	3	530	11	60	435	24	...	...
60	4	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories °	11	12	117	...	2	113	2	...	...

See footnotes at end of table.

INDUSTRIAL AREAS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [3]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [3]	Wages											
PHILADELPHIA-CAMDEN INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
5,022,459	536,838	456,296	3,549,170	468,968	11,187	----------	10,014,771	9,672,382	77,105	117,301	147,983	19,925,508	9,910,737	1
1,374,009	155,999	116,235	971,678	126,632	----------	3,465	1,309,929	1,256,962	14,420	24,451	14,096	3,258,167	1,948,238	2
148,815	5,712	30,564	106,939	5,600	----------	----------	587,555	542,851	30,328	14,376	----------	856,699	269,144	3
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	4
230,307	51,921	30,096	124,327	12,806	4,710	6,447	709,188	702,540	4,178	2,470	----------	1,206,111	496,923	5
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	6
1,140,831	186,602	548,301	22,380	383,548	----------	----------	3,647,572	1,024,461	444	2,952	2,619,715	7,796,004	4,148,432	7
19,333,289	----------	3,327,686	13,236,115	212,156	2,409,633	147,699	152,057,746	143,294,457	7,310,395	1,452,894	----------	198,262,100	46,204,354	8
1,725,637	185,608	129,900	1,235,994	172,477	----------	1,658	342,111	223,557	3,267	21,627	93,660	2,683,041	2,340,930	9
366,477	21,635	63,905	210,491	67,212	1,065	2,169	1,580,410	1,559,972	6,060	14,378	----------	2,473,497	893,087	10
1,904,418	224,708	238,466	1,134,438	283,048	----------	23,758	2,694,494	2,541,665	51,533	45,056	56,240	5,643,598	2,949,104	11
98,174	28,100	10,900	48,099	11,075	----------	----------	22,051	11,170	7,658	2,944	279	179,350	157,299	12
281,384	51,236	16,509	190,548	21,280	----------	1,811	2,022,567	2,011,037	2,973	8,557	----------	2,503,745	481,178	13
2,297,499	240,982	262,606	1,640,591	153,320	----------	----------	4,433,243	4,302,750	27,222	84,485	18,786	8,353,119	3,919,876	14
372,877	53,776	57,341	180,066	78,342	----------	3,352	4,423,047	4,384,838	4,448	33,761	----------	5,503,557	1,080,510	15
907,003	121,114	233,185	434,341	116,363	2,000	----------	2,759,979	2,695,424	20,351	44,204	----------	4,329,868	1,569,889	16
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	17
792,438	167,178	72,867	462,060	90,333	----------	----------	3,866,154	3,779,928	24,104	46,320	15,802	5,567,389	1,701,235	18
3,560,946	236,960	989,706	1,583,896	722,641	27,743	----------	3,035,245	2,877,681	16,613	41,977	98,974	9,519,498	6,484,253	19
451,257	53,592	58,257	233,756	104,241	1,411	----------	290,609	275,741	7,108	7,760	----------	1,332,269	1,041,660	20
(5)	(5)	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	21
202,173	34,612	32,968	131,993	----------	----------	2,600	478,170	468,807	5,444	3,919	----------	890,484	412,314	22
615,895	41,619	60,814	483,177	30,285	----------	----------	672,239	638,096	19,980	14,024	139	1,788,980	1,116,741	23
20,575	6,944	702	12,929	----------	----------	----------	24,087	23,476	----------	611	----------	46,569	22,482	24
980,952	120,670	92,686	724,060	43,536	----------	----------	2,860,726	2,790,620	19,990	47,702	2,414	4,080,419	1,219,693	25
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	26
164,097	4,572	20,515	139,010	----------	----------	----------	648,812	569,947	----------	2,516	76,349	916,590	267,778	27
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	28
2,389,469	168,599	274,059	1,707,137	239,674	----------	----------	3,374,335	3,172,503	96,933	103,247	1,652	7,731,031	4,356,696	29
123,181	13,000	16,828	74,622	18,731	----------	----------	528,014	522,891	1,477	3,646	----------	755,021	227,007	30
1,431,042	103,488	159,560	784,936	376,002	7,056	----------	12,431,987	12,332,680	42,122	57,185	----------	15,369,102	2,937,115	31
38,699	----------	7,544	31,155	----------	----------	----------	30,994	28,844	950	1,200	----------	90,961	59,967	32
1,015,735	94,252	161,910	617,159	139,742	2,672	----------	712,284	653,900	16,138	25,946	16,300	2,643,731	1,931,447	33
1,320,496	177,179	137,080	883,601	112,876	----------	9,760	2,264,942	2,203,190	14,466	26,577	20,709	4,359,880	2,094,938	34
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	35
679,202	56,355	53,032	479,703	90,112	----------	----------	864,151	802,377	7,073	11,916	42,785	2,092,629	1,228,478	36
366,767	19,161	35,501	312,105	----------	----------	----------	652,818	583,217	11,261	12,420	45,920	1,262,358	609,540	37
340,653	31,080	41,670	267,903	----------	----------	----------	134,902	107,321	3,334	24,247	----------	588,271	453,369	38
853,172	143,176	82,818	586,255	40,923	----------	----------	3,725,368	3,601,281	19,148	30,229	74,710	5,286,243	1,560,875	39
1,803,865	228,026	218,523	1,045,816	311,500	----------	----------	8,563,582	8,379,469	153,445	30,668	----------	16,395,589	7,832,007	40
480,953	73,546	100,162	301,724	5,521	----------	----------	514,123	494,687	6,425	13,011	----------	1,479,435	965,312	41
363,769	20,600	45,744	283,742	13,683	----------	----------	418,226	406,018	3,022	4,300	4,886	1,002,296	584,070	42
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	43
1,037,164	33,288	248,098	710,321	45,457	----------	----------	1,833,075	1,774,947	22,278	35,750	100	3,389,732	1,556,657	44
76,346	----------	8,697	65,911	1,738	----------	----------	57,018	53,415	2,506	1,097	----------	169,581	112,563	45
322,882	46,072	46,213	228,522	2,075	----------	----------	676,226	653,554	2,099	20,573	----------	1,457,751	781,525	46
2,613,761	239,149	318,247	1,629,120	407,649	8,827	10,769	3,724,476	3,194,176	468,635	60,446	1,219	8,392,594	4,668,118	47
1,137,273	140,464	149,166	614,415	233,228	----------	----------	843,937	812,558	18,494	12,885	----------	3,198,805	2,354,868	48
2,851,007	96,357	545,025	2,060,068	136,232	6,942	6,383	1,733,073	1,402,922	161,383	166,406	2,362	6,223,759	4,490,686	49
17,508,278	386,135	2,075,829	14,566,931	447,306	32,077	----------	30,979,689	24,964,122	4,132,412	1,128,933	754,222	51,890,357	20,910,668	50
2,012,378	87,893	245,699	1,388,910	279,276	----------	10,600	2,515,167	2,340,806	98,591	75,770	----------	5,364,035	2,848,868	51
1,077,587	105,910	97,306	779,509	94,862	----------	----------	2,009,917	1,991,267	8,288	9,422	940	3,590,745	1,580,828	52
281,967	38,580	14,630	196,916	31,841	----------	----------	189,915	169,450	3,924	6,083	10,458	566,700	376,785	53
643,969	149,325	93,520	334,608	66,516	----------	----------	394,944	374,834	8,167	6,429	5,514	1,412,277	1,017,333	54
992,833	276,813	186,925	333,044	195,207	----------	844	2,392,004	2,318,917	49,979	23,108	----------	5,548,236	3,156,232	55
4,429,449	341,031	632,886	3,174,615	267,307	225	13,385	4,429,895	4,250,479	81,039	91,301	7,076	11,934,694	7,504,799	56
2,916,153	79,752	408,967	1,896,815	257,070	270,569	2,980	13,282,953	13,111,178	70,882	91,848	9,045	19,825,476	6,542,523	57
70,175	30,240	5,835	32,312	1,788	----------	----------	290,219	287,176	1,005	2,038	----------	338,297	48,078	58
679,914	49,600	91,019	487,298	51,997	----------	----------	417,148	361,544	23,112	32,192	300	1,562,855	1,145,707	59
119,673	----------	1,876	114,380	3,417	----------	----------	46,334	40,931	1,396	3,462	545	283,880	237,546	60

TABLE 9.—GENERAL STATISTICS FOR

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
		PHILADELPHIA-CAMDEN INDUSTRIAL AREA—Continued									
1	4	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	7	8	144	5	7	115	15	1	1
2	4	Trousers (semidress), wash suits, and washable service apparel	25	29	1,148	9	34	1,064	41	.....	.....
3	20	Umbrellas, parasols, and canes	5	1	272	11	27	230	4	.....	.....
4	6	Upholstered household furniture	51	55	999	34	46	864	55	.....	.....
5	9	Vegetable and animal oils, not elsewhere classified	4	2	63	6	3	32	20	.....	2
6	1	Vinegar and cider	4	1	81	3	9	65	4	.....	.....
7	7	Wallpaper	4	1	523	10	29	424	60	.....	.....
8	6	Window and door screens and weather strip	3	2	110	4	7	95	4	.....	.....
9	6	Window shades	5	4	78	.....	18	48	12	.....	.....
10	14	Wirework not elsewhere classified	31	28	768	26	67	642	30	3	.....
11	16	Wiring devices and supplies	5	.....	662	18	121	447	60	12	4
12	4	Women's and misses' blouses and waists—made in contract factories	23	28	919	4	17	893	4	.....	1
13	4	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors[4]	21	30	1,419	11	75	1,247	86	.....	.....
14	4	Women's and misses' clothing, not elsewhere classified—made in contract factories	7	8	125	.....	3	121	1	.....	.....
15	4	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	15	15	611	13	39	531	28	.....	.....
16	4	Women's and misses' dresses (except house dresses)—made in contract factories	30	42	1,082	1	17	1,060	3	.....	1
17	4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	58	68	3,747	39	156	3,367	181	.....	4
18	4	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics	6	4	230	5	9	198	18	.....	.....
19	4	Women's, children's, and infants' underwear and nightwear of knitted fabrics	4	3	145	5	10	122	7	.....	1
20	4	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	11	13	496	3	20	464	9	.....	.....
21	4	Women's neckwear, scarfs, etc.	3	4	48	2	2	43	1	.....	.....
22	12	Women's pocketbooks, handbags, and purses	10	6	1,151	9	49	1,048	45	.....	.....
23	6	Wooden boxes except cigar boxes	20	18	386	12	21	335	18	.....	.....
24	6	Wood products not elsewhere classified	9	9	63	6	6	46	5	.....	.....
25	17	Woodworking machinery	3	.....	34	5	2	27	.....	.....	.....
26	3	Woolen and worsted manufactures—contract factories	14	7	1,126	10	132	979	4	.....	1
27	3	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	75	37	11,604	123	712	10,584	172	9	4
28	4	Work clothing (except work shirts,) sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	43	42	1,895	27	81	1,734	51	2	.....
29	16	X-ray and therapeutic apparatus and electronic tubes	3	.....	21	4	4	12	1	.....	.....
30		Other industries [6]	607	339	91,320	729	11,773	72,394	5,576	555	293
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]									
31	1	Food and kindred products	46	9	6,539	56	565	5,611	277	23	7
32	3	Textile-mill products and other fiber manufactures	76	30	11,973	120	878	10,448	375	15	137
33	4	Apparel and other finished products made from fabrics and similar materials	72	72	2,627	45	163	2,194	220	1	4
34	6	Furniture and finished lumber products	28	20	892	20	98	661	105	5	3
35	7	Paper and allied products	20	10	1,731	31	145	1,399	139	17	.....
36	9	Chemicals and allied products	24	11	4,026	15	399	3,439	40	129	4
37	10	Products of petroleum and coal	6	1	1,459	5	129	1,159	137	8	21
38	12	Leather and leather products	10	7	593	10	56	490	37	.....	.....
39	13	Stone, clay, and glass products	29	7	2,983	35	246	2,449	251	2	.....
40	14	Iron and steel and their products, except machinery	41	13	5,389	60	523	4,675	126	4	1
41	15	Nonferrous metals and their products	23	23	1,248	16	138	986	56	31	21
42	16	Electrical machinery	33	12	19,657	76	3,478	13,483	2,308	220	92
43	17	Machinery (except electrical)	63	49	6,830	62	1,403	4,862	499	1	3
44	19	Transportation equipment except automobiles	22	1	14,963	52	1,773	12,942	109	87	.....
45	20	Miscellaneous industries	56	43	3,183	58	280	2,529	304	12	.....
46	8	Printing, publishing, and allied industries	53	31	5,371	56	1,334	3,700	281	.....	.....
	2	Tobacco manufactures	1	.....	1,856	12	165	1,367	312	.....	.....
	11	Rubber products	3								
	18	Automobiles and automobile equipment	1								

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of these figures are larger than the totals shown for "All industries."

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.
[2] Figures do not include data for personnel of central-administrative offices.
[3] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.
[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture

INDUSTRIAL AREAS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [3]	Manufacturing: Salaries [2]	Manufacturing: Wages	Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
PHILADELPHIA-CAMDEN INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	1
934,728	38,450	48,967	781,340	65,971	----------	----------	2,305,919	2,079,379	5,311	11,542	209,687	3,769,809	1,463,890	2
277,875	33,744	49,050	186,728	8,353	----------	----------	321,100	302,171	10,877	3,761	4,291	688,742	367,642	3
1,171,957	108,577	66,247	900,931	96,202	----------	----------	2,101,168	2,065,985	13,454	17,328	4,401	3,926,189	1,825,021	4
120,771	46,320	6,540	36,964	29,876	----------	1,071	485,556	469,549	11,151	4,856	----------	671,488	185,932	5
99,978	9,950	13,671	67,912	8,445	----------	----------	256,524	245,410	6,804	4,310	----------	393,708	137,184	6
788,246	51,990	71,866	518,991	145,399	----------	----------	1,258,321	1,214,473	28,090	13,915	1,843	2,487,517	1,229,196	7
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	8
79,889	----------	22,937	40,461	16,491	----------	----------	508,919	506,933	717	1,269	----------	709,088	200,169	9
971,084	158,637	117,717	623,112	66,049	5,569	----------	1,383,188	1,341,755	16,175	25,046	212	2,992,588	1,609,400	10
1,233,735	211,197	246,259	612,270	142,098	18,883	3,028	2,827,796	2,780,879	21,911	25,006	----------	4,591,048	1,763,252	11
601,720	6,663	15,924	576,569	1,800	----------	764	101,411	81,698	243	8,974	10,496	939,795	838,384	12
1,476,277	80,220	126,163	1,071,064	198,830	----------	----------	3,967,450	3,244,764	416	12,711	709,559	6,351,529	2,384,079	13
79,899	----------	2,986	76,287	626	----------	----------	9,973	7,604	557	1,787	25	116,505	106,532	14
616,756	49,193	57,840	448,657	61,066	----------	----------	1,394,377	1,225,317	1,015	8,013	160,032	2,551,782	1,157,405	15
754,640	986	24,954	725,324	2,652	----------	724	39,635	24,762	3,621	11,219	33	1,082,798	1,043,163	16
4,155,434	176,564	265,324	3,395,904	314,938	----------	2,704	9,348,307	8,154,470	3,560	40,989	1,149,288	17,477,985	8,129,678	17
181,784	29,063	11,460	127,194	14,067	----------	----------	480,102	391,673	851	2,786	84,792	768,084	287,982	18
137,482	21,010	14,363	91,498	9,987	----------	624	262,178	260,354	183	1,641	----------	499,691	237,513	19
357,265	8,084	29,182	309,890	10,109	----------	----------	1,015,405	1,011,186	207	4,012	----------	1,554,149	538,744	20
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	----------	(5)	(5)	(5)	(5)	21
952,718	48,280	79,455	773,196	51,787	----------	----------	1,650,977	1,638,969	1,020	7,178	3,810	3,039,937	1,388,960	22
434,586	60,180	43,814	304,740	25,852	----------	----------	824,023	803,504	8,725	11,594	200	1,502,395	678,372	23
86,555	20,686	12,201	47,635	6,033	----------	----------	76,070	68,631	2,861	4,578	----------	211,784	135,714	24
40,812	13,818	2,786	24,208	----------	----------	----------	39,066	34,498	1,174	2,834	560	124,465	85,399	25
1,534,326	112,674	265,590	1,140,054	14,778	----------	1,230	322,672	208,693	87,370	25,902	707	2,455,314	2,132,642	26
13,903,199	1,014,240	1,478,178	10,874,552	498,020	33,856	4,353	44,574,232	43,374,833	499,773	315,083	384,543	68,407,034	23,832,802	27
1,530,377	118,638	110,062	1,241,463	57,874	2,340	----------	3,147,836	3,033,664	6,707	21,952	85,513	5,280,983	2,133,147	28
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	29
145,028,520	5,968,168	25,961,419	98,260,367	13,594,177	985,702	258,687	298,211,192	287,098,773	6,976,605	3,169,137	966,677	578,304,267	280,093,075	30
8,649,656	644,530	1,520,092	5,863,221	571,705	41,096	9,012	39,765,849	39,035,074	463,101	264,881	2,793	71,892,855	32,127,006	31
15,490,531	857,972	1,808,459	11,870,636	866,644	32,563	54,257	25,138,882	23,831,480	894,852	277,149	135,401	53,174,804	28,035,922	32
2,666,006	209,712	221,825	1,791,011	435,548	1,163	6,747	8,012,259	7,905,272	13,241	40,581	53,165	12,466,549	4,454,290	33
1,283,638	77,349	161,748	802,223	229,946	7,807	4,565	2,100,547	2,003,174	68,668	28,705	----------	4,632,498	2,531,951	34
2,262,189	310,065	292,225	1,379,165	226,952	53,782	----------	4,692,022	4,616,654	20,821	48,388	6,159	9,117,139	4,425,117	35
6,180,554	79,684	1,025,641	4,841,172	66,396	162,261	5,400	18,666,493	17,758,143	643,394	264,885	71	33,238,234	14,571,741	36
2,393,237	42,963	283,850	1,779,812	250,780	8,538	27,294	11,479,162	10,526,117	757,922	195,123	----------	16,027,729	4,548,567	37
617,043	49,275	94,905	418,028	54,835	----------	----------	516,890	494,824	14,797	7,207	62	1,289,899	773,009	38
4,032,986	223,081	529,636	2,719,821	558,073	2,375	----------	7,409,649	6,571,301	557,697	280,500	151	16,699,093	9,289,444	39
7,844,819	553,087	947,117	6,091,169	336,504	6,442	500	14,129,457	12,129,018	1,532,668	212,630	255,141	28,550,740	14,421,283	40
1,609,069	155,145	250,967	1,049,580	87,140	47,689	18,548	4,768,743	4,597,285	103,844	59,489	8,125	7,245,205	2,476,462	41
33,733,507	855,580	7,697,942	18,325,142	6,292,989	432,016	129,838	50,664,873	49,752,943	494,196	406,670	11,064	109,730,828	59,065,955	42
12,517,011	471,069	3,055,592	7,686,578	1,300,078	1,168	2,526	12,018,172	11,513,572	277,676	175,448	51,476	30,955,744	18,937,572	43
28,324,613	401,240	4,363,886	22,978,974	411,411	169,102	----------	45,040,405	43,585,443	838,890	524,237	91,835	82,966,557	37,926,152	44
3,869,412	391,531	516,267	2,451,320	490,594	19,700	----------	7,471,396	7,280,771	113,342	57,197	20,086	14,877,215	7,405,819	45
13,554,249	645,885	3,191,267	8,302,515	1,414,582	----------	----------	46,336,393	45,497,702	181,496	326,047	331,148	85,439,178	39,102,785	46

[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[6] For numbers of establishments and of wage earners in individual industries, see table 12.

[a] and [b] To avoid disclosing exact or approximate data for individual establishments, the data for certain establishments located outside the areas have been included in the figures for the industries to which these footnotes are indexed. Data for these establishments are not, however, included in the totals for the areas.
[a] 1 establishment. [b] 2 establishments.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939

[This table presents, for each city in the State having 100,000 or more inhabitants, separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures are given, however, reported larger numbers of wage earners or larger values of products than some of those shown separately. No data for nonmanufacturing personnel, except salaried officers of corporations, are included in this table]

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
	CAMDEN											
	All industries, total	201	114	221	3,738	25,694	$2,106,022	$8,727,078	$33,482,194	$95,026,170	$190,574,262	$95,548,092
8	Bookbinding and related industries	4	1	6	13	303	(4)	(4)	(4)	(4)	(4)	(4)
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	24	34	1	15	206	6,000	20,177	252,377	582,775	1,306,110	723,335
2	Cigars	3	2	. .	77	1,824	. . .	(4)	(4)	(4)	(4)	(4)
9	Cleaning and polishing preparations, blackings, and dressings	4	. . . .	9	185	431	(4)	(4)	(4)	(4)	(4)	(4)
4	Coats, suits, and skirts (except fur coats)—made in contract factories	4	4	.	7	295	.	(4)	(4)	(4)	(4)	(4)
14	Fabricated structural steel and ornamental metalwork, made in plants not operated in connection with rolling mills	4	1	5	11	48	(4)	(4)	(4)	(4)	(4)	(4)
8	General commercial (job) printing	8	8	4	7	33	4,000	8,999	36,352	52,094	149,401	97,307
1	Ice, manufactured	3	.	4	5	16	16,990	6,186	22,845	34,014	210,887	176,873
8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	3	2	6	16	108	(4)	(4)	(4)	(4)	(4)	(4)
20	Models and patterns (except paper patterns)	3	5		.	10	. .	. . . . .	(4)	(4)	(4)	(4)
8	Newspapers: publishing and printing	3		5	116	118	(4)	(4)	(4)	(4)	(4)	(4)
1	Nonalcoholic beverages	6	7	1	2	15	1,300	3,839	12,970	98,109	215,017	116,908
9	Paints, varnishes, and lacquers	6	3	6	15	34	47,207	29,714	50,236	762,873	1,026,276	263,403
15	Sheet-metal work not specifically classified	5	2	8	7	71	34,466	12,643	96,882	174,659	377,688	203,029
19	Shipbuilding and ship repairing	6	. . . . .	17	893	4,351	(4)	(4)	(4)	(4)	(4)	(4)
9	Soap and glycerin	4	.	2	28	251	2,600	53,610	282,631	2,388,678	3,153,266	764,588
14	Tin cans and other tinware not elsewhere classified	3	. . .	.	24	419	. . . . .	(4)	(4)	(4)	(4)	(4)
14	Wirework not elsewhere classified	3	3	3	3	91	(4)	(4)	(4)	(4)	(4)	(4)
	Other industries [5]	145	60	195	3,659	25,068	1,993,459	8,591,910	32,727,901	90,932,968	184,135,617	93,202,649
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
3	Textile-mill products and other fiber manufactures	10	5	14	103	1,128	82,041	213,872	1,120,192	2,424,159	5,108,654	2,684,495
4	Apparel and other finished products made from fabrics and similar materials	15	12	7	34	990	42,120	66,245	1,031,995	1,784,433	3,453,321	1,668,888
8	Printing, publishing, and allied industries	18	11	24	217	867	191,843	409,024	1,300,438	1,100,337	4,566,728	3,466,391
9	Chemicals and allied products	18	3	23	269	1,009	195,211	458,673	1,211,633	4,761,350	9,652,637	4,891,287
14	Iron and steel and their products, except machinery	15	4	23	113	1,137	238,712	283,177	1,542,838	8,744,583	15,629,457	6,884,874
15	Nonferrous metals and their products	4	3	3	3	24	3,600	3,569	20,906	29,133	90,410	61,277
17	Machinery (except electrical)	10	5	11	50	285	144,163	72,615	486,274	816,567	2,125,666	1,309,099
20	Miscellaneous industries	8	7	10	57	556	81,668	100,221	538,291	749,549	2,168,654	1,419,105
1	Food and kindred products	11	5	21	338	3,316						
2	Tobacco manufactures	3	2	. . . .	77	1,824						
6	Furniture and finished lumber products	8	1	2	47	382						
7	Paper and allied products	4	. . . .	7	49	370						
12	Leather and leather products	5	. . . . .	8	40	1,033						
16	Electrical machinery	4	. . . . .	23	1,328	7,358	1,014,101	6,984,514	25,475,334	70,522,857	141,340,090	70,817,233
19	Transportation equipment except automobiles	6	. . . . .	17	893	4,351						
5	Lumber and timber basic products	2										
10	Products of petroleum and coal	1										
13	Stone, clay, and glass products	2	2	2	41	438						
18	Automobiles and automobile equipment	1										
	ELIZABETH											
	All industries, total	199	101	173	1,579	15,070	$1,134,444	$3,123,434	$18,467,843	$48,285,231	$89,175,929	$40,890,698
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	3	1	2	92	1,243	(4)	(4)	(4)	(4)	(4)	(4)
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	37	33	13	5	194	35,600	9,940	246,396	643,609	1,215,127	571,518
9	Chemicals not elsewhere classified	3	. . . . .	3	7	47	(4)	(4)	(4)	(4)	(4)	(4)
14	Fabricated structural steel and ornamental metalwork, made in plants not operated in connection with rolling mills	3	. . . . .	4	7	22	(4)	(4)	(4)	(4)	(4)	(4)
8	General commercial (job) printing	12	9	8	11	62	34,060	18,031	78,254	134,506	360,767	226,261

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
	ELIZABETH—Continued											
4	House dresses, uniforms, and aprons—made in contract factories	4	3	-------	3	124	-------	$1,310	$70,521	$7,325	$101,400	$94,075
9	Lubricating oils and greases—not made in petroleum refineries	3	-------	-------	16	61	-------	(4)	(4)	(4)	(4)	(4)
17	Machine-shop products, not elsewhere classified	7	-------	10	31	121	$36,216	65,536	170,185	473,716	929,769	456,053
17	Machine-tool and other metal working-machinery accessories, metal cutting and shaping tools, and machinists' precision tools	3	1	4	1	36	(4)	(4)	(4)	(4)	(4)	(4)
4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in contract factories	3	-------	2	13	464	7,255	25,914	279,650	40,308	419,183	378,875
4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	3	-------	2	18	716	13,000	40,100	411,821	806,515	1,464,084	657,569
4	Millinery	4	4	1	3	29	2,225	3,274	23,510	44,181	106,352	62,171
1	Nonalcoholic beverages	5	7	3	1	11	26,762	2,693	13,605	74,694	187,690	112,996
9	Paints, varnishes, and lacquers	3	-------	10	35	64	69,267	90,871	90,203	937,526	1,692,900	755,374
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	3	1	1	-------	7	(4)	(4)	(4)	(4)	(4)	(4)
4	Women's and misses' blouses and waists—made in contract factories	3	4	-------	1	94	-------	850	57,989	1,462	75,362	73,900
4	Women's and misses' dresses (except house dresses)—made in contract factories	5	3	2	3	276	5,720	1,784	194,568	10,904	255,656	244,752
4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	6	3	6	10	240	37,540	16,049	224,702	620,647	1,005,172	384,525
	Other industries [5]	107	35	116	1,445	12,678	866,799	2,847,082	16,606,439	44,489,838	81,362,467	36,872,629
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	13	2	17	23	345	63,121	48,529	367,291	1,207,378	3,005,977	1,798,599
3	Textile-mill products and other fiber manufactures	5	3	6	22	306	55,030	42,231	299,334	1,407,270	2,266,082	858,812
4	Apparel and other finished products made from fabrics and similar materials	14	8	7	27	647	43,265	40,714	466,133	992,348	1,851,165	858,817
6	Furniture and finished lumber products	4	2	-------	20	179	-------	34,575	202,935	744,022	1,317,512	573,490
7	Paper and allied products	8	7	7	55	504	80,987	100,265	618,443	2,626,498	4,411,239	1,784,741
8	Printing, publishing, and allied industries	7	1	12	110	828	137,457	260,426	995,410	1,492,611	3,984,201	2,491,590
9	Chemicals and allied products	12	3	4	42	193	25,760	98,604	273,701	3,121,850	5,506,365	2,384,515
14	Iron and steel and their products, except machinery	10	-------	14	91	745	86,354	181,187	864,611	972,151	3,444,840	2,472,689
15	Nonferrous metals and their products	7	1	12	130	1,355	54,460	298,833	2,300,241	21,052,006	26,559,059	5,507,053
16	Electrical machinery	3	-------	6	290	2,180	146,713	515,530	2,548,265	3,954,759	10,004,409	6,049,650
17	Machinery (except electrical)	8	1	14	595	5,067	113,472	1,158,111	7,381,390	5,150,937	16,433,765	11,282,828
20	Miscellaneous industries	7	3	10	25	204	32,128	36,284	156,730	565,980	955,564	389,584
13	Stone, clay, and glass products	4	2	4	-------	17						
5	Lumber and timber basic products	1										
10	Products of petroleum and coal	1	2	3	15	108	28,052	31,793	131,955	1,202,028	1,622,289	420,261
11	Rubber products	1										
12	Leather and leather products	2										
	JERSEY CITY											
	All industries, total	556	275	501	3,199	25,551	$2,891,782	$6,574,859	$30,097,115	$174,132,178	$281,795,481	$107,663,303
4	Belts (apparel), regardless of material	3	1	6	26	278	73,250	45,053	242,719	428,112	970,652	542,540
8	Bookbinding and related industries	6	3	3	19	244	(4)	(4)	(4)	(4)	(4)	(4)
8	Books: printing without publishing	3	-------	6	59	812	(4)	(4)	(4)	(4)	(4)	(4)
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	84	86	16	29	593	35,921	49,310	831,570	1,974,897	4,095,252	2,120,355
9	Chemicals not elsewhere classified	9	-------	13	63	526	104,799	147,183	724,290	3,077,318	6,328,585	3,251,267
4	Children's dresses—made in inside factories or by jobbers engaging contractors	4	2	4	10	106	18,050	15,083	75,208	674,061	866,810	192,749
4	Coats, suits, and skirts (except fur coats)—made in contract factories	7	9	8	3	168	14,088	5,220	173,432	9,607	253,230	243,623
6	Cooperage	3	-------	-------	15	78	-------	(4)	(4)	(4)	(4)	(4)
3	Cotton broad woven goods	3	-------	5	16	96	(4)	(4)	(4)	(4)	(4)	(4)
9	Drugs and medicines (including drug grinding)	10	1	6	52	375	59,070	78,300	415,478	2,004,277	10,564,813	8,560,536

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [1]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [1]
		JERSEY CITY—Continued										
4	Embroideries: Schiffli-machine products	9	12	.....	.....	56	.....	.....	$42,469	$82,638	$171,900	$89,262
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	8	2	14	27	165	$53,300	$48,674	179,731	666,336	1,152,428	486,092
3	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	4	2	5	14	170	(4)	(4)	(4)	(4)	(4)	(4)
1	Flavoring extracts and flavoring sirups, not elsewhere classified	3	1	.....	3	16	.....	(4)	(4)	(4)	(4)	(4)
1	Food preparations, not elsewhere classified	6	1	5	14	55	(4)	(4)	(4)	(4)	(4)	(4)
12	Footwear (except rubber)	6	1	16	47	885	129,628	76,389	808,739	1,583,013	2,957,178	1,374,165
14	Forgings, iron and steel—made in plants not operated in connection with rolling mills	3	4	1	2	48	(4)	(4)	(4)	(4)	(4)	(4)
20	Games and toys (except dolls and children's vehicles)	4	.....	10	20	146	43,431	26,550	107,636	237,430	461,791	224,361
8	General commercial (job) printing	23	20	7	34	196	13,034	70,654	285,866	623,627	1,235,376	611,749
14	Gray-iron and semisteel castings	5	1	8	12	114	26,895	30,546	146,781	107,126	365,431	258,305
1	Ice cream and ices	3	2	1	.....	20	2,000	.....	19,859	72,668	109,458	36,790
17	Industrial machinery, not elsewhere classified	3	.....	3	119	438	(4)	(4)	(4)	(4)	(4)	(4)
9	Insecticides, fungicides, and related industrial and household chemical compounds	11	.....	14	31	119	60,306	84,424	161,833	1,362,745	2,276,671	913,926
3	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	6	5	1	3	123	9,560	3,348	118,151	311,746	532,154	220,408
12	Leather goods not elsewhere classified	3	3	.....	.....	74	.....	.....	(4)	(4)	(4)	(4)
1	Liquors, rectified or blended	7	1	8	47	188	24,482	86,776	219,817	1,853,738	2,990,585	1,136,847
1	Macaroni, spaghetti, vermicelli, and noodles	3	2	5	34	265	(4)	(4)	(4)	(4)	(4)	(4)
17	Machine-shop products, not elsewhere classified	16	5	20	41	229	88,239	70,422	299,805	538,577	1,321,225	782,648
17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	3	1	1	5	16	2,340	6,245	24,509	40,454	92,699	52,245
6	Mattresses and bedsprings	4	.....	7	3	28	23,098	2,464	26,963	101,958	205,347	103,389
1	Meat packing, wholesale	4	1	.....	202	1,456	.....	434,678	2,091,620	33,988,841	38,648,281	4,659,440
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	3	5	2	9	66	(4)	(4)	(4)	(4)	(4)	(4)
4	Millinery	10	4	15	8	188	32,406	5,711	215,022	355,792	731,962	376,170
13	Mirrors and other glass products made of purchased glass	3	2	2	1	26	4,900	1,816	17,455	52,428	73,570	21,142
20	Models and patterns (except paper patterns)	3	3	.....	.....	7	.....	.....	10,691	2,331	27,241	24,910
8	Newspapers: publishing and printing	3	1	2	52	109	(4)	(4)	(4)	(4)	(4)	(4)
1	Nonalcoholic beverages	5	3	4	3	14	16,947	3,435	17,267	53,061	155,916	102,855
15	Nonferrous-metal foundries (except aluminum)	3	3	.....	10	31	.....	(4)	(4)	(4)	(4)	(4)
15	Nonferrous-metal products not elsewhere classified	3	.....	1	10	112	(4)	(4)	(4)	(4)	(4)	(4)
9	Paints, varnishes, and lacquers	10	.....	15	33	168	51,439	86,475	229,237	1,744,159	3,303,218	1,559,059
7	Paper and paperboard mills	4	.....	7	22	203	78,041	48,585	304,254	663,877	1,432,741	768,864
7	Paperboard containers and boxes not elsewhere classified	8	1	16	53	545	157,068	102,911	526,381	1,456,935	2,725,392	1,268,457
20	Pencils (except mechanical) and crayons	4	.....	10	53	618	(4)	(4)	(4)	(4)	(4)	(4)
9	Perfumes, cosmetics, and other toilet preparations	7	2	7	59	577	74,750	131,454	555,458	2,140,579	3,982,156	1,841,577
5	Planing mills not operated in conjunction with sawmills	7	6	4	7	52	7,700	9,600	56,221	116,338	243,524	127,186
4	Robes, lounging garments, and dressing gowns	4	3	2	7	96	(4)	(4)	(4)	(4)	(4)	(4)
11	Rubber products not elsewhere classified	3	.....	7	3	146	52,480	13,352	100,736	223,654	564,245	340,591
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	4	.....	6	9	34	18,280	14,728	32,164	403,229	502,871	99,642
15	Sheet-metal work not specifically classified	3	.....	5	2	20	(4)	(4)	(4)	(4)	(4)	(4)
19	Shipbuilding and ship repairing	5	1	6	27	541	98,860	74,296	1,010,602	450,436	1,996,716	1,546,280
9	Soap and glycerin	3	.....	2	379	1,807	(4)	(4)	(4)	(4)	(4)	(4)
14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	3	.....	4	46	133	(4)	(4)	(4)	(4)	(4)	(4)
12	Suitcases, brief cases, bags, trunks, and other luggage	3	2	3	3	123	15,157	3,243	71,932	284,042	455,381	171,339

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
						JERSEY CITY—Continued						
9	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	6		12	41	104	(4)	(4)	(4)	(4)	(4)	(4)
14	Wirework not elsewhere classified	3		6	16	136	$38,792	$12,655	$130,805	$469,158	$828,670	$359,512
	Women's and misses' dresses (except house dresses)—made in contract factories	9	10	4	4	258	16,060	1,130	209,462	9,147	312,845	303,698
4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	5		1	16	208	22,000	42,047	176,035	1,755,925	2,731,749	975,824
	Other industries [5]	241	91	237	2,280	16,540	1,425,411	4,742,102	19,436,917	114,211,918	186,127,418	71,915,500
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	26	7	17	103	73	116,203	196,513	731,865	9,308,230	13,079,155	3,770,925
3	Textile-mill products and other fiber manufactures	19	7	24	57	577	152,806	95,498	541,320	1,401,994	3,028,607	1,626,613
4	Apparel and other finished products made from fabrics and similar materials	33	28	22	86	1,707	92,649	156,875	1,423,799	7,185,615	10,779,679	3,594,064
6	Furniture and finished lumber products	19	3	27	78	376	78,195	150,413	477,608	828,944	1,788,042	959,098
8	Printing, publishing, and allied industries	16	7	11	145	1,182	178,946	332,243	1,747,396	1,739,657	5,437,062	3,697,405
9	Chemicals and allied products	18	1	20	480	2,286	113,440	974,326	3,316,254	22,469,290	52,010,218	29,540,928
12	Leather and leather products	9	5	7	7	315	18,365	10,230	195,929	357,999	696,954	338,955
13	Stone, clay, and glass products	14	10	9	39	363	36,800	101,874	470,236	920,796	2,170,952	1,250,156
14	Iron and steel and their products, except machinery	18	4	24	391	3,195	118,162	840,179	3,899,914	15,593,349	26,459,918	10,866,569
15	Nonferrous metals and their products	14	4	15	98	861	101,404	176,142	945,038	2,167,107	4,278,013	2,110,906
16	Electrical machinery	5	3		21	180		40,349	184,988	722,422	1,166,391	443,969
17	Machinery (except electrical)	14	5	16	419	1,146	99,079	912,943	1,623,938	2,033,304	5,833,452	3,800,148
20	Miscellaneous industries	20	3	38	136	1,634	252,582	277,890	1,778,958	2,568,446	6,166,425	3,597,979
2	Tobacco manufactures	6	2	1	62	1,181						
7	Paper and allied products	5		3	92	533						
10	Products of petroleum and coal	2					66,780	476,627	2,099,674	46,914,765	53,232,550	6,317,785
18	Automobiles and automobile equipment	3	2	3	66	274						
						NEWARK						
	All industries, total	1,517	725	1,644	8,164	56,597	$10,029,328	$16,323,402	$69,071,962	$218,825,315	$426,162,505	$207,337,190
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	4	1	3	10	55	(4)	(4)	(4)	(4)	(4)	(4)
3	Artificial leather and oilcloth	6	1	13	78	439	86,123	120,102	604,865	2,735,879	4,209,000	1,473,121
1	Biscuit, crackers, and pretzels	3	2	1		7	1,300		14,279	25,550	59,393	33,843
8	Bookbinding and related industries	12	14	9	16	158	37,500	28,358	149,179	114,747	472,373	357,626
8	Books: printing without publishing	6	2	10	24	112	(4)	(4)	(4)	(4)	(4)	(4)
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	133	125	23	232	4,118	176,004	473,746	6,487,855	12,100,189	26,431,445	14,331,256
20	Brushes	6	1	7	53	312	37,716	83,926	308,792	1,394,057	2,290,005	895,948
20	Buttons	11	8	11	59	706	36,104	103,406	676,905	756,048	1,944,507	1,188,459
1	Candy and other confectionery products	3	6			8			(4)	(4)	(4)	(4)
4	Canvas products (except bags)	3	2	1	16	108	(4)	(4)	(4)	(4)	(4)	(4)
6	Caskets, coffins, burial cases, and other morticians' goods	3		4	7	81	(4)	(4)	(4)	(4)	(4)	(4)
9	Chemicals not elsewhere classified	11		17	76	430	99,805	161,740	559,320	3,608,916	5,929,585	2,320,669
4	Children's dresses—made in contract factories	12	16	1	6	458	1,000	7,948	271,033	11,382	371,039	359,657
4	Children's dresses—made in inside factories or by jobbers engaging contractors	3		2	9	173	8,990	15,730	128,051	191,599	490,312	298,713
4	Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors	3	4	1	12	423	(4)	(4)	(4)	(4)	(4)	(4)
9	Cleaning and polishing preparations, blackings, and dressings	17	5	19	22	75	67,130	34,764	86,630	426,095	938,347	512,252
9	Coal-tar products, crude and intermediate	3		3	31	165	(4)	(4)	(4)	(4)	(4)	(4)
4	Coats, suits, and skirts (except fur coats)—made in contract factories	7	9	4	2	252	9,600	3,500	175,400	17,097	244,711	227,614
4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	5	1	5	2	39	11,205	6,100	50,459	290,117	405,301	115,184
9	Colors and pigments	7		11	244	588	81,420	528,107	918,474	5,840,465	9,275,327	3,434,862

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
		NEWARK—Continued										
16	Communication equipment	7		6	77	218	(4)	(4)	(4)	(4)	(4)	(4)
9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	4	--		14	76		(4)	(4)	(4)	(4)	(4)
13	Concrete products	4		3	13	47	$5,600	$20,180	$46,876	$138,815	$313,970	$175,155
4	Corsets and allied garments	9	1	12	102	1,076	141,887	167,970	988,147	1,987,228	4,938,601	2,951,373
14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	16	9	28	52	963	301,622	115,292	1,174,891	1,369,111	4,526,126	3,157,015
9	Drugs and medicines (including drug grinding)	14	2	19	61	372	173,638	148,004	442,628	2,130,226	7,208,928	5,078,702
3	Dyeing and finishing cotton, rayon, silk, and linen textiles	3		2	12	126	12,600	22,658	125,768	133,106	451,413	318,307
16	Electrical products not elsewhere classified	5	2	6	10	54	16,200	28,927	49,214	104,202	249,877	145,675
16	Electric lamps	10	2	13	250	1,766	(4)	(4)	(4)	(4)	(4)	(4)
15	Electroplating, plating, and polishing	10	11	4	8	141	12,602	10,211	147,969	78,855	392,902	31[illegible],047
14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	4	1	6	4	40	48,840	7,233	49,777	156,679	344,916	188,237
8	Engraving (steel, copperplate, and wood); plate printing	8	4	10	13	207	50,214	34,089	307,056	99,662	650,582	550,920
20	Fabricated plastic products, not elsewhere classified	5	2	5	16	121	43,696	21,102	95,790	215,291	516,356	301,065
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	5	2	3	1	15	5,093	3,000	25,529	45,568	106,662	61,094
3	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	6	2	6	7	156	15,050	11,514	109,514	262,991	441,809	178,818
1	Food preparations, not elsewhere classified	5		6	12	138	30,663	22,643	80,304	643,315	991,638	348,323
17	Food-products machinery	3		2	2	16	3,767	6,325	19,232	36,161	91,706	55,545
14	Forgings, iron and steel—made in plants not operated in connection with rolling mills	3	1	2	2	64	6,465	3,900	97,956	127,760	318,548	190,788
20	Furs, dressed and dyed	6	5	3	62	790	(4)	(4)	(4)	(4)	(4)	(4)
20	Games and toys (except dolls and children's vehicles)	5	2	5	26	299	34,756	78,231	241,233	376,797	974,735	597,938
8	General commercial (job) printing	97	76	58	137	812	217,708	250,222	1,231,586	2,510,163	5,127,853	2,617,690
16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	12	2	18	169	641	143,943	383,887	1,039,270	1,875,597	4,950,084	3,074,487
14	Gray-iron and semisteel castings	3	1	1	11	121	(4)	(4)	(4)	(4)	(4)	(4)
9	Grease and tallow (except lubricating greases)	4	1	7	4	50	35,335	10,660	58,363	609,372	819,696	210,324
20	Hand stamps, stencils, and brands	10	11	5	10	51	(4)	(4)	(4)	(4)	(4)	(4)
14	Hardware not elsewhere classified	7	4	6	12	124	43,660	21,724	133,617	205,284	618,970	413,686
4	House dresses, uniforms, and aprons—made in contract factories	12	13	5	2	536	6,830	1,828	284,591	25,328	391,075	365,747
4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	3		4	17	319	(4)	(4)	(4)	(4)	(4)	(4)
4	Housefurnishings (except curtains, draperies, and bedspreads)	9	6	5	52	280	45,089	68,940	257,111	1,122,380	2,121,035	998,655
6	Household furniture, except upholstered	8	1	16	16	158	57,630	25,671	196,179	604,293	1,075,526	471,233
1	Ice cream and ices	7	1	4	28	120	31,266	65,773	191,849	1,267,541	2,379,000	1,111,459
1	Ice, manufactured	6		1	10	58	3,600	23,592	81,899	145,315	526,123	380,808
12	Industrial leather belting and packing leather	3		4	1	8	(4)	(4)	(4)	(4)	(4)	(4)
17	Industrial machinery, not elsewhere classified	11	2	14	31	147	116,019	57,364	215,367	448,039	1,255,426	807,387
9	Insecticides, fungicides, and related industrial and household chemical compounds	11	1	14	15	43	82,726	23,206	44,152	214,537	620,039	405,502
20	Jewelry cases and instrument cases	3	2	2	2	63	(4)	(4)	(4)	(4)	(4)	(4)
15	Jewelry (precious metals)	62	32	84	253	1,227	(4)	(4)	(4)	(4)	(4)	(4)
3	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	5	3	7	7	93	26,692	11,043	120,620	335,668	614,043	278,375
12	Leather goods not elsewhere classified	7	2	15	15	258	(4)	(4)	(4)	(4)	(4)	(4)
12	Leather: tanned, curried, and finished—contract factories	17	13	19	15	344	78,343	26,756	398,462	652,420	1,372,295	719,875
12	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	21	2	56	78	1,079	383,716	166,436	1,389,453	6,453,790	9,628,569	3,174,779
15	Lighting fixtures	5	1	4	19	186	(4)	(4)	(4)	(4)	(4)	(4)
8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	3		6	6	32	12,699	7,000	32,262	41,758	132,333	90,575
9	Lubricating oils and greases—not made in petroleum refineries	11	2	8	21	118	87,100	64,034	180,888	2,255,648	3,499,122	1,243,47
	Machine and hand typesetting (including advertisement typesetting)	6	5	5	5	46	10,614	8,441	90,360	20,056	163,550	143,49

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
		NEWARK—Continued										
17	Machine-shop products, not elsewhere classified	24	11	32	103	388	$198,768	$233,369	$506,944	$1,250,307	$3,032,094	$1,781,787
17	Machine-shop repairs	8	3	5	6	42	7,870	11,636	63,803	76,114	202,694	126,580
17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	32	12	34	35	503	195,363	72,622	794,990	333,232	1,794,274	1,461,042
1	Malt liquors	6	-------	18	173	924	405,359	347,440	2,101,977	8,037,126	27,963,517	19,926,391
6	Mattresses and bedsprings	11	7	10	22	172	79,551	45,200	240,816	753,050	1,346,241	593,191
1	Meat packing, wholesale	7	-------	16	134	902	111,513	258,396	1,344,769	18,080,550	20,523,756	2,443,206
4	Men's and boys' hats and caps (except felt and straw)	3	1	2	6	88	7,655	11,291	43,615	94,902	208,551	113,649
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	29	22	30	31	1,570	56,179	50,858	1,501,421	93,554	2,053,210	1,959,656
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	6	5	1	2	65	5,200	5,180	61,341	713,475	849,184	135,709
4	Men's neckwear—made in inside factories or by jobbers engaging contractors	3	4	3	3	55	5,060	3,191	33,750	174,439	246,951	72,512
17	Metalworking machinery and equipment, not elsewhere classified	7	3	5	574	1,142	(4)	(4)	(4)	(4)	(4)	(4)
13	Mirrors and other glass products made of purchased glass	8	4	5	3	47	31,456	5,304	41,806	79,048	199,787	120,739
20	Miscellaneous fabricated products not elsewhere classified	9	6	11	46	486	(4)	(4)	(4)	(4)	(4)	(4)
4	Miscellaneous fabricated textile products not elsewhere classified	7	4	10	3	105	35,705	9,546	81,197	188,508	387,132	198,624
20	Models and patterns (except paper patterns)	12	7	8	4	80	24,293	7,140	120,198	45,877	255,479	209,602
13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	6	3	5	6	43	7,285	15,076	54,506	75,481	244,663	169,182
18	Motor vehicles, motor-vehicle bodies, parts and accessories	12	3	21	127	604	(4)	(4)	(4)	(4)	(4)	(4)
8	Newspapers: publishing and printing	8	1	12	592	575	144,048	1,488,717	1,138,094	1,273,527	6,123,114	4,849,587
1	Nonalcoholic beverages	25	15	24	94	404	166,024	224,033	611,151	2,263,816	5,997,494	3,733,678
15	Nonferrous-metal foundries (except aluminum)	11	10	6	7	106	21,054	10,601	132,343	291,699	561,576	269,877
15	Nonferrous-metal products not elsewhere classified	6	2	7	13	70	63,803	36,255	98,268	108,821	385,967	277,146
20	Ophthalmic goods: lenses and fittings	4	-------	10	20	110	28,846	22,665	87,883	194,153	377,694	183,541
9	Paints, varnishes, and lacquers	26	-------	56	436	1,188	405,796	775,578	1,759,403	14,693,769	25,399,421	10,705,652
7	Paper bags, except those made in paper mills	3	-------	2	11	138	(4)	(4)	(4)	(4)	(4)	(4)
7	Paperboard containers and boxes not elsewhere classified	15	3	26	34	512	155,146	65,919	408,916	939,962	2,094,842	1,154,880
6	Partitions, shelving, cabinet work, and office and store fixtures	13	10	4	6	81	6,414	11,289	110,943	193,073	414,332	221,259
9	Perfumes, cosmetics, and other toilet preparations	10	1	12	28	201	84,265	58,387	180,863	1,638,150	3,835,702	2,197,552
8	Periodicals: publishing without printing	4	-------	8	12	9	(4)	(4)	(4)	(4)	(4)	(4)
8	Photoengraving, not done in printing establishments (including preparation of plates)	4	-------	8	11	50	39,011	46,616	178,587	66,237	415,781	349,544
1	Pickled fruits and vegetables and vegetable sauces and seasonings	3	2	-------	2	44	-------	(4)	(4)	(4)	(4)	(4)
5	Planing mills not operated in conjunction with sawmills	14	2	2	10	104	6,500	18,636	144,740	884,699	1,323,531	438,832
14	Power boilers and associated products	3	2	4	6	70	(4)	(4)	(4)	(4)	(4)	(4)
1	Prepared feeds (including mineral) for animals and fowls	4	-------	6	38	124	24,052	67,476	152,815	437,450	915,905	478,455
9	Printing ink	5	-------	9	17	53	(4)	(4)	(4)	(4)	(4)	(4)
20	Professional and scientific instruments (except surgical and dental)	3	-------	5	7	17	(4)	(4)	(4)	(4)	(4)	(4)
17	Pumping equipment and air compressors	4	-------	13	32	129	79,292	59,160	198,626	330,491	760,722	430,231
16	Radios, radio tubes, and phonographs	9	-------	19	306	1,908	(4)	(4)	(4)	(4)	(4)	(4)
17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	5	1	6	5	27	10,402	5,050	36,170	78,641	215,177	136,536
10	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	3	2	2	8	16	(4)	(4)	(4)	(4)	(4)	(4)
11	Rubber products not elsewhere classified	9	-------	21	47	426	104,288	95,066	425,365	909,439	2,032,354	1,122,915

See footnotes at end of table.

TABLE 10. GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
	NEWARK—Continued											
1	Sausages, prepared meats, and other meat products not made in meat-packing establishments	10	3	11	18	108	$60,060	$30,519	$131,112	$1,548,976	$1,903,488	$354,512
14	Screw-machine products and wood screws	4	1	6	6	91	40,271	13,236	132,206	104,678	384,363	279,685
15	Sheet-metal work not specifically classified	24	9	25	22	221	92,153	35,012	265,036	452,415	1,095,010	642,595
20	Signs, advertising displays, and advertising novelties	18	8	27	72	472	129,004	128,237	711,801	883,770	2,490,853	1,607,083
15	Silverware and plated ware	11	5	16	48	164	43,524	118,546	273,106	258,261	744,007	485,746
9	Soap and glycerin	3	1	1	2	22	(4)	(4)	(4)	(4)	(4)	(4)
20	Sporting and athletic goods not elsewhere classified	6	3	4	6	90	16,390	7,856	92,629	169,212	415,801	246,589
14	Stamped and pressed metal products (except automobile stampings)	20	9	22	59	890	109,082	117,981	797,161	1,086,330	2,676,215	1,589,885
14	Steam fittings, regardless of material	4	2	7	27	184	(4)	(4)	(4)	(4)	(4)	(4)
12	Suitcases, brief cases, bags, trunks, and other luggage	11	.	24	28	432	109,268	44,044	503,711	940,255	1,813,354	873,099
9	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	9	3	15	61	164	181,314	197,874	229,896	2,581,819	4,468,527	1,886,708
14	Tools (except edge tools, machine tools, files, and saws)	11	2	13	83	546	79,428	135,606	629,891	790,138	2,141,834	1,351,696
6	Upholstered household furniture	8	5	5	6	101	21,163	8,772	116,690	407,128	712,391	305,263
6	Window shades	4	1	4		11	6,510		9,008	44,891	76,901	32,010
14	Wire drawn from purchased rods	4		12	50	360	97,766	99,943	490,511	1,582,717	2,744,747	1,162,030
14	Wirework not elsewhere classified	11	1	14	20	173	59,128	32,041	188,576	474,129	1,132,424	658,295
4	Women's and misses' blouses and waists—made in contract factories	3	2	4	6	192	8,200	10,340	135,265	15,428	200,425	184,997
4	Women's and misses' dresses (except house dresses)—made in contract factories	20	15	12	18	951	32,420	24,711	735,856	40,779	1,085,829	1,045,050
4	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	3	3	3	1	67	(4)	(4)	(4)	(4)	(4)	(4)
6	Wooden boxes except cigar boxes	3	.	10	5	220	60,382	8,576	194,462	738,600	1,228,032	489,432
6	Wood products not elsewhere classified	7	4	4	4	49	8,910	6,685	46,629	93,597	190,519	96,922
16	X-ray and therapeutic apparatus and electronic tubes	3		7	28	97	(4)	(4)	(4)	(4)	(4)	(4)
	Other industries [5]	428	173	533	4,000	26,003	3,424,597	7,756,443	30,353,961	98,107,505	179,621,787	81,514,282
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	21	11	18	48	475	101,216	136,497	465,893	6,772,696	8,544,111	1,771,415
3	Textile-mill products and other fiber manufactures	20	8	29	249	2,859	209,282	430,717	2,836,884	6,575,645	12,489,450	5,913,805
4	Apparel and other finished products made from fabrics and similar materials	37	20	38	100	2,256	156,550	181,825	1,746,143	6,209,008	9,865,269	3,656,261
6	Furniture and finished lumber products	13	3	19	22	305	75,615	30,996	311,208	610,084	1,245,911	635,827
7	Paper and allied products	9	1	10	48	578	117,192	113,381	659,437	2,061,561	4,019,964	1,958,403
8	Printing, publishing, and allied industries	19	5	25	48	194	134,228	89,180	317,501	963,933	2,196,755	1,232,822
9	Chemicals and allied products	18	1	19	272	1,461	92,343	516,208	1,981,562	5,912,515	11,247,068	5,334,553
12	Leather and leather products	17	3	35	37	582	138,694	83,563	506,997	660,590	1,766,547	1,105,957
14	Iron and steel and their products, except machinery	32	12	39	313	1,893	248,618	533,901	2,390,206	5,915,087	10,936,148	5,021,061
15	Nonferrous metals and their products	100	47	123	397	2,331	842,685	771,133	3,032,088	35,838,316	45,169,686	9,331,370
16	Electrical machinery	35	3	58	1,275	6,238	402,381	2,467,371	7,674,172	12,248,959	36,936,365	24,687,406
17	Machinery (except electrical)	22	9	23	685	1,782	150,400	1,296,308	3,110,687	3,633,058	9,886,008	6,252,950
20	Miscellaneous industries	52	36	50	270	2,720	418,568	661,027	3,259,322	4,431,905	13,093,049	8,661,144
2	Tobacco manufactures	11	9	8	71	1,503						
13	Stone, clay, and glass products	5	..	..	9	7	68					
18	Automobiles and automobile equipment	12	3	21	127	604	336,825	444,336	2,061,861	6,274,148	12,225,456	5,951,308
10	Products of petroleum and coal	3										
19	Transportation equipment except automobiles	2	2	9	31	154						
	PATERSON											
	All industries, total	505	284	510	2,443	23,059	$2,349,375	$4,664,219	$25,647,523	$44,577,542	$106,799,735	$62,222,193
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	54	54	5	53	778	32,100	122,065	1,007,085	2,177,874	4,649,908	2,472,034
4	Coats, suits, and skirts (except fur coats)—made in contract factories	9	5	17	2	301	30,372	1,550	204,858	16,807	340,273	323,466
3	Cotton narrow fabrics	5	2	3	15	108	12,410	26,419	100,745	126,274	369,539	243,265
7	Die-cut paper and paperboard, and converted cardboard	6	2	7	4	62	(4)	(4)	(4)	(4)	(4)	(4)
3	Dyeing and finishing cotton, rayon, silk, and linen textiles	52	15	99	354	4,384	486,061	654,849	4,443,509	5,269,033	14,695,510	9,426,477

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
		PATERSON—Continued										
8	Engraving (steel, copperplate, and wood); plate printing	4	-------	8	12	139	$42,422	$23,806	$175,677	$28,268	$336,693	$308,425
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	3	2	5	-------	17	7,760	-------	20,917	65,457	124,669	59,212
7	Fiber cans, tubes, and similar products	4	4	6	6	87	24,800	7,983	64,175	147,481	340,962	193,481
8	General commercial (job) printing	17	12	6	8	47	13,520	12,061	64,125	123,848	376,509	252,661
14	Gray-iron and semisteel castings	3	1	8	15	358	(4)	(4)	(4)	(4)	(4)	(4)
3	Hosiery—full-fashioned	4	-------	4	20	438	37,100	30,971	469,611	519,721	1,292,131	772,410
1	Ice cream and ices	4	-------	6	11	51	(4)	(4)	(4)	(4)	(4)	(4)
1	Ice, manufactured	4	1	-------	4	22	-------	7,698	32,217	49,405	158,947	109,542
3	Lace goods	3	2	3	11	166	(4)	(4)	(4)	(4)	(4)	(4)
17	Machine-shop products, not elsewhere classified	3	3	3	7	31	(4)	(4)	(4)	(4)	(4)	(4)
6	Mattresses and bedsprings	3	3	1	1	5	(4)	(4)	(4)	(4)	(4)	(4)
4	Men's and boys' shirts (except work shirts), collars, and night-wear—made in inside factories or by jobbers engaging contractors	4	-------	3	110	1,082	(4)	(4)	(4)	(4)	(4)	(4)
20	Models and patterns (except paper patterns)	4	4	2	-------	17	2,711	-------	27,867	9,720	63,927	54,207
8	Newspapers: publishing and printing	4	3	12	73	160	69,953	146,073	245,375	281,974	1,154,859	872,885
1	Nonalcoholic beverages	10	4	8	2	19	18,988	3,210	19,852	136,870	317,851	180,981
7	Paperboard containers and boxes not elsewhere classified	5	1	6	17	220	23,880	40,740	207,066	556,394	1,000,659	444,265
9	Perfumes, cosmetics, and other toilet preparations	3	-------	4	4	119	(4)	(4)	(4)	(4)	(4)	(4)
5	Planing mills not operated in conjunction with sawmills	3	-------	2	8	54	(4)	(4)	(4)	(4)	(4)	(4)
3	Rayon broad woven goods—contract factories	24	12	27	27	761	48,961	31,745	548,530	86,353	989,268	902,915
3	Rayon broad woven goods—regular factories or jobbers engaging contractors	21	18	23	58	1,061	117,494	98,698	1,022,247	2,517,355	4,802,817	2,285,462
3	Rayon narrow fabrics	11	8	4	24	260	15,248	26,144	210,265	344,209	711,097	366,888
3	Rayon throwing and spinning—contract factories	5	3	3	3	100	7,900	3,722	71,373	10,568	243,297	232,729
3	Rayon yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	4	2	2	7	136	(4)	(4)	(4)	(4)	(4)	(4)
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	3	1	3	1	20	23,400	946	26,804	197,373	266,923	69,550
15	Sheet-metal work not specifically classified	4	2	4	4	17	5,560	5,008	26,302	26,879	81,802	54,923
20	Signs, advertising displays, and advertising novelties	4	2	2	1	11	5,756	2,996	13,048	20,126	74,794	54,668
3	Silk broad woven goods—contract factories	15	11	6	15	263	6,487	15,901	196,199	26,423	291,923	265,500
3	Silk broad woven goods—regular factories or jobbers engaging contractors	22	16	15	25	613	44,687	37,593	537,537	1,191,217	2,312,965	1,121,748
3	Silk narrow fabrics	32	11	28	92	1,092	115,261	146,054	1,037,488	1,124,500	3,541,121	2,416,621
3	Silk throwing and spinning—contract factories	5	6	3	12	273	(4)	(4)	(4)	(4)	(4)	(4)
9	Soap and glycerin	3	-------	2	3	10	(4)	(4)	(4)	(4)	(4)	(4)
9	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	3	-------	4	6	28	(4)	(4)	(4)	(4)	(4)	(4)
17	Textile machinery	23	21	25	78	430	163,834	146,338	473,646	1,171,429	2,516,282	1,344,853
6	Upholstered household furniture	4	3	2	4	74	8,161	7,160	82,037	214,193	391,126	176,933
4	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	4	2	4	92	1,395	(4)	(4)	(4)	(4)	(4)	(4)
4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	3	-------	2	9	39	(4)	(4)	(4)	(4)	(4)	(4)
	Other industries [5]	158	69	187	1,545	11,620	984,549	3,064,489	14,318,968	28,137,791	65,353,883	37,216,092
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	12	2	10	30	147	24,507	55,296	224,324	1,553,204	3,489,147	1,935,943
3	Textile-mill products and other fiber manufactures	27	17	21	135	1,710	84,060	268,273	1,554,957	4,153,229	7,843,964	3,690,735
4	Apparel and other finished products made from fabrics and similar materials	27	13	32	241	3,670	205,591	316,783	2,578,762	8,411,687	13,157,755	4,746,068
6	Furniture and finished lumber products	12	6	12	10	145	29,435	15,435	130,669	370,278	697,500	327,222
7	Paper and allied products	8	2	14	9	90	88,530	18,589	110,747	506,573	888,716	382,143

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
		PATERSON—Continued										
	OTHER INDUSTRIES BY INDUSTRY GROUPS [5]—continued											
8	Printing, publishing, and allied industries	8	4	8	19	40	$16,442	$29,500	$44,195	$107,250	$300,107	$192,857
9	Chemicals and allied products	15		21	25	202	101,248	43,981	159,301	1,593,932	2,596,452	1,002,520
12	Leather and leather products	4	4	3	3	85	7,847	1,831	73,254	276,173	413,488	137,315
13	Stone, clay, and glass products	6	8	4	15	129	11,102	21,794	127,389	317,535	595,832	278,297
14	Iron and steel and their products, except machinery	7	1	14	35	448	108,726	73,395	518,734	752,381	1,842,283	1,089,902
15	Nonferrous metals and their products	4	1	5	4	24	17,276	4,666	24,451	69,278	129,366	60,088
17	Machinery (except electrical)	12	6	19	118	485	107,596	181,752	684,597	869,816	2,260,204	1,390,388
20	Miscellaneous industries	6	3	6	10	116	43,558	10,295	93,670	172,861	422,304	249,443
5	Lumber and timber basic products	4		5	10	65						
2	Tobacco manufactures	2					138,631	2,022,899	7,993,918	8,983,594	30,716,765	21,733,171
11	Rubber products	1										
16	Electrical machinery	2	2	13	881	4,264						
19	Transportation equipment except automobiles	1										
		TRENTON										
	All industries, total	255	156	242	1,629	17,972	$1,668,084	$3,028,978	$19,631,049	$35,781,098	$83,959,940	$48,178,842
1	Biscuit, crackers, and pretzels	3	4		6	44		(4)	(4)	(4)	(4)	(4)
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	39	42	1	19	409	3,150	35,605	548,816	993,453	2,095,771	1,102,318
13	China firing and decorating (for the trade)	3	3	2	2	29	4,300	1,820	18,196	26,551	82,954	56,403
2	Cigars	3			71	2,249		(4)	(4)	(4)	(4)	(4)
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	3		6	30	400	(4)	(4)	(4)	(4)	(4)	(4)
13	Floor and wall tile (except quarry tile)	5	3	4	17	403	9,640	25,989	341,294	351,187	821,096	469,909
8	General commercial (job) printing	20	14	12	24	122	77,317	49,021	195,441	199,011	670,970	471,959
4	House dresses, uniforms, and aprons—made in contract factories	3	2	1	5	127	3,900	5,570	69,511	5,587	101,596	96,009
1	Ice, manufactured	6	3	6	11	31	16,400	22,921	44,100	52,939	219,601	166,662
17	Machine-shop products, not elsewhere classified	5	5	5	7	56	18,470	12,722	54,773	82,646	222,922	140,276
6	Mattresses and bedsprings	4	6			12			11,472	28,560	52,676	24,116
1	Meat packing, wholesale	5	6	3	3	43	(4)	(4)	(4)	(4)	(4)	(4)
4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	3	2	5	4	55	(4)	(4)	(4)	(4)	(4)	(4)
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	4	9	1	13	437	5,391	24,228	379,810	30,789	471,706	440,917
1	Nonalcoholic beverages	7	2	5	5	33	10,194	12,079	41,484	167,466	413,924	246,458
13	Porcelain electrical supplies	9		18	96	959	96,300	151,406	942,636	546,555	2,199,411	1,652,856
13	Pottery products not elsewhere classified	5	1	15	68	583	(4)	(4)	(4)	(4)	(4)	(4)
11	Rubber products not elsewhere classified	7		25	165	1,783	274,008	312,019	1,918,010	2,701,500	6,616,853	3,915,353
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	8	6	6	16	60	69,730	23,386	79,379	1,085,737	1,533,669	447,932
17	Special-industry machinery, not elsewhere classified	5	2	9	12	110	(4)	(4)	(4)	(4)	(4)	(4)
	Other industries [5]	135	61	156	1,249	13,510	1,079,284	2,352,212	14,986,127	29,509,117	68,456,791	38,947,674
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	15	13	8	39	547	46,702	76,461	374,220	2,807,674	3,952,377	1,144,703
4	Apparel and other finished products made from fabrics and similar materials	17	11	14	33	966	62,117	40,904	786,413	2,051,313	3,984,294	1,932,981
6	Furniture and finished lumber products	6	8			50			49,410	94,934	202,775	107,841
8	Printing, publishing, and allied industries	11	5	15	135	210	54,303	220,513	380,580	377,608	1,853,316	1,475,708
9	Chemicals and allied products	5	1	4	27	107	17,740	82,970	168,257	604,431	1,411,035	806,604

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
		TRENTON—Continued										
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]—continued.											
13	Stone, clay, and glass products	15	1	32	202	2,019	$218,223	$352,619	$2,444,153	$2,140,156	$6,660,068	$4,519,912
14	Iron and steel and their products, except machinery	15	------	25	379	4,183	257,044	792,149	5,927,524	8,166,275	23,908,578	15,742,303
17	Machinery (except electrical)	12	8	16	125	630	109,168	195,717	789,147	1,770,947	3,180,790	1,409,843
20	Miscellaneous industries	10	5	14	50	480	50,956	91,174	483,549	1,016,064	2,022,773	1,006,709
2	Tobacco manufactures	3	------	------	71	2,249						
3	Textile-mill products and other fiber manufactures	4	------	11	45	605						
7	Paper and allied products	3	1	2	11	132						
15	Nonferrous metals and their products	6	6	2	20	111	263,031	499,705	3,582,874	10,479,715	21,280,785	10,801.070
16	Electrical machinery	5	------	8	63	697						
5	Lumber and timber basic products	1										
10	Products of petroleum and coal	1										
11	Rubber products	1										
12	Leather and leather products	2	2	5	49	524						
18	Automobiles and automobile equipment	2										
19	Transportation equipment except automobiles	1										

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries" for the city.

[1] Figures do not include data for personnel of central-administrative offices.
[2] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.
[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[4] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[5] For number of establishments and of wage earners in individual industries, see table 12.

TABLE 11.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939

COUNTY	Total	INDUSTRY GROUP 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
The State	7,984	1,665	46	645	1,384	114	254	162	722	606	35	56	168	306	403	343	165	412	38	58	402
Atlantic	146	62	------	7	31	2	3	------	20	3	1	------	------	6	------	------	1	------	------	2	8
Bergen	548	126	1	31	110	6	7	18	61	48	2	4	8	35	12	11	4	21	3	------	40
Burlington	122	28	------	26	13	4	1	3	16	2	------	------	2	4	7	2	2	5	1	------	6
Camden	290	69	3	23	19	2	9	10	39	34	2	------	6	9	17	11	4	14	1	6	12
Cape May	33	16	------	3	2	1	------	------	7	1	------	1	------	------	------	------	------	1	------	1	------
Cumberland	138	34	------	7	28	2	4	3	13	7	------	------	------	20	6	4	------	4	------	4	2
Essex	2,028	328	11	66	188	25	82	33	208	186	5	13	74	44	169	196	81	144	15	2	158
Gloucester	73	22	------	9	14	------	4	------	5	5	1	------	1	5	3	1	------	2	------	------	1
Hudson	1,778	330	6	116	568	20	61	37	81	136	10	3	42	26	75	48	35	80	6	16	82
Hunterdon	40	9	------	3	3	------	1	3	7	2	------	------	1	2	4	2	------	2	------	------	1
Mercer	326	91	3	11	25	3	11	3	37	9	1	14	3	44	19	8	6	21	3	2	12
Middlesex	414	88	11	9	94	11	11	4	30	43	4	2	7	34	13	17	4	11	2	4	15
Monmouth	217	71	------	7	46	10	2	1	23	10	------	1	------	13	7	3	3	3	1	10	6
Morris	110	23	------	9	3	3	2	6	13	9	------	4	4	9	7	1	6	5	------	------	6
Ocean	54	25	------	1	6	2	------	------	9	1	------	------	------	3	------	------	------	------	------	7	------
Passaic	934	166	10	281	139	8	31	23	70	40	------	9	13	17	25	16	5	52	2	3	24
Salem	34	9	------	2	5	2	------	------	6	5	------	------	------	3	------	------	------	1	------	------	1
Somerset	88	20	1	5	13	2	3	1	9	6	3	1	1	7	4	1	2	5	------	------	4
Sussex	32	11	------	3	1	5	------	------	5	------	------	------	1	2	------	------	------	1	------	------	3
Union	509	119	------	16	72	6	16	15	53	56	5	4	3	18	32	22	11	35	4	1	21
Warren	70	18	------	10	4	------	6	2	10	3	1	------	2	5	3	------	1	5	------	------	------

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE NEW YORK CITY-NEWARK-JERSEY CITY AND PHILADELPHIA-CAMDEN INDUSTRIAL AREAS, AND FOR CAMDEN, ELIZABETH, JERSEY CITY, NEWARK, PATERSON, AND TRENTON: 1939

[In order to avoid disclosing data for individual establishments, wage-earner figures for industries represented by fewer than three establishments are withheld]

Group No.[1]	INDUSTRY	Number of establishments	Wage earners
	STATE OF NEW JERSEY		
1	Baking powder, yeast, and other leavening compounds	3	153
	Blended and prepared flour made from purchased flour	1	-
	Cane sugar refining	1	-
	Canned and dried fruits and vegetables (including canned soups)	16	4,303
	Canned fish, crustacea, and mollusks	1	-
	Cereal preparations	2	-
	Chewing gum	2	-
	Condensed and evaporated milk	1	-
	Corn sirup, corn sugar, corn oil, and starch	2	-
	Creamery butter	1	-
	Cured fish	3	9
	Custom slaughtering, wholesale	1	-
	Flavoring extracts and flavoring sirups, not elsewhere classified	17	130
	Liquors, distilled	3	51
	Malt	1	-
	Oleomargarine—not made in meat-packing establishments	1	-
	Quick-frozen foods	1	-
	Salad dressings	3	98
	Special dairy products	2	-
2	Cigarettes	3	1,078
	Tobacco (chewing and smoking) and snuff	4	307
3	Batting, padding, and wadding; upholstery filling	2	-
	Carpet yarn, woolen and worsted	1	-
	Cordage and twine	5	357
	Cotton thread	1	-
	Dyeing and finishing woolen and worsted	3	587
	Felt goods, wool, hair, and jute (except woven felts and hat bodies and hats)	3	351
	Hatters' fur	8	480
	Hosiery—seamless	2	-
	Jute goods (except felt)	2	-
	Knitted underwear	2	-
	Linen goods	1	-
	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	5	187
	Rayon throwing and spinning—contract factories	8	204
	Woolen and worsted manufactures—contract factories	6	420
4	Children's coats—made in contract factories	11	394
	Dress and semidress gloves and mittens: cloth, cloth and leather combined	2	-
	Embroideries, other than Schiffli-machine products—made in regular factories or by jobbers engaging contractors	2	-
	Men's and boys' underwear—made in contract factories	2	-
	Men's and boys' underwear—made in inside factories or by jobbers engaging contractors	1	-
	Raincoats and other waterproof garments (except oiled cotton)	2	-
	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	2	-
	Work shirts	1	-
5	Plywood mills	1	-
6	Laboratory, hospital, and other professional furniture	2	-
	Lasts and related products	1	-
	Matches	2	-
	Mattresses and bedsprings	39	1,397
	Office furniture	3	218
	Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets	1	-
7	Envelopes	1	-
	Pulp goods (pressed, molded)	2	-
	Wallpaper	2	-
8	Books: publishing and printing	2	-
	Books: publishing without printing	3	-
	Gravure, rotogravure, and rotary photogravure (including preparation of plates)	1	-
	Greeting cards (except hand-painted)	3	41
9	Bone black, carbon black, and lampblack	1	-
	Candles	2	-
	Coal-tar products, crude and intermediate	6	241
	Essential oils	2	-
	Explosives	5	2,439
	Glue and gelatin	6	177
	Hardwood distillation and charcoal manufacture	1	-
	Linseed oil, cake, and meal	3	963
	Mucilage, paste, and other adhesives, except glue and rubber cement	3	20
	STATE OF NEW JERSEY Continued		
9	Rayon and allied products	1	-
	Soap and glycerin	19	2,480
10	Oven coke and coke-oven byproducts	2	-
11	Reclaimed rubber	4	-
	Tires and inner tubes	1	-
12	Boot and shoe cut stock and findings	6	-
	Leather gloves and mittens	1	-
	Saddlery, harness, and whips	1	-
13	Abrasive wheels, stones, paper, cloth, and related products	3	95
	Cement	1	-
	Gypsum products	2	-
	Hotel china	1	-
	Lime	3	71
	Natural graphite, ground and refined	1	-
	Nonclay refractories	4	215
	Sand-lime brick, block and tile	5	64
	Tableware, pressed or blown glass, and glassware not elsewhere classified	6	1,257
14	Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills	3	494
	Doors, window sash, frames, molding, and trim (made of metal)	2	-
	Files	3	143
	Firearms	1	-
	Malleable-iron castings	3	730
	Saws	2	-
	Steel castings	3	310
	Vitreous-enameled products, including kitchen, household, and hospital utensils	2	-
	Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills	1	-
15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	9	2,065
	Aluminum ware, kitchen, hospital, and household (except electrical appliances)	1	-
	Gold and silver leaf and foil	4	24
	Lapidary work	3	66
	Tin and other foils (except gold and silver foil)	1	-
	Watchcases	1	-
16	Carbon products for the electrical industry, and manufactures of carbon or artificial graphite	2	-
	Electrical measuring instruments	8	2,391
	Radios, radio tubes, and phonographs	17	11,803
	X-ray and therapeutic apparatus and electronic tubes	5	-
17	Agricultural machinery (except tractors)	3	38
	Blowers: exhaust and ventilating fans	3	112
	Cars and trucks, industrial	3	27
	Internal-combustion engines	2	-
	Measuring and dispensing pumps	1	-
	Mechanical power-transmission equipment	7	1,603
	Office and store machines not elsewhere classified	5	837
	Sewing machines, domestic and industrial	1	-
	Vending, amusement, and other coin-operated machines	1	-
19	Aircraft and parts, including aircraft engines	7	-
	Cars and car equipment—railroad, street, and rapid-transit	3	-
20	Artists' materials	6	58
	Beauty-shop and barber-shop equipment	3	349
	Carbon paper and inked ribbons	3	207
	Children's vehicles	1	-
	Fire extinguishers, chemical	2	-
	Hair work	1	-
	Lamp shades	3	384
	Optical instruments and lenses	1	-
	Organs	1	-
	Photographic apparatus and materials and projection equipment (except lenses)	4	951
	Piano and organ parts and materials	1	-
	Pianos	1	-
	Professional and scientific instruments (except surgical and dental)	15	1,128
	Soda fountains, beer dispensing equipment, and related products	2	-
	Surgical and medical instruments	3	496
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	13	1,477
	Tobacco pipes and cigarette holders	4	725

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE NEW YORK CITY-NEWARK-JERSEY CITY AND PHILADELPHIA-CAMDEN INDUSTRIAL AREAS, AND FOR CAMDEN, ELIZABETH, JERSEY CITY, NEWARK, PATERSON, AND TRENTON: 1939—Continued

Group No.[1]	INDUSTRY	Number of establishments	Wage earners
	NEW YORK CITY-NEWARK-JERSEY CITY INDUSTRIAL AREA		
1	Baking powder, yeast, and other leavening compound	10	542
	Blended and prepared flour made from purchased flour	3	32
	Cereal preparations	4	87
	Chewing gum	6	972
	Chocolate and cocoa products	13	1,112
	Condensed and evaporated milk	4	19
	Corn sirup, corn sugar, corn oil, and starch	2	-------
	Creamery butter	2	-------
	Custom slaughtering, wholesale	1	-------
	Flour and other grain-mill products	4	37
	Liquors, distilled	2	-------
	Malt	1	-------
	Oleomargarine—not made in meat-packing establishments	1	-------
	Vinegar and cider	2	-------
2	Cigarettes	13	1,225
	Tobacco (chewing and smoking) and snuff	11	384
3	Artificial leather and oilcloth	13	1,255
	Carpets and rugs, wool	5	4,963
	Carpet yarn, woolen and worsted	1	-------
	Cotton thread	26	-------
	Dyeing and finishing woolen and worsted	11	-------
	Felt goods, wool, hair, and jute (except woven felts and hat bodies and hats)	3	-------
	Hat bodies and hats, fur-felt	10	-------
	Hatters' fur	11	-------
	Hosiery—seamless	7	156
	Jute goods (except felt)	3	698
	Knitted gloves	3	896
	Linen goods	1	-------
	Linoleum, asphalted-felt-base and other hard-surface floor coverings, not elsewhere classified	1	-------
	Processed waste and recovered wool fibers—contract factories	2	-------
	Rayon broad woven goods—contract factories	27	842
	Silk throwing and spinning—contract factories	7	-------
	Silk yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	4	1,040
4	Belts (apparel), regardless of material	182	-------
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	128	3,350
	Embroideries, other than Schiffli-machine products—made in regular factories or by jobbers engaging contractors	34	-------
	Handkerchiefs—made in inside factories or by jobbers engaging contractors	38	-------
	Men's and boys' underwear—made in contract factories	2	-------
	Raincoats and other waterproof garments (except oiled cotton)	36	-------
	Suspenders, garters, and other goods made from purchased elastic material	31	-------
	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	149	-------
	Work gloves and mittens: cloth, cloth and leather combined	2	-------
	Work shirts	6	-------
5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	10	202
6	Cork products	21	-------
	Laboratory, hospital, and other professional furniture	18	-------
	Matches	3	-------
	Window and door screens and weather strip	19	-------
	Wood preserving	5	-------
7	Pulp goods (pressed, molded)	2	-------
	Wallpaper	2	-------
8	Gravure, rotogravure, and rotary photogravure (including preparation of plates)	8	-------
9	Bluing	1	-------
	Coal-tar products, crude and intermediate	5	-------
	Colors and pigments	30	1,563
	Explosives	1	-------
	Fish and other marine oils, cake, and meal	1	-------
	Hardwood distillation and charcoal manufacture	1	-------
	Linseed oil, cake, and meal	5	-------
	Mucilage, paste, and other adhesives, except glue and rubber cement	14	-------
	Vegetable and animal oils, not elsewhere classified	3	-------
	Writing ink	5	38
11	Tires and inner tubes	1	-------
13	Asbestos products (except steam packing and pipe and boiler covering)	7	511
	NEW YORK CITY-NEWARK-JERSEY CITY INDUSTRIAL AREA—Continued		
13	Clay products (except pottery) not elsewhere classified	1	-------
	Clay refractories, including refractory cement (clay)	6	-------
	Floor and wall tile (except quarry tile)	4	260
	Glass containers	2	-------
	Lime	2	-------
	Mineral wool	1	-------
	Nonclay refractories	3	-------
	Porcelain electrical supplies	2	-------
	Sand-lime brick, block and tile	4	-------
	Terra cotta	4	-------
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	21	325
14	Automobile stampings	2	-------
	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	11	-------
	Cast-iron pipe and fittings	2	-------
	Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills	3	494
	Enameling, japanning, and lacquering	14	114
	Files	4	-------
	Firearms	2	-------
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	11	-------
	Malleable-iron castings	2	-------
	Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills	2	-------
	Safes and vaults	1	-------
	Saws	5	120
	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	2	-------
	Steam and hot-water heating apparatus (including hot-water furnaces)	4	796
	Steel barrels, kegs, and drums	7	-------
	Steel castings	3	310
	Steel works and rolling mills	2	-------
	Vitreous enameled products, including kitchen, household, and hospital utensils	3	-------
	Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills	3	-------
15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	21	2,229
	Aluminum ware, kitchen, hospital, and household (except electrical appliances)	2	-------
	Clocks, watches, and materials and parts (except watchcases)	27	-------
	Collapsible tubes	8	-------
	Gold and silver leaf and foil	10	-------
	Lapidary work	65	-------
	Primary smelting and refining of nonferrous metals	4	-------
	Silverware and plated ware	58	1,454
	Tin and other foils (except gold and silver foil)	4	-------
16	Automotive electrical equipment	17	1,008
	Batteries, storage and primary (dry and wet)	15	1,973
	Electric lamps	26	4,839
	Insulated wire and cable	20	-------
	X-ray and therapeutic apparatus and electronic tubes	23	-------
17	Agricultural machinery (except tractors)	1	-------
	Blowers; exhaust and ventilating fans	4	-------
	Cars and trucks, industrial	3	27
	Internal-combustion engines	3	90
	Measuring and dispensing pumps	3	-------
	Mechanical power-transmission equipment	17	1,634
	Pumping equipment and air compressors	26	1,500
	Scales and balances	13	629
	Sewing machines, domestic and industrial	21	-------
	Stokers, mechanical, domestic and industrial	1	-------
	Vending, amusement, and other coin-operated machines	6	-------
	Woodworking machinery	3	188
19	Aircraft and parts, including aircraft engines	9	5,734
	Cars and car equipment—railroad, street, and rapid-transit	3	-------
	Motorcycles, bicycles, and parts	2	-------
	Shipbuilding and ship repairing	57	14,483
20	Dolls (except rubber)	74	2,101
	Fire extinguishers, chemical	5	-------
	Lamp shades	75	-------
	Musical instruments, parts, and materials not elsewhere classified	26	-------
	Ophthalmic goods: lenses and fittings	32	1,242
	Organs	1	-------
	Photographic apparatus and materials and projection equipment (except lenses)	37	2,104
	Piano and organ parts and materials	6	-------
	Pianos	13	-------
	Wool pulling	1	-------

See footnote at end of table.

TABLE 12. INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE NEW YORK CITY-NEWARK-JERSEY CITY AND PHILADELPHIA-CAMDEN INDUSTRIAL AREAS, AND FOR CAMDEN, ELIZABETH, JERSEY CITY, NEWARK, PATERSON, AND TRENTON: 1939—Continued

Group No.[1]	INDUSTRY	Number of establishments	Wage earners
	PHILADELPHIA-CAMDEN INDUSTRIAL AREA		
1	Baking powder, yeast, and other leavening compounds	1	
	Blended and prepared flour made from purchased flour	1	
	Canned and dried fruits and vegetables (including canned soups)	16	4,205
	Cereal preparations	2	-
	Chewing gum	2	
	Chocolate and cocoa products	3	479
	Condensed and evaporated milk	1	
	Cooking and other edible fats and oils, not elsewhere classified	1	
	Custom slaughtering, wholesale	1	
	Liquors, distilled	4	128
	Liquors, rectified or blended	11	
	Preserves, jams, jellies, and fruit butters	1	
	Quick-frozen foods	1	
	Special dairy products	1	-
2	Cigarettes	1	...
3	Artificial leather and oilcloth	1	
	Carpet yarn, woolen and worsted	15	2,678
	Cloth sponging and miscellaneous special finishing	12	
	Cotton thread	2	-
	Dyeing and finishing woolen and worsted	19	- -
	Felt goods, wool, hair, and jute (except woven felts and hat bodies and hats)	4	183
	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	8	279
	Hat bodies and hats, fur-felt	1	- -
	Jute goods (except felt)	1	-
	Lace goods	5	- -
	Linen goods	1	- -
	Linoleum, asphalted-felt-base and other hard-surface floor coverings, not elsewhere classified	4	1,323
	Processed waste and recovered wool fibers—contract factories	1	- - -
	Silk broad woven goods—contract factories	1	- - - -
	Silk broad woven goods—regular factories or jobbers engaging contractors	1	- - - - - -
4	Children's and infants' wear not elsewhere classified—made in contract factories	1	- - - - - - -
	Children's coats—made in contract factories	2	- - - - - -
	Children's coats—made in inside factories or by jobbers engaging contractors	3	73
	Clothing, leather and sheep-lined	3	- - - - - -
	Curtains, draperies, and bedspreads—contract factories	2	- - - -
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	10	498
	Embroideries, other than Schiffli-machine products—made in regular factories or by jobbers engaging contractors	3	- - -
	Men's neckwear—made in contract factories	1	
	Men's neckwear—made in inside factories or by jobbers engaging contractors	21	427
	Raincoats and other waterproof garments (except oiled cotton)	3	77
	Suspenders, garters, and other goods made from purchased elastic material	2	- - -
	Textile bags—not made in textile mills	8	- -
	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	7	115
	Women's neckwear, scarfs, etc	3	43
	Work gloves and mittens: cloth, cloth and leather combined	2	
	Work shirts	1	-
6	Cork products	1	
	Laboratory, hospital, and other professional furniture	6	26
	Lasts and related products	2	- -
	Mirror frames and picture frames	10	- -
	Public-building furniture	2	
	Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets	1	
	Venetian blinds	2	
	Window and door screens and weatherstrip	3	95
	Wood preserving	1	
7	Envelopes	12	
	Paper bags, except those made in paper mills	8	- -
8	Engraving (steel, copperplate, and wood); plate printing	26	755
	Periodicals—publishing and printing	27	2,945
9	Bluing	2	
	Bone black, carbon black, and lampblack	3	60
	Candles	2	- -
	Coal-tar products, crude and intermediate	3	
	Explosives	1	-
	Linseed oil, cake, and meal	2	
	Mucilage, paste, and other adhesives, except glue and rubber cement	6	
	Plastic materials	2	-
	Rag-U and allied products	2	
	Writing ink	1	- - -
	PHILADELPHIA-CAMDEN INDUSTRIAL AREA—Continued		
10	Oven coke and coke-oven byproducts	3	927
	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	3	232
11	Reclaimed rubber	1	- - - - -
	Tires and inner tubes	2	- - - - -
12	Leather: tanned, curried, and finished—contract factories	3	- - - - - -
	Saddlery, harness, and whips	2	- - - - - -
	Small leather goods	5	- - - - -
13	Asbestos products (except steam packing and pipe and boiler covering)	7	588
	Cement	1	- - - - -
	Clay products (except pottery) not elsewhere classified	1	- - - -
	Floor and wall tile (except quarry tile)	3	-
	Glass containers	1	- -
	Gypsum products	1	- -
	Nonclay refractories	3	406
	Sand-lime brick, block and tile	2	- - - -
	Tableware, pressed or blown glass, and glassware not elsewhere classified	2	- - - -
	Terra cotta	2	- -
	Vitreous-china plumbing fixtures	1	- - -
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	5	- - - - -
14	Automobile stampings	1	- - - - -
	Blast-furnace products	1	- - - - -
	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	7	258
	Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills	2	-
	Doors, window sash, frames, molding, and trim (made of metal)	2	- - - - -
	Enameling, japanning, and lacquering	2	- - - -
	Firearms	1	- - -
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	3	246
	Heating and cooking apparatus, except electric, not elsewhere classified	6	376
	Malleable-iron castings	1	- -
	Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills	1	- - - - -
	Safes and vaults	1	- - - - -
	Saws	2	- - - - -
	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	3	176
	Steel barrels, kegs, and drums	3	-
	Vitreous enameled products, including kitchen, household, and hospital utensils	2	
	Wire drawn from purchased rods	2	-
	Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills	1	- - - - -
15	Clocks, watches, and materials and parts (except watchcases)	1	- -
	Collapsible tubes	1	-
	Engraving on metal (except for printing purposes)	2	- -
	Gold and silver leaf and foil	3	141
	Secondary smelting and refining, gold, silver, and platinum	3	
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	6	- -
	Silverware and plated ware	6	-
	Watchcases	1	- -
16	Automotive electrical equipment	1	
	Batteries, storage and primary (dry and wet)	5	2,080
	Carbon products for the electrical industry, and manufactures of carbon or artificial graphite	2	
	Electrical measuring instruments	3	35
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	13	2,051
	Insulated wire and cable	4	-
	Radios, radio tubes, and phonographs	2	-
	X-ray and therapeutic apparatus and electronic tubes	3	12
17	Blowers, exhaust and ventilating fans	2	
	Cars and trucks, industrial	2	-
	Commercial laundry, dry-cleaning, and pressing machinery	2	-
	Internal-combustion engines	2	
	Machine tools	7	459
	Measuring and dispensing pumps	1	-
	Mining machinery and equipment	1	
	Office and store machines not elsewhere classified	3	25
	Paper-mill, pulp-mill, and paper-products machinery	11	
	Printing-trades machinery and equipment	9	407
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	16	181
	Scales and balances	4	- -
	Steam engines, turbines, and water wheels	2	
	Vending, amusement, and other coin-operated machines	1	-

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE NEW YORK CITY-NEWARK-JERSEY CITY AND PHILADELPHIA-CAMDEN INDUSTRIAL AREAS, AND FOR CAMDEN, ELIZABETH, JERSEY CITY, NEWARK, PATERSON, AND TRENTON: 1939—Continued

Group No.[1]	INDUSTRY	Number of establishments	Wage earners
	PHILADELPHIA-CAMDEN INDUSTRIAL AREA—Continued		
18	Automobile trailers (for attachment to passenger cars)	1	----
19	Cars and car equipment—railroad, street, and rapid-transit	4	1,256
	Locomotives (including frames) and parts: railroad, mining, and industrial	1	----
	Motorcycles, bicycles, and parts	1	----
	Shipbuilding and ship repairing	14	10,173
	Transportation equipment not elsewhere classified	2	----
20	Artists' materials	2	----
	Beauty-shop and barber-shop equipment	2	----
	Carbon paper and inked ribbons	3	126
	Children's vehicles	1	----
	Costume jewelry and costume novelties (jewelry other than fine jewelry)	1	----
	Dolls (except rubber)	1	----
	Fire extinguishers, chemical	1	----
	Furs, dressed and dyed	3	40
	Hair work	4	----
	Jewelry cases and instrument cases	7	----
	Musical instruments, parts, and materials not elsewhere classified	1	----
	Needles, pins, hooks and eyes, and slide and snap fasteners	4	466
	Ophthalmic goods: lenses and fittings	2	----
	Optical instruments and lenses	1	----
	Organs	1	----
	Pencils (except mechanical) and crayons	2	----
	Pens, mechanical pencils, and pen points	4	619
	Photographic apparatus and materials and projection equipment (except lenses)	7	----
	Piano and organ parts and materials	1	----
	Pianos	1	----
	Soda fountains, beer dispensing equipment, and related products	2	----
	Wool pulling	5	----
	CAMDEN		
1	Candy and other confectionery products	2	----
	Canned and dried fruits and vegetables (including canned soups)	1	----
	Cheese	1	----
	Chocolate and cocoa products	1	----
	Flavoring extracts and flavoring sirups, not elsewhere classified	1	----
	Food preparations, not elsewhere classified	1	----
	Malt liquors	1	----
	Meat packing, wholesale	2	----
	Poultry dressing and packing, wholesale	1	----
2	Cigars	3	1,824
3	Cloth sponging and miscellaneous special finishing	2	----
	Cotton broad woven goods	1	----
	Dyeing and finishing woolen and worsted	1	----
	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	1	----
	Linoleum, asphalted-felt-base and other hard-surface floor coverings, not elsewhere classified	1	----
	Woolen and worsted manufactures—contract factories	2	----
	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	2	----
4	Children's coats—made in contract factories	1	----
	Children's dresses—made in inside factories or by jobbers engaging contractors	1	----
	Coats, suits, and skirts (except fur coats)—made in contract factories	4	295
	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	2	----
	Corsets and allied garments	1	----
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	2	----
	Textile bags—not made in textile mills	1	----
	Women's and misses' dresses (except house dresses)—made in contract factories	1	----
	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	2	----
5	Planing mills not operated in conjunction with sawmills	2	----
6	Cork products	1	----
	Mattresses and bedsprings	1	----
	Partitions, shelving, cabinet work, and office and store fixtures	1	----
	Upholstered household furniture	1	----
	Window shades	2	----
	Wooden boxes except cigar boxes	1	----
	Wood products not elsewhere classified	1	----
7	Coated and glazed paper	2	----
	Paper and paperboard mills	2	----
	CAMDEN—Continued		
8	Bookbinding and related industries	4	303
	Books: printing without publishing	1	----
	Electrotyping and stereotyping, not done in printing establishments	2	----
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	3	108
	Machine and hand typesetting (including advertisement typesetting)	2	----
	Newspapers: publishing and printing	3	118
	Newspapers: publishing without printing	1	----
	Periodicals: publishing without printing	1	----
	Photoengraving, not done in printing establishments (including preparation of plates)	1	----
9	Bone black, carbon black, and lampblack	1	----
	Chemicals not elsewhere classified	1	----
	Cleaning and polishing preparations, blackings, and dressings	4	431
	Colors and pigments	2	----
	Drugs and medicines (including drug grinding)	2	----
	Fertilizers	1	----
	Glue and gelatin	1	----
	Insecticides, fungicides, and related industrial and household chemical compounds	2	----
	Plastic materials	1	----
	Printing ink	1	----
	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	2	----
10	Oven coke and coke-oven byproducts	1	----
12	Industrial leather belting and packing leather	1	----
	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	4	----
13	Steam and other packing; pipe and boiler covering	1	----
	Vitreous-china plumbing fixtures	1	----
14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	1	----
	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	4	48
	Forgings, iron and steel—made in plants not operated in connection with rolling mills	1	----
	Gray-iron and semisteel castings	1	----
	Oil burners, domestic and industrial	1	----
	Steam fittings, regardless of material	1	----
	Tin cans and other tinware not elsewhere classified	3	419
	Wirework not elsewhere classified	3	91
15	Electroplating, plating, and polishing	1	----
	Nonferrous-metal foundries (except aluminum)	1	----
	Nonferrous-metal products not elsewhere classified	1	----
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	1	----
16	Communication equipment	1	----
	Electrical products not elsewhere classified	1	----
	Radios, radio tubes, and phonographs	1	----
	Wiring devices and supplies	1	----
17	Blowers; exhaust and ventilating fans	1	----
	Food-products machinery	1	----
	Industrial machinery, not elsewhere classified	1	----
	Machine-shop products, not elsewhere classified	1	----
	Machine-shop repairs	2	----
	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	1	----
	Paper-mill, pulp-mill, and paper-products machinery	1	----
	Printing-trades machinery and equipment	1	----
	Pumping equipment and air compressors	1	----
18	Motor vehicles, motor-vehicle bodies, parts and accessories	1	----
19	Shipbuilding and ship repairing	6	4,351
20	Brooms	1	----
	Buttons	1	----
	Hair work	1	----
	Models and patterns (except paper patterns)	3	10
	Pens, mechanical pencils, and pen points	2	----
	ELIZABETH		
1	Biscuit, crackers, and pretzels	2	----
	Candy and other confectionery products	2	----
	Ice cream and ices	2	----
	Ice, manufactured	1	----
	Liquors, rectified or blended	1	----
	Malt liquors	1	----
	Pickled fruits and vegetables and vegetable sauces and seasonings	1	----
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	3	7

See footnote at end of table.

TABLE 12. INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE NEW YORK CITY-NEWARK-JERSEY CITY AND PHILADELPHIA-CAMDEN INDUSTRIAL AREAS, AND FOR CAMDEN, ELIZABETH, JERSEY CITY, NEWARK, PATERSON, AND TRENTON: 1939—Continued

Group No.[1]	INDUSTRY	Number of establishments	Wage earners
	ELIZABETH—Continued		
3	Dyeing and finishing cotton, rayon, silk, and linen textiles	1	
	Knitted cloth	1	
	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	1	
	Rayon narrow fabrics	1	
	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	1	
4	Canvas products (except bags)	1	
	Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors	2	
	Children's coats—made in inside factories or by jobbers engaging contractors	1	
	Corsets and allied garments	1	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	1	
	Textile bags—not made in textile mills	1	
	Trousers (semidress), wash suits, and washable service apparel	2	
	Women's and misses' clothing, not elsewhere classified—made in contract factories	1	
	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	2	
	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	1	
	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	1	
5	Planing mills not operated in conjunction with sawmills	1	
6	Household furniture, except upholstered	1	
	Matches	1	
	Partitions, shelving, cabinet work, and office and store fixtures	1	
	Wood preserving	1	
	Coated and glazed paper	2	
	Converted paper products not elsewhere classified	2	
	Paper and paperboard mills	2	
	Paper bags, except those made in paper mills	1	
	Paperboard containers and boxes not elsewhere classified	1	
8	Bookbinding and related industries	2	
	Greeting cards (except hand-painted)	1	
	Machine and hand typesetting (including advertisement typesetting)	2	
	Newspapers: publishing and printing	1	
	Newspapers: publishing without printing	1	
9	Chemicals not elsewhere classified	3	47
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	1	
	Grease and tallow (except lubricating greases)	1	
	Insecticides, fungicides, and related industrial and household chemical compounds	2	
	Lubricating oils and greases—not made in petroleum refineries	3	61
	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	1	
	Vegetable and animal oils, not elsewhere classified	1	
10	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	1	
11	Rubber products not elsewhere classified	1	
12	Boot and shoe cut stock and findings	1	
	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	1	
13	Concrete products	1	
	Lime	1	
	Steam and other packing; pipe and boiler covering	2	
14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	1	
	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	3	22
	Files	1	
	Gray-iron and semisteel castings	2	
	Oil burners, domestic and industrial	1	
	Steam and hot-water heating apparatus (including hot-water furnaces)	1	
	Steel castings	1	
15	Alloying and rolling and drawing of nonferrous metals, except aluminum	3	1,243
	Electroplating, plating, and polishing	1	
	Lighting fixtures	1	
	Sheet-metal work not specifically classified	2	
16	Communication equipment	1	
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	1	
	Wiring devices and supplies	1	
17	Construction and similar machinery (except mining and oil-field machinery and tools)	1	
	Industrial machinery, not elsewhere classified	1	
	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	3	36
	Printing-trades machinery and equipment	1	
	Sewing machines, domestic and industrial	1	
	Special-industry machinery, not elsewhere classified	1	
20	Games and toys (except dolls and children's vehicles)	1	
	Hand stamps, stencils, and brands	1	
	Models and patterns (except paper patterns)	1	
	Signs, advertising displays, and advertising novelties	1	
	Sporting and athletic goods not elsewhere classified	1	
	Umbrellas, parasols, and canes	2	
	JERSEY CITY		
1	Biscuit, crackers, and pretzels	1	
	Blended and prepared flour made from purchased flour	1	
	Candy and other confectionery products	2	
	Canned and dried fruits and vegetables (including canned soups)	1	
	Flavoring extracts and flavoring sirups, not elsewhere classified	3	16
	Flour and other grain-mill products	1	
	Food preparations, not elsewhere classified	6	55
	Ice, manufactured	2	
	Macaroni, spaghetti, vermicelli, and noodles	3	265
	Pickled fruits and vegetables and vegetable sauces and seasonings	2	
	Prepared feeds (including mineral) for animals and fowls	1	
	Salad dressings	1	
	Special dairy products	1	
	Wines	1	
2	Cigarettes	2	
	Cigars	4	
3	Cloth sponging and miscellaneous special finishing	2	
	Cordage and twine	1	
	Cotton broad woven goods	3	96
	Cotton narrow fabrics	1	
	Dyeing and finishing cotton, rayon, silk, and linen textiles	2	
	Felt goods, wool, hair, and jute (except woven felts and hat bodies and hats)	1	
	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	4	170
	Knitted cloth	1	
	Knitted outerwear (except knit gloves)—contract factories	1	
	Lace goods	1	
	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	1	
	Woolen and worsted manufactures—contract factories	1	
4	Canvas products (except bags)	1	
	Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors	1	
	Children's coats—made in inside factories or by jobbers engaging contractors	2	
	Children's dresses—made in contract factories	1	
	Clothing, leather and sheep-lined	1	
	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	2	
	Corsets and allied garments	2	
	Dress and semidress gloves and mittens: cloth, cloth and leather combined	1	
	Fur coats and other fur garments, accessories, and trimmings	1	
	Handkerchiefs—made in inside factories or by jobbers engaging contractors	1	
	House dresses, uniforms, and aprons—made in contract factories	1	
	Housefurnishings (except curtains, draperies, and bedspreads)	1	
	Men's and boys' hats and caps (except felt and straw)	2	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	1	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	3	66
	Men's neckwear—made in inside factories or by jobbers engaging contractors	1	
	Robes, lounging garments, and dressing gowns	4	96
	Textile bags—not made in textile mills	2	

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE NEW YORK CITY-NEWARK-JERSEY CITY AND PHILADELPHIA-CAMDEN INDUSTRIAL AREAS, AND FOR CAMDEN, ELIZABETH, JERSEY CITY, NEWARK, PATERSON, AND TRENTON: 1939—Continued

Group No.[1]	INDUSTRY	Number of establishments	Wage earners
	JERSEY CITY—Continued		
4	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories	1	
	Women's and misses' clothing, not elsewhere classified—made in contract factories	1	
	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics	1	
	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	2	
6	Caskets, coffins, burial cases, and other morticians' goods	2	
	Cooperage	3	78
	Cork products	2	
	Household furniture, except upholstered	1	
	Office furniture	1	
	Partitions, shelving, cabinet work, and office and store fixtures	2	
	Upholstered household furniture	2	
	Venetian blinds	1	
	Window and door screens and weather strip	1	
	Window shades	1	
	Wooden boxes except cigar boxes	2	
	Wood products not elsewhere classified	1	
7	Converted paper products not elsewhere classified	1	
	Die-cut paper and paperboard, and converted cardboard	2	
	Fiber cans, tubes, and similar products	2	
8	Bookbinding and related industries	6	244
	Books: printing without publishing	3	812
	Engraving (steel, copperplate, and wood); plate printing	1	
	Machine and hand typesetting (including advertisement typesetting)	1	
	Newspapers: publishing and printing	3	109
	Newspapers: publishing without printing	1	
	Periodicals: publishing and printing	1	
9	Cleaning and polishing preparations, blackings, and dressings	2	
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	1	
	Glue and gelatin	1	
	Grease and tallow (except lubricating greases)	1	
	Lubricating oils and greases—not made in petroleum refineries	2	
	Printing ink	1	
	Soap and glycerin	3	1,807
	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	6	104
	Vegetable and animal oils, not elsewhere classified	1	
10	Petroleum refining	1	
	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	1	
12	Boot and shoe cut stock and findings	1	
	Leather gloves and mittens	1	
	Leather goods not elsewhere classified	3	74
	Small leather goods	2	
	Women's pocketbooks, handbags, and purses	2	
13	Abrasive wheels, stones, paper, cloth, and related products	1	
	Clay refractories, including refractory cement (clay)	1	
	Concrete products	2	
	Glass containers	1	
	Minerals and earths, ground or otherwise treated	1	
	Nonclay refractories	2	
	Statuary and art goods (except stone and concrete)—factory production	4	
	Steam and other packing; pipe and boiler covering	2	
14	Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills	1	
	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	1	
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semi-vitreous china sanitary ware)	2	
	Forgings, iron and steel—made in plants not operated in connection with rolling mills	3	48
	Oil burners, domestic and industrial	1	
	Stamped and pressed metal products (except automobile stampings)	2	
	Steel barrels, kegs, and drums	1	
	Steel works and rolling mills	1	
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	3	133
	Tin cans and other tinware not elsewhere classified	2	
	Vitreous enameled products, including kitchen, household, and hospital utensils	1	
	JERSEY CITY—Continued		
15	Clocks, watches, and materials and parts (except watchcases)	1	
	Lighting fixtures	1	
	Nonferrous-metal foundries (except aluminum)	3	31
	Nonferrous-metal products not elsewhere classified	3	112
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	1	
	Sheet-metal work not specifically classified	3	20
	Silverware and plated ware	2	
16	Communication equipment	1	
	Electrical products not elsewhere classified	1	
	Electric lamps	1	
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	2	
17	Elevators, escalators, and conveyors	1	
	Industrial machinery, not elsewhere classified	3	438
	Internal-combustion engines	1	
	Machine-shop repairs	2	
	Metalworking machinery and equipment, not elsewhere classified	1	
	Printing-trades machinery and equipment	1	
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	1	
	Scales and balances	2	
	Textile machinery	2	
18	Motor vehicles, motor-vehicles bodies, parts and accessories	3	
20	Artists' materials	1	
	Beauty-shop and barber-shop equipment	1	
	Brooms	1	
	Costume jewelry and costume novelties (jewelry other than fine jewelry)	1	
	Dental equipment and supplies	1	
	Dolls (except rubber)	1	
	Feathers, plumes, and artificial flowers	1	
	Furs, dressed and dyed	2	
	Lamp shades	1	
	Musical instruments, parts, and materials not elsewhere classified	1	
	Pencils (except mechanical) and crayons	4	618
	Professional and scientific instruments (except surgical and dental)	1	
	Sporting and athletic goods not elsewhere classified	1	
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	1	
	Tobacco pipes and cigarette holders	2	
	NEWARK		
1	Baking powder, yeast, and other leavening compounds	1	
	Candy and other confectionery products	3	8
	Cheese	1	
	Chewing gum	2	
	Chocolate and cocoa products	2	
	Cooking and other edible fats and oils, not elsewhere classified	1	
	Cured fish	1	
	Flavoring extracts and flavoring sirups, not elsewhere classified	1	
	Liquors, rectified or blended	1	
	Macaroni, spaghetti, vermicelli, and noodles	1	
	Pickled fruits and vegetables and vegetable sauces and seasonings	3	44
	Preserves, jams, jellies, and fruit butters	1	
	Salad dressings	1	
	Vinegar and cider	1	
	Wines	1	
2	Cigars	10	
	Tobacco (chewing and smoking) and snuff	1	
3	Batting, padding, and wadding; upholstery filling	1	
	Carpets and rugs, wool	1	
	Cotton narrow fabrics	1	
	Cotton thread	1	
	Felt goods, wool, hair, and jute (except woven felts and hat bodies and hats)	2	
	Hat bodies and hats, fur-felt	2	
	Hatters' fur	7	
	Hosiery—full-fashioned	1	
	Knitted cloth	1	
	Knitted outerwear (except knit gloves)—contract factories	1	
	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	1	
	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	1	

See footnote at end of table.

TABLE 12. INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE NEW YORK CITY-NEWARK-JERSEY CITY AND PHILADELPHIA-CAMDEN INDUSTRIAL AREAS, AND FOR CAMDEN, ELIZABETH, JERSEY CITY, NEWARK, PATERSON, AND TRENTON: 1939—Continued

Group No.[1]	INDUSTRY	Number of establishments	Wage earners
	NEWARK—Continued		
4	Belts (apparel), regardless of material	1	
	Canvas products (except bags)	3	108
	Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors	3	423
	Children's coats—made in contract factories	2	
	Children's coats—made in inside factories or by jobbers engaging contractors	1	
	Clothing, leather and sheeplined	2	
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	1	
	Dress and semidress gloves and mittens; cloth, cloth and leather combined	1	
	Fur coats and other fur garments, accessories, and trimmings	1	
	Handkerchiefs—made in inside factories or by jobbers engaging contractors	2	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	3	319
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in contract factories	1	
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	2	
	Men's and boys' underwear—made in inside factories or by jobbers engaging contractors	1	
	Millinery	1	
	Raincoats and other waterproof garments (except oiled cotton)	1	
	Textile bags—not made in textile mills	1	
	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories	1	
	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	1	
	Trousers (semidress), wash suits, and washable service apparel	2	
	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	2	
	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	3	67
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	1	
6	Caskets, coffins, burial cases, and other morticians' goods	3	81
	Cigar boxes: wooden, part wooden	1	
	Cooperage	1	
	Cork products	1	
	Laboratory, hospital, and other professional furniture	1	
	Matches	1	
	Mirror frames and picture frames	1	
	Office furniture	1	
	Public-building furniture	1	
	Window and door screens and weather strip	2	
7	Coated and glazed paper	2	
	Converted paper products not elsewhere classified	1	
	Fiber cans, tubes, and similar products	1	
	Paper and paperboard mills	1	
	Paper bags, except those made in paper mills	3	138
	Pulp goods (pressed, molded)	1	
8	Books: printing without publishing	6	112
	Books: publishing without printing	2	
	Electrotyping and stereotyping, not done in printing establishments	4	
	Newspapers: publishing without printing	1	
	Periodicals: publishing and printing	2	
	Periodicals: publishing without printing	4	9
9	Coal-tar products, crude and intermediate	3	165
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	4	76
	Mucilage, paste, and other adhesives, except glue and rubber cement	2	
	Plastic materials	1	
	Printing ink	5	53
	Soap and glycerin	3	22
10	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	3	16
12	Boot and shoe cut stock and findings	1	
	Footwear (except rubber)	2	
	Industrial leather belting and packing leather	3	8
	Leather goods not elsewhere classified	7	258
	Saddlery, harness, and whips	1	
	Small leather goods	1	
	Women's pocketbooks, handbags, and purses	2	
13	Gypsum products	1	
	Pottery products not elsewhere classified	1	
	Steam and other packing; pipe and boiler covering	1	
	Tableware, pressed or blown glass, and glassware not elsewhere classified	1	
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	1	
	NEWARK—Continued		
14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	2	
	Cast-iron pipe and fittings	1	
	Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills	1	
	Doors, window sash, frames, molding, and trim (made of metal)	1	
	Enameling, japanning, and lacquering	3	
	Firearms	1	
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	2	
	Gray-iron and semisteel castings	3	121
	Malleable-iron castings	2	
	Oil burners, domestic and industrial	2	
	Power boilers and associated products	3	70
	Saws	1	
	Steam fittings, regardless of material	4	184
	Steel barrels, kegs, and drums	1	
	Steel castings	2	
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	2	
	Tin cans and other tinware not elsewhere classified	1	
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	4	55
	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	2	
	Aluminum ware, kitchen, hospital, and household (except electrical appliances)	1	
	Clocks, watches, and materials and parts (except watchcases)	1	
	Collapsible tubes	1	
	Engraving on metal (except for printing purposes)	3	
	Jewelers' findings and materials	6	
	Jewelry (precious metals)	62	1,227
	Lapidary work	1	
	Lighting fixtures	5	186
	Secondary smelting and refining, gold, silver, and platinum	12	
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	2	
16	Automotive electrical equipment	1	
	Batteries, storage and primary (dry and wet)	1	
	Communication equipment	7	218
	Electrical measuring instruments	2	
	Electric lamps	10	1,766
	Radios, radio tubes, and phonographs	9	1,908
	Wiring devices and supplies	2	
	X-ray and therapeutic apparatus and electronic tubes	3	
17	Blowers; exhaust and ventilating fans	1	
	Cars and trucks, industrial	1	
	Internal-combustion engines	1	
	Machine tools	2	
	Measuring and dispensing pumps	1	
	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	2	
	Mechanical power-transmission equipment	2	
	Metalworking machinery and equipment, not elsewhere classified	7	1,142
	Scales and balances	2	
	Special-industry machinery, not elsewhere classified	2	
	Vending, amusement, and other coin-operated machines	1	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	12	604
19	Aircraft and parts, including aircraft engines	1	
	Boat building and boat repairing	1	
20	Artists' materials	2	
	Beauty-shop and barber-shop equipment	1	
	Costume jewelry and costume novelties (jewelry other than fine jewelry)	2	
	Dental equipment and supplies	2	
	Dolls (except rubber)	1	
	Fire extinguishers, chemical	1	
	Furs, dressed and dyed	6	790
	Hand stamps, stencils, and brands	10	51
	Jewelry cases and instrument cases	3	63
	Miscellaneous fabricated products not elsewhere classified	9	486
	Needles, pins, hooks and eyes, and slide and snap fasteners	2	
	Pens, mechanical pencils, and pen points	2	
	Photographic apparatus and materials and projection equipment (except lenses)	1	
	Pianos	1	
	Professional and scientific instruments (except surgical and dental)	3	17
	Soda fountains, beer dispensing equipment, and related products	1	
	Surgical and medical instruments	1	
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	2	
	Umbrellas, parasols, and canes	2	

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE NEW YORK CITY-NEWARK-JERSEY CITY AND PHILADELPHIA-CAMDEN INDUSTRIAL AREAS, AND FOR CAMDEN, ELIZABETH, JERSEY CITY, NEWARK, PATERSON, AND TRENTON: 1939—Continued

Group No.[1]	INDUSTRY	Number of establishments	Wage earners
	PATERSON		
1	Cereal preparations	1	
	Cured fish	1	
	Flavoring extracts and flavoring sirups, not elsewhere classified	1	
	Food preparations, not elsewhere classified	1	
	Ice cream and ices	4	51
	Malt	1	
	Malt liquors	1	
	Meat packing, wholesale	1	
	Wines	1	
2	Cigars	1	
	Tobacco (chewing and smoking) and snuff	1	
3	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	2	
	Cloth sponging and miscellaneous special finishing	1	
	Cotton broad woven goods	2	
	Cotton yarn	2	
	Hatters' fur	1	
	Jute goods (except felt)	1	
	Knitted cloth	1	
	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	1	
	Lace goods	3	166
	Linen goods	1	
	Rayon yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	4	136
	Silk throwing and spinning—contract factories	5	273
	Silk yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	1	
	Woolen and worsted manufactures—contract factories	1	
	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	1	
4	Canvas products (except bags)	1	
	Children's and infants' wear not elsewhere classified—made in contract factories	1	
	Children's coats—made in inside factories or by jobbers engaging contractors	1	
	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	1	
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	1	
	House dresses, uniforms, and aprons—made in contract factories	2	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	2	
	Men's and boys' hats and caps (except felt and straw)	1	
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in contract factories	1	
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	4	1,082
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	1	
	Miscellaneous fabricated textile products not elsewhere classified	1	
	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors	1	
	Women's and misses' clothing, not elsewhere classified—made in contract factories	1	
	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	1	
	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	4	1,395
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	3	39
5	Planing mills not operated in conjunction with sawmills	3	54
	Plywood mills	1	
6	Caskets, coffins, burial cases, and other morticians' goods	1	
	Household furniture, except upholstered	2	
	Mattresses and bedsprings	3	5
	Mirror frames and picture frames	1	
	Partitions, shelving, cabinet work, and office and store fixtures	1	
	Venetian blinds	1	
	Window and door screens and weather strip	1	
	Wood products not elsewhere classified	2	
7	Converted paper products not elsewhere classified	1	
	Die-cut paper and paperboard, and converted cardboard	6	62
	Wallpaper	1	
8	Bookbinding and related industries	2	
	Books: printing without publishing	1	
	Machine and hand typesetting (including advertisement typesetting)	1	
	PATERSON—Continued		
8	Newspapers: publishing without printing	1	
	Periodicals: publishing and printing	1	
	Periodicals: publishing without printing	1	
	Photoengraving, not done in printing establishments (including preparation of plates)	1	
9	Chemicals not elsewhere classified	1	
	Colors and pigments	2	
	Drugs and medicines (including drug grinding)	1	
	Glue and gelatin	1	
	Hardwood distillation and charcoal manufacture	1	
	Perfumes, cosmetics, and other toilet preparations	3	119
	Soap and glycerin	3	10
	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	3	28
11	Rubber products not elsewhere classified	1	
12	Boot and shoe cut stock and findings	1	
	Industrial leather belting and packing leather	1	
	Suitcases, brief cases, bags, trunks, and other luggage	1	
	Women's pocketbooks, handbags, and purses	1	
13	Asbestos products (except steam packing and pipe and boiler covering)	2	
	Concrete products	1	
	Mirrors and other glass products made of purchased glass	2	
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	1	
14	Doors, window sash, frames, molding, and trim (made of metal)	1	
	Gray-iron and semisteel castings	3	358
	Heating and cooking apparatus, except electric, not elsewhere classified	1	
	Power boilers and associated products	2	
15	Electroplating, plating, and polishing	2	
	Nonferrous-metal foundries (except aluminum)	1	
	Nonferrous-metal products not elsewhere classified	1	
16	Electrical appliances	1	
	Insulated wire and cable	1	
17	Industrial machinery, not elsewhere classified	2	
	Machine-shop products, not elsewhere classified	3	31
	Machine-shop repairs	2	
	Mechanical power-transmission equipment	1	
	Printing-trades machinery and equipment	1	
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	2	
	Special-industry machinery, not elsewhere classified	1	
19	Aircraft and parts, including aircraft engines	1	
20	Brushes	1	
	Furs, dressed and dyed	1	
	Lamp shades	1	
	Pencils (except mechanical) and crayons	1	
	Professional and scientific instruments (except surgical and dental)	1	
	Sporting and athletic goods not elsewhere classified	1	
	TRENTON		
1	Biscuit, crackers, and pretzels	3	44
	Candy and other confectionery products	1	
	Canned and dried fruits and vegetables (including canned soups)	1	
	Ice cream and ices	2	
	Malt liquors	1	
	Meat packing, wholesale	5	43
	Pickled fruits and vegetables, and vegetable sauces and seasonings	1	
	Prepared feeds (including mineral) for animals and fowls	1	
2	Cigars	3	2,249
3	Cotton yarn	1	
	Hosiery—full-fashioned	1	
	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	2	
4	Canvas products (except bags)	1	
	Children's dresses—made in inside factories or by jobbers engaging contractors	1	
	Clothing, leather and sheep-lined	1	
	Men's and boys' hats and caps (except felt and straw)	2	
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	3	55
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	2	

See footnote at end of table.

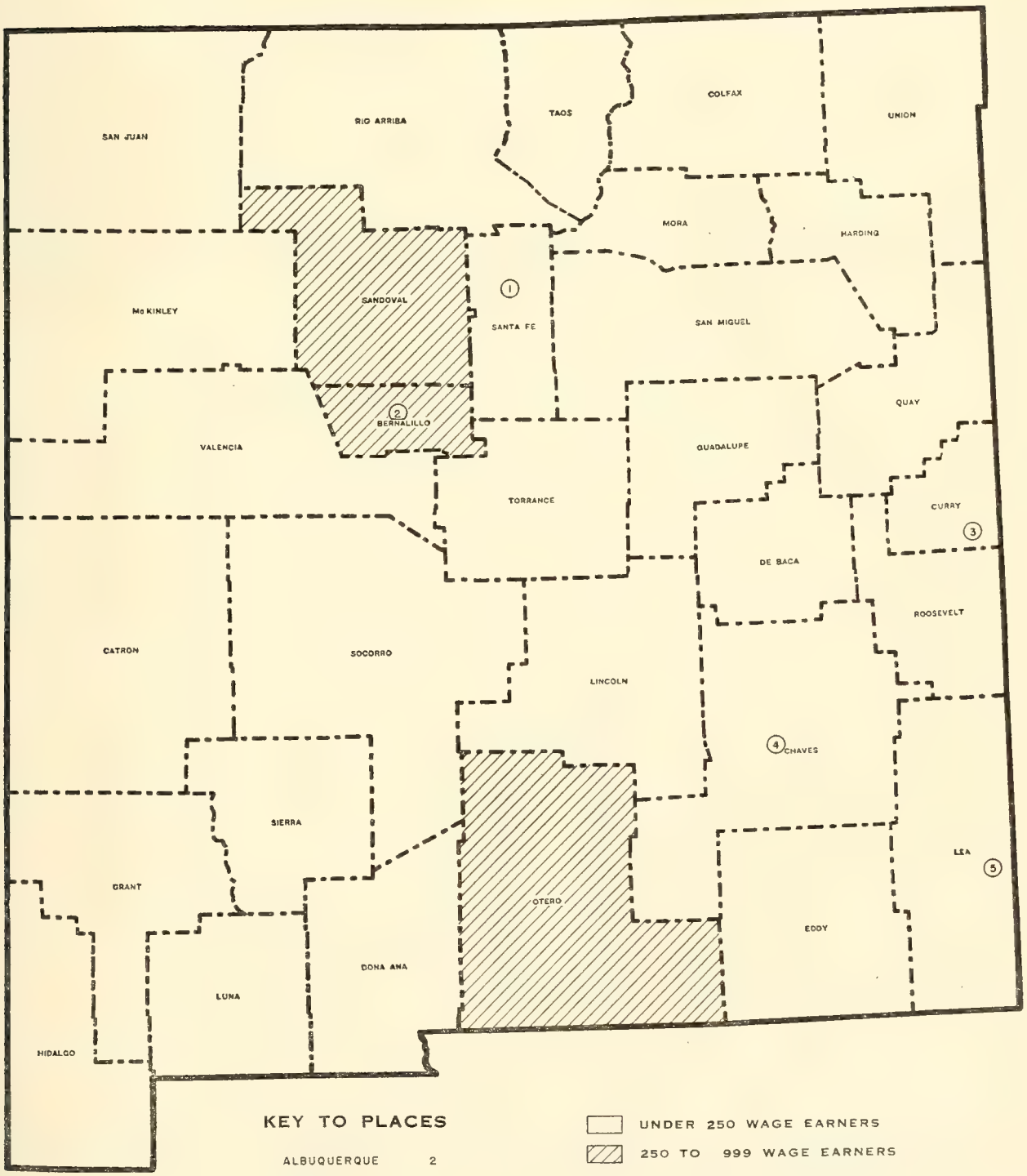
TABLE 12. INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE NEW YORK CITY-NEWARK-JERSEY CITY AND PHILADELPHIA-CAMDEN INDUSTRIAL AREAS, AND FOR CAMDEN, ELIZABETH, JERSEY CITY, NEWARK, PATERSON, AND TRENTON: 1939—Continued

Group No.[1]	INDUSTRY	Number of establishments	Wage earners
	TRENTON—Continued		
4	Millinery	1	
	Trousers (semidress), wash suits, and washable service apparel	1	
	Women's and misses' blouses and waists, made in contract factories	2	
	Women's and misses' dresses (except house dresses), made in contract factories	1	
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	1	
	Work shirts	1	
5	Planing mills not operated in conjunction with sawmills	1	
6	Household furniture, except upholstered	1	
	Upholstered household furniture	2	
	Venetian blinds	1	
	Wooden boxes, except cigar boxes	2	
7	Fiber cans, tubes, and similar products	1	
	Paperboard containers and boxes not elsewhere classified	2	
8	Bookbinding and related industries	1	
	Books, printing without publishing	2	
	Engraving (steel, copperplate, and wood), plate printing	2	
	Newspapers, publishing and printing	2	
	Newspapers, publishing without printing	2	
	Periodicals: publishing without printing	1	
	Photoengraving, not done in printing establishments (including preparation of plates)	1	
9	Chemicals not elsewhere classified	1	
	Cleaning and polishing preparations, blackings, and dressings	1	
	Colors and pigments	1	
	Fertilizers	1	
	Paints, varnishes, and lacquers	1	
10	Paving blocks and paving mixtures, asphalt, creosoted wood, and composition	1	
11	Reclaimed rubber	1	
12	Women's pocketbooks, handbags, and purses	2	
13	Clay refractories, including refractory cement (clay)	2	
	Concrete products	1	
	Hotel china	1	
	Minerals and earths, ground or otherwise treated	1	
	Mineral wool	1	
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	1	
	Nonclay refractories	1	
	Pottery products not elsewhere classified	5	583
	Vitreous-china plumbing fixtures	2	
	TRENTON—Continued		
14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semi-vitreous china sanitary ware)	1	
	Fabricated structural steel and ornamental metalwork, made in plants not operated in connection with rolling mills	3	400
	Forgings, iron and steel, made in plants not operated in connection with rolling mills	1	
	Gray-iron and semisteel castings	1	
	Hardware not elsewhere classified	1	
	Steel works and rolling mills	1	
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	1	
	Tin cans and other tinware not elsewhere classified	1	
	Vitreous enameled products, including kitchen, household, and hospital utensils	1	
	Wire drawn from purchased rods	2	
	Wirework not elsewhere classified	2	
15	Electroplating, plating, and polishing	1	
	Engraving on metal (except for printing purposes)	1	
	Lighting fixtures	1	
	Nonferrous-metal products not elsewhere classified	1	
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	1	
	Sheet-metal work not specifically classified	1	
16	Communication equipment	1	
	Electric lamps	1	
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	1	
	Wiring devices and supplies	2	
17	Agricultural machinery (except tractors)	1	
	Machine-shop repairs	2	
	Printing-trades machinery and equipment	1	
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	2	
	Scales and balances	1	
	Special-industry machinery, not elsewhere classified	5	110
18	Motor vehicles, motor-vehicle bodies, parts and accessories	2	
19	Aircraft and parts, including aircraft engines	1	
20	Brushes	1	
	Dolls (except rubber)	1	
	Fabricated plastic products, not elsewhere classified	1	
	Hand stamps, stencils, and brands	1	
	Models and patterns (except paper patterns)	1	
	Photographic apparatus and materials and projection equipment (except lenses)	1	
	Signs, advertising displays, and advertising novelties	2	
	Sporting and athletic goods not elsewhere classified	2	

[1] For group titles, see GENERAL EXPLANATIONS. Changes in number of industries and of industry groups, see p. 27.

NEW MEXICO

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939



Prepared by the Bureau of the Census, Department of Commerce

475614—42——44

NEW MEXICO

Table 1.—SUMMARY FOR THE STATE: 1939, 1937, AND 1929

CENSUS YEAR	Number of establishments	Proprietors and firm members	Number of persons employed in manufacturing [1]	Salaries and wages [1]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2]	Value of products [3]	Value added by manufacture [3]
1939	272	266	3,772	$3,840,381	$16,411,877	$25,123,641	$8,711,764
1937	241	201	4,189	3,759,627	11,485,017	20,598,868	9,113,851
1929	237	164	3,329	3,716,538	8,367,902	16,450,361	8,082,459

[1] Figure for 1939 does not include data for employees of manufacturing establishments (except salaried officers of corporations) who were engaged in distribution, construction, and other nonmanufacturing work. For detail, see table 8. It is not known to what extent data for such nonmanufacturing employees were included in figures reported for earlier years. See General Explanations—Persons engaged—general classification.

[2] The aggregates for cost of materials, etc., and value of products include large amounts of duplication due to the use of the products of some industries as materials by others. See General Explanations—Duplication in cost of materials and value of products.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See General Explanations—Value added by manufacture.

Table 2.—SUMMARY FOR COUNTIES AND PLACES: 1939

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
The State	531,818	[5] 272	3,250	$2,912,993	$16,411,877	$25,123,641	$8,711,764
COUNTIES [5]							
Bernalillo	69,391	54	926	804,729	2,926,938	5,515,157	2,588,219
Catron	4,881	7	74	48,441	40,847	119,196	78,349
Chaves	23,980	20	163	147,124	1,171,904	2,137,054	965,150
Colfax	18,718	9	59	52,313	124,423	301,253	176,830
Curry	18,159	15	97	95,446	469,071	845,605	376,534
De Baca [6]	3,725	1	...	...	...	...	...
Doña Ana	30,411	11	153	109,191	700,938	1,135,127	434,189
Eddy	24,311	17	158	195,827	1,808,611	2,679,966	871,355
Grant [6]	20,050	7	114	...	...	...	...
Guadalupe [6]	8,646	2	...	...	...	...	...
Harding [7]	4,374	...	...	...	...	...	...
Hidalgo [6]	4,821	2	...	...	...	...	...
Lea	21,154	11	52	79,189	115,690	382,510	266,820
Lincoln [6]	8,557	2	...	...	...	...	...
Luna	6,457	6	28	26,282	107,612	191,350	83,738
McKinley	23,641	10	61	49,949	95,048	242,816	147,768
Mora [6]	10,981	1	...	...	...	...	...
Otero	10,522	11	376	295,730	877,046	1,476,572	599,526
Quay	12,111	7	26	29,911	80,620	147,273	66,653
Rio Arriba	25,352	9	95	75,181	140,548	283,396	142,848
Roosevelt	14,549	10	84	54,652	648,810	809,520	160,710
Sandoval	13,898	6	321	287,443	430,216	895,745	465,529
San Juan [6]	17,115	6	17	...	...	...	...
San Miguel	27,910	7	42	47,851	102,069	248,901	146,832
Santa Fe	30,826	18	131	116,963	242,159	628,182	386,023
Sierra [6]	6,962	2	...	...	...	...	...
Socorro [6]	11,422	2	...	...	...	...	...
Taos [6]	18,528	3	19	...	...	...	...
Torrance [6]	11,026	2	...	...	...	...	...
Union	9,095	4	10	11,130	22,578	57,846	35,268
Valencia	20,245	10	201	136,037	202,634	457,695	255,061
Undistributed [8]	...	30	195	249,604	6,104,115	6,568,477	464,362
PLACES HAVING 10,000 OR MORE INHABITANTS							
Albuquerque	35,449	39	408	415,193	933,234	2,558,083	1,624,849
Clovis [9]	10,065	14	93	...	...	...	...
Hobbs [9]	10,619	9	50	...	...	...	...
Roswell [9]	13,482	18	137	...	...	...	...
Santa Fe	20,325	18	131	116,963	242,159	628,182	386,023

[1] Not including salaried officers and employees nor nonmanufacturing wage earners. The figure for each county or place is an average of the numbers reported for the several months of the year. In calculating it, equal weight must be given to full-time and to part-time wage earners (not reported separately by the manufacturers), and for this reason it exceeds the number that would have been required to perform the work done in the industries if all wage earners had been continuously employed throughout the year. The quotient obtained by dividing the amount of wages by the average number of wage earners cannot, therefore, be accepted as representing the average wage received by full-time wage earners. Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several counties do not add exactly to the average for the State. In making comparisons between the figures for 1939 and those for earlier years, the possibility that the proportion of part-time employment varied from year to year should be taken into account.

[2] Profits and losses cannot be calculated from the census figures because no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, and advertising.

[3] See General Explanations—Duplication in cost of materials and value of products.

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See General Explanations—Value added by manufacture.

[5] For numbers of establishments by "Industry groups," see table 9.

[6] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Undistributed" figures.

[7] No manufacturing reported.

[8] The "Undistributed" figure for number of establishments and a part of the "Undistributed" figure for number of wage earners are included above in the items for the respective counties. The sums of the figures in these two columns are, therefore, larger than the corresponding State totals.

[9] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments.

Table 3.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, BY SEX: 1939 AND 1929

[The 1939 questionnaire, for the first time, called for data on the *total* number of employees in manufacturing establishments, including those engaged wholly or chiefly in distribution, construction, and other nonmanufacturing activities. It is not known to what extent data for such employees were included in the figures reported for earlier years. This table presents detailed figures for employees receiving pay at any time within the *normal* pay-roll period ended nearest Oct. 14, 1939, and for such employees on the pay roll on Dec. 14, 1929, or on the nearest *representative* date. The total for "Wage earners engaged in manufacturing" is not identical with the average for the year (given in other tables), and differs from the number reported for October 1939 or for December 1929, because for both years some manufacturers gave wage-earner figures for months other than those specified. See General Explanations—Persons engaged—general classification]

Class and sex	1939 (Oct. 14)[1]	1929 (Dec. 14)[1]
All classes, aggregate [2]	4,625	3,353
Male	4,146	3,199
Female	479	154
Salaried officers and employees, total	897	412
Male	724	331
Female	173	81
Salaried officers of corporations, total	86	73
Male	77	68
Female	9	5
All other employees (except wage earners in manufacturing), total	811	339
Male	647	263
Female	164	76
Salaried officers and employees—Continued.		
All other employees, etc.—Continued.		
Engaged in manufacturing:		
Male	333	(3)
Female	103	
Engaged in distribution:		
Male	280	
Female	60	
Engaged in construction:		
Male	22	
Engaged in other work:		
Male	12	
Female	1	
Wage earners engaged in manufacturing, total	3,728	2,941
Male	3,422	2,868
Female	306	73

[1] See headnote.
[2] Figures do not include data for 266 proprietors and firm numbers for 1939 and 164 for 1929, which were not reported by sex for 1939.
[3] No data.

Table 4.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS: 1939, 1937, AND 1929

[The figures for 1939 relate to wage earners engaged in manufacturing only. It is not known to what extent the figures for earlier years include data for nonmanufacturing wage earners. See headnote to table 3]

Census year	Average number employed during year [1]	Number receiving pay during normal pay-roll period ended nearest 15th of month—											
		January	February	March	April	May	June	July	August	September	October	November	December
1939	3,250	2,948	2,682	2,749	3,068	3,242	3,245	3,429	3,474	3,558	3,731	3,468	3,409
1937	3,683	3,341	3,166	3,206	3,607	3,818	3,909	4,178	4,054	4,023	4,036	3,669	3,186
1929	2,917	2,724	2,781	2,744	2,876	3,027	3,106	2,992	3,068	3,091	3,032	2,828	2,730

[1] See General Explanations—Wage earners and wages.

TABLE 5.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY NUMBER OF WAGE EARNERS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS	VALUE ADDED BY MANUFACTURE [2]
	1939	1929	1939	1929	1939	1939
All establishments	272	237	3,250	2,917	$25,123,641	$8,711,764
No wage earners	7	5			79,928	35,321
1 to 5	138	163	371	465	3,100,898	1,635,480
6 to 20	94	46	988	495	6,443,289	2,978,401
21 to 50	23	13	740	398	5,603,455	2,146,867
51 to 100	6	4	428	287	7,795,823	938,164
101 to 250	3	3	[3] 723	361	[3] 2,100,248	[3] 977,531
251 to 500	1	3		911		

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Combined to avoid disclosing data for individual establishments.

TABLE 6.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY VALUE OF PRODUCTS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
All establishments	272	237	3,250	2,917	$25,123,641	$16,450,361	$8,711,764	$8,082,459
$5,000 to $19,999	118	126	414	376	1,310,862	1,318,926	834,860	858,389
$20,000 to $49,999	74	56	541	284	2,371,024	1,669,183	1,260,789	976,810
$50,000 to $99,999	42	23	625	294	2,825,524	1,567,075	1,567,787	761,001
$100,000 to $249,999	15	17	297	369	2,076,549	2,334,976	1,119,522	1,432,686
$250,000 to $499,999	12	8	528	722	4,253,302	3,089,581	1,596,507	1,721,468
$500,000 to $999,999	10	5	845	872	12,286,380	6,470,620	2,332,299	2,332,105
$1,000,000 and over	1	2						

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Combined to avoid disclosing data for individual establishments.

TABLE 7.—ESTABLISHMENTS CLASSIFIED AS UNDER CORPORATE OR OTHER FORM OF OWNERSHIP (OR CONTROL) AND AS UNDER CENTRAL-ADMINISTRATIVE-OFFICE OR INDEPENDENT OPERATION: 1939 AND 1929

TYPE OF OWNERSHIP OR CONTROL, AND OF OPERATION	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
Total	272	237	3,250	2,917	$25,123,641	$16,450,361	$8,711,764	$8,082,459
TYPE OF OPERATION								
1939 [3]								
Corporate ownership or control:								
Central-administrative-office (plural-unit)	33	(3)	718	(3)	11,083,937	(3)	1,811,967	(3)
Independent (single-unit)	58	(3)	1,270	(3)	7,969,958	(3)	3,779,799	(3)
Noncorporate ownership:								
Central-administrative-office (plural-unit)	12	(3)	78	(3)	556,395	(3)	232,116	(3)
Independent (single-unit)	169	(3)	1,184	(3)	5,513,351	(3)	2,887,882	(3)
1939 AND 1929 [3]								
Central-administrative-office (plural-unit), corporate and noncorporate	45	32	796	1,171	11,640,332	8,133,459	2,044,083	3,301,047
Independent (single-unit), corporate and noncorporate	227	205	2,454	1,746	13,483,309	8,316,902	6,667,681	4,781,412
TYPE OF OWNERSHIP OR CONTROL								
Corporate	91	86	1,988	2,298	19,053,895	13,338,008	5,591,766	6,439,559
Noncorporate, total	181	151	1,262	619	6,069,746	3,112,353	3,119,998	1,642,900
Individual	107	(4)	643	(4)	2,706,532	(4)	1,437,281	(4)
Partnership	73	(4)	619	(4)	3,363,214	(4)	1,682,717	(4)
Cooperative	1	(4)		(4)		(4)		(4)

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Because of changes in the questionnaire, no comparable figures for 1929 can be given for the first section of this table. For this reason, the items have been regrouped under "1939 and 1929" to present comparable figures so far as this can be done.
[4] No data.
[5] Figures for 1939 combined to avoid disclosing data for individual establishments; no data for 1929.

TABLE 8.—GENERAL STATISTICS FOR

[This table presents separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual which combined figures are given, however, reported larger numbers of wage

	Industry No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
1		All industries	272	266	4,147	86	436	3,250	340	22	13
2	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	44	57	392	3	22	321	42	.....	4
3	14	Brick and hollow structural tile	4	2	128	5	7	116	.....	.....	.....
4	9	Cottonseed oil, cake, meal, and linters	4	1	107	4	23	78	2	.....	.....
5	1	Creamery butter	5	4	57	.....	7	42	8	.....	.....
6	1	Flour and other grain-mill products	16	15	39	2	9	25	2	1	.....
7	8	General commercial job printing	11	16	61	.....	4	55	2	.....	.....
8	1	Ice cream and ices	8	6	72	1	16	31	24	.....	.....
9	1	Ice, manufactured	15	12	112	4	11	67	30	.....	.....
10	17	Machine-shop products	8	7	44	6	3	30	4	1	.....
11	6	Mattresses and bedsprings	3	2	15	.....	.....	15	.....	.....	.....
12	1	Meat packing, wholesale	3	1	131	1	15	91	19	5	.....
13	8	Newspapers, publishing and printing	40	42	405	16	108	237	44	.....	.....
14	1	Nonalcoholic beverages	27	21	196	14	24	73	81	.....	4
15	10	Petroleum refining	7	4	175	6	29	118	13	9	.....
16	5	Planing mills not operated in conjunction with sawmills	6	2	244	3	10	228	3	.....	.....
17	1	Prepared feeds (including mineral) for animals and fowls	3	3	26	1	4	19	2	.....	.....
18	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	41	47	1,279	10	71	1,166	29	3	.....
19	3	Woolen and worsted manufactures: regular factories or jobbers engaging contractors	3	.....	80	6	6	68	.....	.....	.....
20		Other industries [6]	39	28	816	12	92	643	56	8	5
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]									
21	1	Food and kindred products	12	10	220	2	20	171	22	5	.....
22	8	Printing, publishing, and allied industries	4	3	26	.....	8	9	9	.....	.....
23	13	Stone, clay, and glass products	5	2	61	1	7	49	4	.....	.....
24	3	Textile-mill products and other fiber manufactures	3	.....	80	6	6	68	.....	.....	.....
	6	Furniture and finished lumber products	3	1	108	.....	9	99	.....	.....	.....
	15	Nonferrous metals and their products	4	7	225	.....	31	176	14	.....	4
	4	Apparel and other finished products made from fabrics and similar materials	2								
	9	Chemicals and allied products	2								
	12	Leather and leather products	1	5	96	3	11	71	7	3	1
	14	Iron and steel and their products, except machinery	2								
	20	Miscellaneous industries	1								

*As the figures for number of establishments and for the personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.

[2] Figures do not include data for personnel of central-administrative offices.

[3] Each of the averages in the "Wage earners" column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

THE STATE, BY INDUSTRIES: 1939

establishments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for earners or larger values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
4,236,690	295,059	632,329	2,912,993	357,384	28,062	10,863	16,411,877	15,178,253	596,613	234,023	402,988	25,123,641	8,711,764	1
361,289	4,775	25,103	298,344	29,266	------	3,801	853,650	804,480	22,356	26,814	------	1,756,121	902,471	2
93,121	17,097	11,744	64,280	------	------	------	54,386	23,644	23,409	7,333	------	160,141	105,755	3
118,215	11,976	33,088	69,851	3,300	------	------	849,023	825,311	14,768	8,839	105	1,164,676	315,653	4
62,273	------	9,296	35,908	17,069	------	------	796,609	784,274	5,768	6,567	------	927,100	130,491	5
42,471	5,880	12,085	20,949	2,172	1,385	------	225,613	218,387	4,259	2,967	------	297,298	71,685	6
81,978	------	2,554	75,413	4,011	------	------	79,962	74,252	1,095	4,090	525	247,171	167,209	7
76,905	3,310	23,645	30,643	19,307	------	------	202,221	186,453	3,075	12,693	------	352,522	150,301	8
124,786	10,420	15,187	72,487	26,061	631	------	70,168	15,468	24,254	30,446	------	335,857	265,689	9
86,951	19,813	3,945	54,191	7,152	1,850	------	39,271	32,502	2,359	4,360	50	179,437	140,166	10
9,214	------	------	9,214	------	------	------	20,726	19,837	254	635	------	42,617	21,891	11
(5)	(5)	(5)	(5)	(5)	(5)	------	(5)	(5)	(5)	(5)	------	(5)	(5)	12
549,350	37,516	149,456	308,081	54,297	------	------	264,456	235,457	6,071	21,769	1,159	1,456,759	1,192,303	13
254,450	52,168	33,298	63,432	100,418	------	5,134	511,668	494,763	5,115	11,790	------	1,208,823	697,155	14
295,546	17,300	68,386	183,832	14,594	11,434	------	2,401,711	2,320,797	64,642	14,472	1,800	3,538,753	1,137,042	15
210,444	15,948	17,380	172,316	4,800	------	------	521,489	504,756	5,930	10,803	------	908,234	386,745	16
(5)	(5)	(5)	(5)	(5)	------	------	(5)	(5)	------	(5)	------	(5)	(5)	17
1,077,745	65,049	97,742	875,364	35,390	4,200	------	1,242,125	784,106	43,969	27,568	386,482	2,757,424	1,515,299	18
(5)	(5)	(5)	(5)	------	------	------	(5)	(5)	(5)	(5)	------	(5)	(5)	19
791,952	33,807	129,420	578,688	39,547	8,562	1,928	8,278,799	7,853,766	369,289	42,877	12,867	9,790,708	1,511,909	20
151,587	6,100	22,499	103,032	13,700	6,256	------	1,340,891	1,304,891	8,866	27,134	------	1,685,810	344,919	21
28,792	------	12,168	9,859	6,765	------	------	33,777	20,253	91	566	12,867	92,491	58,714	22
70,562	1,725	5,990	60,475	2,372	------	------	90,127	77,390	4,785	7,952	------	190,024	99,897	23
541,011	25,982	88,763	405,322	16,710	2,306	1,928	6,814,004	6,451,232	355,547	7,225	------	7,822,383	1,008,379	24

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[6] For numbers of establishments and of wage earners in individual industries, see table 10.

TABLE 9.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939

COUNTY	Total	INDUSTRY GROUP																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
The State	272	121		3	2	47	6		55	6	7		1	9	2	4		8			1
Bernalillo	54	22		1	1	6	4		8	1	1			3	2	3		1			1
Catron	7					7															
Chaves	20	10				1	1		4	1	1		1					1			
Colfax	9	6				1			2												
Curry	15	12							3												
De Baca	1	1																			
Doña Ana	11	5							3	1	1			1							
Eddy	17	8							5	1	3										
Grant	7	3				1			2							1					
Guadalupe	2								2												
Hidalgo	2	1							1												
Lea	11	5							2									4			
Lincoln	2					2															
Luna	6	3							1	1				1							
McKinley	10	4				1			2					1				2			
Mora	1	1																			
Otero	11	2				6	1		1					1							
Quay	7	5							2												
Rio Arriba	9					8			1												
Roosevelt	10	8							2												
Sandoval	6	2				3								1							
San Juan	6	4							1		1										
San Miguel	7	4				1			2												
Santa Fe	18	7		2	1	1			7												
Sierra	2	1							1												
Socorro	2	1							1												
Taos	3	1				2															
Torrance	2					1				1											
Union	4	2							2												
Valencia	10	3				6								1							

TABLE 10.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE: 1939

[In order to avoid disclosing data for individual establishments, wage-earner figures for industries represented by fewer than three establishments are withheld]

Group No.[1]	TITLE	Number of establishments	Wage earners
	STATE OF NEW MEXICO		
1	Canned and dried fruits and vegetables (including canned soups)	2	
	Condensed and evaporated milk	2	
	Food preparations, not elsewhere classified	1	
	Meat packing, wholesale	3	91
	Poultry dressing and packing, wholesale	1	
	Prepared feeds (including mineral) for animals and fowls	3	19
3	Woolen and worsted manufactures: regular factories or jobbers engaging contractors	3	68
4	Men's neckwear—made in inside factories or by jobbers engaging contractors	2	
6	Caskets, coffins, burial cases, and other morticians' goods	1	
	Wood preserving	2	
8	Books: printing without publishing	1	
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	1	
	Newspapers: publishing without printing	2	
	STATE OF NEW MEXICO—Continued		
9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	2	
12	Saddlery, harness, and whips	1	
13	Concrete products	2	
	Minerals and earths, ground or otherwise treated	2	
	Pottery products not elsewhere classified	1	
14	Gray-iron and semisteel castings	1	
	Power boilers and associated products	1	
15	Jewelry (precious metals)	2	
	Lighting fixtures	1	
	Primary smelting and refining of nonferrous metals	1	
20	Signs, advertising displays, and advertising novelties	1	

[1] For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and of industry groups, sec. 27.

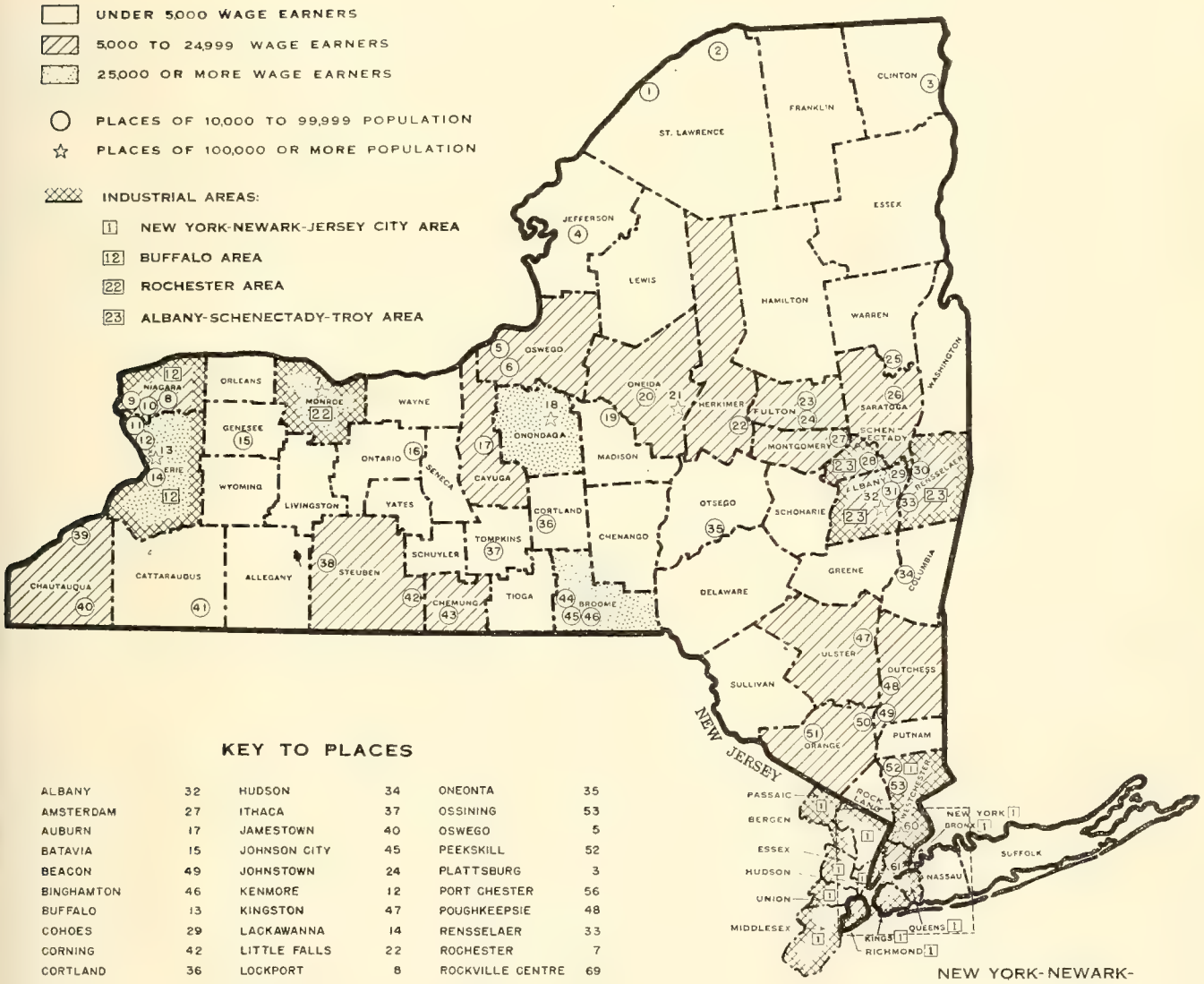
NEW YORK

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939

UNDER 5,000 WAGE EARNERS
5,000 TO 24,999 WAGE EARNERS
25,000 OR MORE WAGE EARNERS

PLACES OF 10,000 TO 99,999 POPULATION
PLACES OF 100,000 OR MORE POPULATION

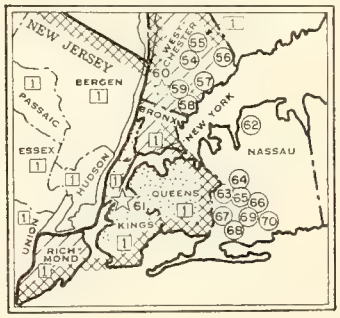
INDUSTRIAL AREAS:
1 NEW YORK-NEWARK-JERSEY CITY AREA
12 BUFFALO AREA
22 ROCHESTER AREA
23 ALBANY-SCHENECTADY-TROY AREA



KEY TO PLACES

ALBANY	32	HUDSON	34	ONEONTA	35
AMSTERDAM	27	ITHACA	37	OSSINING	53
AUBURN	17	JAMESTOWN	40	OSWEGO	5
BATAVIA	15	JOHNSON CITY	45	PEEKSKILL	52
BEACON	49	JOHNSTOWN	24	PLATTSBURG	3
BINGHAMTON	46	KENMORE	12	PORT CHESTER	56
BUFFALO	13	KINGSTON	47	POUGHKEEPSIE	48
COHOES	29	LACKAWANNA	14	RENSSELAER	33
CORNING	42	LITTLE FALLS	22	ROCHESTER	7
CORTLAND	36	LOCKPORT	8	ROCKVILLE CENTRE	69
DUNKIRK	39	LYNBROOK	68	ROME	20
ELMIRA	43	MAMARONECK	57	SARATOGA SPRINGS	26
ENDICOTT	44	MASSENA	2	SCARSDALE	54
FLORAL PARK	63	MIDDLETOWN	51	SCHENECTADY	28
FREEPORT	70	MINEOLA	64	SYRACUSE	18
FULTON	6	MOUNT VERNON	59	TONAWANDA	11
GARDEN CITY	65	NEWBURGH	50	TROY	30
GENEVA	16	NEW ROCHELLE	58	UTICA	21
GLEN COVE	62	NEW YORK CITY	61	VALLEY STREAM	67
GLENS FALLS	25	NIAGARA FALLS	9	WATERTOWN	4
GLOVERSVILLE	23	NORTH TONAWANDA	10	WATERVLIET	31
HEMPSTEAD	66	OGDENSBURG	1	WHITE PLAINS	55
HORNELL	38	OLEAN	41	YONKERS	60
		ONEIDA	19		

NEW YORK-NEWARK-JERSEY CITY INDUSTRIAL AREA (PART)



Prepared by the Bureau of the Census, Department of Commerce

NEW YORK

Table 1.—SUMMARY FOR THE STATE: 1939, 1937, AND 1929

CENSUS YEAR	Number of establishments	Proprietors and firm members	Number of persons employed in manufacturing [1]	Salaries and wages [1]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2]	Value of products [2]	Value added by manufacture [3]
1939	34,506	23,975	1,109,246	$1,560,478,560	$3,792,505,388	$7,134,400,147	$3,341,894,759
1937	29,749	18,465	1,184,274	1,674,909,420	3,998,266,070	7,314,446,524	3,316,180,454
1929	39,016	28,317	1,277,006	2,197,055,766	4,838,414,915	9,638,184,739	4,799,769,824

[1] Figure for 1939 does not include data for employees of manufacturing establishments (except salaried officers of corporations) who were engaged in distribution, construction, and other nonmanufacturing work. For detail, see table 8. It is not known to what extent data for such nonmanufacturing employees were included in figures reported for earlier years. See GENERAL EXPLANATIONS—Persons engaged—general classification.

[2] The aggregates for cost of materials, etc., and value of products include large amounts of duplication due to the use of the products of some industries as materials by others. See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

Table 2.—SUMMARY FOR INDUSTRIAL AREAS, COUNTIES, AND PLACES: 1939

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2,3]	Value of products [2,3]	Value added by manufacture [4]
The State	13,479,142	[5] 34,506	957,854	$1,163,785,198	$3,792,505,388	$7,134,400,147	$3,341,894,759
INDUSTRIAL AREAS							
New York City-Newark-Jersey City Area, total [6]	10,782,353	33,385	849,608	1,042,681,700	3,887,580,270	6,948,444,631	3,060,864,361
Portion in New York	8,028,553	27,174	534,008	659,574,579	2,344,928,296	4,295,585,062	1,950,656,766
Portion in New Jersey	2,753,800	6,211	315,600	383,107,121	1,542,651,974	2,652,859,569	1,110,207,595
Buffalo Area [7]	958,487	1,470	91,328	127,122,954	510,883,150	905,220,863	394,337,713
Rochester Area [8]	438,230	803	51,331	70,961,249	137,231,763	345,900,066	208,668,303
Albany-Schenectady-Troy Area [9]	465,643	579	36,368	46,162,818	118,504,177	245,199,246	126,695,069
COUNTIES IN NEW YORK [5]							
Albany	221,315	306	12,900	14,771,926	49,529,241	95,093,244	45,564,003
Allegany	39,681	71	1,102	1,505,862	10,251,152	14,724,484	4,473,332
Bronx (Bronx Borough)	1,394,711	1,082	18,577	24,100,454	52,533,884	115,752,382	63,218,498
Broome	165,749	207	27,679	30,426,358	67,998,457	129,893,770	61,895,313
Cattaraugus	72,652	112	4,256	4,779,382	19,175,751	33,218,052	14,042,301
Cayuga	65,508	75	5,596	5,934,900	17,253,821	32,733,505	15,479,684
Chautauqua	123,580	218	13,787	14,647,058	31,137,512	68,306,697	37,169,185
Chemung	73,718	91	6,379	7,592,254	14,422,288	31,468,630	17,046,342
Chenango	36,454	58	1,862	1,660,580	6,665,813	13,321,895	6,656,082
Clinton	54,006	33	1,307	1,307,257	4,622,644	8,695,291	4,072,647
Columbia	41,464	58	3,091	3,155,095	7,191,139	14,917,113	7,725,974
Cortland	33,668	61	4,224	4,223,254	12,009,274	20,907,121	8,897,847
Delaware	40,989	56	1,345	1,514,201	5,855,622	9,560,538	3,704,916
Dutchess	120,542	153	7,145	6,990,188	15,019,991	35,168,828	20,148,837
Erie	798,377	1,249	70,489	98,032,996	415,405,765	706,799,225	291,393,460
Essex	34,178	21	1,441	1,294,871	3,579,871	5,963,521	2,383,650
Franklin	44,286	44	981	774,772	2,389,732	3,929,297	1,539,565
Fulton	48,597	219	9,818	8,338,345	17,233,536	32,999,881	15,766,345
Genesee	44,481	55	3,524	3,726,285	12,023,896	24,030,724	12,006,828
Greene	27,926	36	1,335	1,257,308	3,322,506	6,062,920	2,740,414
Hamilton	4,188	12	52	44,547	102,442	276,215	173,773
Herkimer	59,527	92	9,363	9,472,576	14,400,793	33,459,901	19,059,108
Jefferson	84,003	116	3,784	4,482,109	16,494,290	28,764,472	12,270,182
Kings (Brooklyn Borough)	2,698,285	4,910	135,422	155,948,038	445,684,462	870,578,728	424,894,266
Lewis	22,815	33	1,197	1,217,518	6,006,609	9,277,020	3,270,411
Livingston	38,510	37	1,781	1,743,912	4,292,746	10,479,227	6,186,481
Madison	39,598	48	1,207	1,313,355	3,296,931	6,644,501	3,347,570
Monroe	438,230	803	51,331	70,961,252	137,231,763	345,900,066	208,668,303
Montgomery	59,142	108	11,649	11,114,708	24,644,862	55,703,637	31,058,775
Nassau	406,748	264	4,402	5,677,978	8,595,752	22,170,398	13,574,646
New York (Manhattan Borough)	1,889,924	18,949	300,102	378,629,784	1,469,212,872	2,618,700,898	1,149,488,026
Niagara	160,110	221	20,839	29,089,958	95,477,385	198,421,638	102,944,253
Oneida	203,636	309	22,961	24,239,017	63,246,271	124,281,525	61,035,254
Onondaga	295,108	405	25,644	31,673,386	67,695,226	150,691,615	82,996,389
Ontario	55,307	76	3,326	3,669,854	9,051,623	17,757,271	8,705,648
Orange	140,113	172	8,843	8,496,107	18,485,200	38,805,611	20,320,411
Orleans	27,760	45	1,687	1,277,291	5,638,172	12,205,002	6,566,830
Oswego	71,275	83	6,205	6,964,557	28,727,489	47,595,087	18,867,598
Otsego	46,682	40	786	711,239	5,961,704	8,188,925	2,227,221
Putnam	16,555	9	33	41,217	45,360	137,189	91,829

See footnotes at end of table.

TABLE 2.—SUMMARY FOR INDUSTRIAL AREAS, COUNTIES, AND PLACES: 1939—Continued

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
COUNTIES IN NEW YORK [5]—continued							
Queens (Queens Borough)	1,297,634	1,544	52,485	$65,410,911	$220,625,778	$423,431,391	$202,805,613
Rensselaer	121,834	166	11,713	11,862,365	32,285,385	64,808,323	32,522,938
Richmond (Richmond Borough)	174,441	166	6,080	8,666,475	49,687,473	80,286,876	30,599,403
Rockland	74,261	72	4,632	4,939,808	12,994,889	31,940,590	18,945,701
St. Lawrence	91,098	97	4,739	6,394,855	47,886,226	70,835,484	22,949,258
Saratoga	65,606	66	6,134	6,008,625	20,922,678	35,239,748	14,317,070
Schenectady	122,494	107	11,754	19,528,557	36,689,551	85,297,679	48,608,128
Schoharie	20,812	20	297	268,999	847,104	1,639,889	792,785
Schuyler	12,979	13	585	724,644	1,757,247	4,263,116	2,505,869
Seneca	25,732	22	1,418	1,486,938	2,495,609	5,594,847	3,099,238
Steuben	84,927	94	5,346	6,617,411	10,685,355	30,081,615	19,396,260
Suffolk	197,355	183	3,156	3,319,691	6,445,165	14,243,174	7,798,009
Sullivan	37,901	47	239	222,178	715,089	1,380,928	665,839
Tioga	27,072	27	1,058	846,949	3,391,298	5,985,484	2,594,186
Tompkins	42,340	41	2,150	2,548,281	2,958,607	8,293,166	5,334,559
Ulster	87,017	142	5,051	4,252,783	9,378,355	18,831,169	9,452,814
Warren	36,035	48	2,848	2,780,130	8,964,257	17,653,851	8,689,594
Washington	46,726	47	2,900	2,848,564	8,684,926	13,992,805	5,307,879
Wayne	52,747	73	3,083	2,570,291	9,297,625	16,152,558	6,854,933
Westchester	573,558	523	21,342	26,818,917	107,183,827	186,834,787	79,650,960
Wyoming	31,394	47	2,437	2,100,282	4,992,565	10,795,216	5,802,651
Yates	16,381	24	956	765,795	1,702,532	3,231,407	1,528,875
PLACES HAVING 10,000 OR MORE INHABITANTS							
Albany	130,577	181	4,858	5,457,405	21,558,446	43,425,102	21,866,656
Amsterdam	33,329	66	9,384	9,067,837	17,827,034	40,515,838	22,688,804
Auburn	35,753	57	5,339	5,635,892	11,622,798	25,938,763	14,315,965
Batavia	17,267	29	2,185	2,313,461	3,492,493	8,712,840	5,220,347
Beacon	12,572	24	1,957	1,904,455	4,632,959	9,241,251	4,608,292
Binghamton	78,309	132	8,150	8,713,640	20,288,620	44,073,636	23,785,016
Buffalo	575,901	1,034	45,869	59,930,977	289,533,690	487,517,291	197,983,601
Cohoes	21,955	53	3,607	3,184,842	10,100,589	17,061,070	6,960,481
Corning [10]	16,212	22	2,933				
Cortland	15,881	40	3,452	3,593,091	9,952,957	17,066,861	7,113,904
Dunkirk	17,713	27	3,374	3,457,304	5,938,532	14,255,495	8,316,963
Elmira	45,106	72	5,135	6,089,678	10,817,419	24,598,097	13,780,678
Endicott [10]	17,702	28	9,434				
Floral Park	12,950	5	19	22,876	62,649	135,642	72,993
Freeport	20,410	16	279	279,538	346,239	968,925	622,686
Fulton	13,362	23	3,384	3,993,158	15,426,383	25,630,118	10,203,735
Garden City [10]	11,223	4	678				
Geneva	15,555	32	1,950	2,408,937	5,258,638	10,823,392	5,564,754
Glen Cove	12,415	24	517	536,196	906,545	2,725,234	1,818,689
Glens Falls [10]	18,836	34	2,151				
Gloversville	23,329	134	5,690	5,270,399	11,109,452	21,247,677	10,138,225
Hempstead	20,856	20	127	126,838	393,172	760,883	367,711
Hornell	15,649	24	640	624,657	1,434,006	3,100,408	1,666,402
Hudson	11,517	23	586	538,009	1,597,396	3,216,636	1,619,240
Ithaca	19,730	30	1,113	1,314,437	1,692,818	4,684,467	2,991,649
Jamestown	42,638	119	7,030	8,160,567	15,166,971	35,885,931	20,718,960
Johnson City [10]	18,039	35	10,015				
Johnstown	10,666	60	3,077	2,411,383	4,832,875	9,435,297	4,602,422
Kenmore	18,612	8	22	32,543	155,658	379,897	224,239
Kingston	28,589	72	2,895	2,284,142	5,203,746	9,967,897	4,764,151
Lackawanna [10]	24,058	13	8,742				
Little Falls	10,163	27	2,947	2,882,855	5,819,831	12,883,072	7,063,241
Lockport	24,379	48	4,206	5,421,842	17,566,200	32,112,866	14,546,666
Lynbrook	14,557	10	121	108,273	392,290	681,437	289,147
Mamaroneck	13,034	8	168	224,762	369,573	1,070,673	701,100
Massena [10]	11,328	6	1,141				
Middletown	21,908	38	1,797	1,454,938	2,508,513	5,788,146	3,279,633
Mineola	10,064	16	83	113,398	428,614	766,976	338,362
Mount Vernon	67,362	114	2,638	3,134,412	4,073,541	11,211,460	7,137,919
Newburgh	31,883	62	3,581	3,585,095	8,668,278	17,544,809	8,876,531
New Rochelle	58,408	46	1,106	1,007,035	1,853,157	4,458,196	2,605,039
New York City	7,454,995	26,651	512,666	632,755,662	2,237,744,469	4,108,750,275	1,871,005,806
Niagara Falls	78,029	97	11,656	17,362,162	58,585,378	129,218,918	70,633,540
North Tonawanda	20,254	45	4,168	5,495,364	15,511,371	30,888,030	15,376,659
Ogdensburg	16,346	21	558	617,913	3,233,155	4,857,217	1,624,062
Olean	21,506	38	1,962	2,588,498	9,322,760	17,208,317	7,885,557
Oneida	10,291	17	694	823,729	1,567,690	3,506,480	1,938,790
Oneonta	11,731	17	480	421,745	3,379,134	4,738,786	1,359,652
Ossining	15,996	18	441	523,786	1,073,001	2,542,039	1,469,038
Oswego	22,062	33	1,944	1,957,564	8,961,649	14,600,401	5,638,752
Peekskill [10]	17,311	28	961				
Plattsburg	16,351	22	1,044	1,051,979	4,010,877	7,168,278	3,157,401
Port Chester	23,073	54	1,835	1,928,951	4,130,549	11,089,648	6,959,099
Poughkeepsie	40,478	92	4,133	4,049,182	8,993,565	22,549,273	13,555,708
Rensselaer	10,768	11	1,780	2,185,189	8,936,388	16,905,439	7,969,051

See footnotes at end of table.

TABLE 2. SUMMARY FOR INDUSTRIAL AREAS, COUNTIES, AND PLACES: 1939—Continued

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2] [3]	Value of products [2] [3]	Value added by manufacture [4]
PLACES HAVING 10,000 OR MORE INHABITANTS—continued							
Rochester	324,975	726	47,908	$66,683,546	$116,040,477	$314,931,616	$198,891,139
Rockville Centre	18,613	10	98	163,404	380,595	1,295,745	915,150
Rome	34,214	44	4,665	6,007,569	25,479,178	39,268,396	13,789,218
Saratoga Springs	13,705	21	968	656,913	2,138,693	4,558,064	2,419,371
Scarsdale	12,966	3	12	20,568	51,937	145,736	93,799
Schenectady [10]	87,549	94	11,672				
Syracuse	205,967	334	18,199	22,032,927	48,920,791	104,442,707	55,521,916
Tonawanda	13,008	25	1,762	2,526,620	5,281,935	11,051,081	5,769,146
Troy	70,304	129	8,174	7,928,879	18,433,673	38,380,323	19,946,650
Utica	100,518	172	11,552	11,432,443	26,487,396	58,229,911	31,742,515
Valley Stream	16,679	6	47	54,830	103,762	237,082	133,320
Watertown	33,385	42	1,768	2,212,622	4,128,838	10,288,553	6,159,715
Watervliet	16,114	23	714	904,445	3,626,683	5,734,697	2,108,014
White Plains	40,327	43	812	890,972	1,402,988	4,216,879	2,813,891
Yonkers	142,598	114	8,689	10,823,690	24,619,408	50,991,994	26,372,586

[1] Not including salaried officers and employees nor nonmanufacturing wage earners. The figure for each county or place is an average of the numbers reported for the several months of the year. In calculating it, equal weight must be given to full-time and to part-time wage earners (not reported separately by the manufacturers), and for this reason it exceeds the number that would have been required to perform the work done in the industries if all wage earners had been continuously employed throughout the year. The quotient obtained by dividing the amount of wages by the average number of wage earners cannot, therefore, be accepted as representing the average wage received by full-time wage earners. Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several counties do not add exactly to the average for the State. In making comparisons between the figures for 1939 and those for earlier years, the possibility that the proportion of part-time employment varied from year to year should be taken into account.

[2] Profits and losses cannot be calculated from the census figures because no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, and advertising.

[3] See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

[5] For numbers of establishments by "Industry groups," see table 11.

[6] The New York City Industrial Area comprises Bronx, Kings, New York, Queens, Richmond, and Westchester Counties, N. Y., and Bergen, Essex, Hudson, Middlesex Passaic, and Union Counties, N. J. For statistics by industries, see table 9.

[7] The Buffalo Industrial Area comprises Erie and Niagara Counties; for statistics by industries, see table 9.

[8] The Rochester Industrial Area is coextensive with Monroe County; for statistics by industries, see table 9.

[9] The Albany-Schenectady-Troy Industrial Area comprises Albany, Rensselaer, and Schenectady Counties; for statistics by industries, see table 9.

[10] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments.

TABLE 3.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, BY SEX: 1939 AND 1929

[The 1939 questionnaire, for the first time, called for data on the *total* number of employees in manufacturing establishments, including those engaged wholly or chiefly in distribution, construction, and other nonmanufacturing activities. It is not known to what extent data for such employees were included in the figures reported for earlier years. This table presents detailed figures for employees receiving pay at any time within the *normal* pay-roll period ended nearest Oct. 14, 1939, and for such employees on the pay roll on Dec. 14, 1929, or on the nearest *representative* date. The total for "Wage earners engaged in manufacturing" is not identical with the average for the year (given in other tables), and differs from the number reported for October 1939 or for December 1929, because for both years some manufacturers gave wage-earner figures for months other than those specified. See GENERAL EXPLANATIONS—Persons engaged—general classification]

CLASS AND SEX	1939 (Oct. 14)[1]	1929 (Dec. 14)[1]
All classes, aggregate [2]	1,318,572	1,276,743
Male	878,173	909,362
Female	440,399	367,381
Salaried officers and employees, total	263,989	214,994
Male	188,915	145,334
Female	75,074	69,660
Salaried officers of corporations, total	31,168	33,029
Male	28,975	31,049
Female	2,193	1,980
All other employees (except wage earners in manufacturing), total	232,821	181,965
Male	159,940	114,285
Female	72,881	67,680

CLASS AND SEX	1939 (Oct. 14)[1]	1929 (Oct. 14)[1]
Salaried officers and employees—Continued.		
All other employees, etc.—Continued.		
Engaged in manufacturing:		
Male	76,891	(3)
Female	43,333	
Engaged in distribution:		
Male	71,585	
Female	28,504	
Engaged in construction:		
Male	7,731	
Engaged in other work:		
Male	3,733	
Female	1,044	
Wage earners engaged in manufacturing, total	1,054,583	1,061,749
Male	689,258	764,028
Female	365,325	297,721

[1] See headnote. [2] Figures do not include data for 23,975 proprietors and firm members for 1939, which were not reported by sex, and 28,317 for 1929. [3] No data.

TABLE 4.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS: 1939, 1937, AND 1929

[The figures for 1939 relate to wage earners engaged in manufacturing only. It is not known to what extent the figures for earlier years include data for nonmanufacturing wage earners. See headnote to table 3]

CENSUS YEAR	Average number employed during year [1]	NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH											
		January	February	March	April	May	June	July	August	September	October	November	December
1939	957,854	891,983	920,605	942,273	931,579	915,553	908,992	905,606	967,101	1,011,714	1,046,651	1,037,185	1,015,004
1937	995,658	964,890	993,361	1,019,219	1,018,601	1,008,109	990,867	974,946	1,012,990	1,039,053	1,028,863	975,474	921,525
1929	1,062,018	1,022,466	1,051,088	1,073,610	1,070,084	1,055,879	1,045,407	1,044,197	1,074,804	1,105,296	1,108,420	1,071,529	1,021,434

[1] See GENERAL EXPLANATIONS—Wage earners and wages.

TABLE 5.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY NUMBER OF WAGE EARNERS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS	VALUE ADDED BY MANUFACTURE [2]
	1939	1929	1939	1929	1939	1939
All establishments	34,506	39,016	957,854	1,062,018	$7,134,400,147	$3,341,894,759
No wage earners	2,395	1,831	...	...	310,791,380	149,237,484
1 to 5	13,313	16,930	35,696	48,471	450,515,053	178,777,954
6 to 20	9,973	11,832	112,575	133,632	922,430,412	385,091,093
21 to 50	5,216	4,743	166,602	152,030	1,012,001,070	469,157,911
51 to 100	1,911	1,886	132,917	133,382	823,052,600	389,120,750
101 to 250	1,137	1,181	172,298	178,211	1,163,665,011	565,935,937
251 to 500	344	368	116,347	125,587	869,072,326	401,463,985
501 to 1,000	158	151	109,318	103,013	794,008,650	365,425,513
1,001 to 2,500	49	78	70,114	110,179	513,659,911	269,482,022
2,501 or more	10	16	41,987	77,513	275,203,734	168,202,110

[1] See headnotes to tables 3 and 4. [2] See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 6.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY VALUE OF PRODUCTS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
All establishments	34,506	39,016	957,854	1,062,018	$7,134,400,147	$9,638,184,739	$3,341,894,759	$4,799,769,824
$5,000 to $19,999	10,448	10,063	33,272	27,108	119,527,761	116,247,088	73,181,824	75,393,074
$20,000 to $49,999	9,044	9,913	82,250	62,454	294,943,710	316,373,824	177,057,590	202,162,096
$50,000 to $99,999	5,267	6,152	83,783	69,383	373,783,901	435,588,850	206,127,168	252,909,876
$100,000 to $249,999	4,811	6,155	129,598	127,323	758,155,376	981,622,316	365,838,611	517,000,887
$250,000 to $499,999	2,397	3,240	120,231	133,005	844,114,855	1,135,899,075	376,881,228	574,031,532
$500,000 to $999,999	1,383	1,896	118,927	141,042	969,857,170	1,314,451,503	411,656,241	647,852,178
$1,000,000 to $2,499,999	752	1,099	143,001	158,878	1,117,751,925	1,652,411,836	507,683,146	817,910,998
$2,500,000 to $4,999,999	246	294	100,880	109,212	823,130,624	1,018,818,864	413,230,436	519,359,369
$5,000,000 and over	158	204	145,912	233,613	1,833,134,825	2,666,771,383	810,238,515	1,193,149,814

[1] See headnotes to tables 3 and 4. [2] See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 7.—ESTABLISHMENTS CLASSIFIED AS UNDER CORPORATE OR OTHER FORM OF OWNERSHIP (OR CONTROL) AND AS UNDER CENTRAL-ADMINISTRATIVE-OFFICE OR INDEPENDENT OPERATION: 1939 AND 1929

TYPE OF OWNERSHIP OR CONTROL, AND OF OPERATION	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
Total	34,506	39,016	957,854	1,062,018	$7,134,400,147	$9,638,184,739	$3,341,894,759	$4,799,769,824
TYPE OF OPERATION								
1939 [3]								
Corporate ownership or control:								
Central-administrative-office (plural-unit)	2,987	(3)	389,278	(3)	3,329,645,257	(3)	1,524,981,086	(3)
Independent (single-unit)	15,220	(3)	404,214	(3)	2,966,266,045	(3)	1,431,101,030	(3)
Noncorporate ownership:								
Central-administrative-office (plural-unit)	380	(3)	9,646	(3)	61,905,574	(3)	26,488,245	(3)
Independent (single-unit)	15,919	(3)	154,716	(3)	776,583,271	(3)	359,324,398	(3)
1939 AND 1929 [3]								
Central-administrative-office (plural-unit), corporate and noncorporate	3,367	2,376	398,924	373,049	3,391,550,831	3,535,779,133	1,551,469,331	1,632,834,168
Independent (single-unit), corporate and noncorporate	31,139	36,640	558,930	688,969	3,742,849,316	6,102,405,606	1,790,425,428	3,166,935,656
TYPE OF OWNERSHIP OR CONTROL								
Corporate	18,207	17,903	793,492	876,656	6,295,911,302	7,967,886,858	2,956,082,116	4,010,851,139
Noncorporate, total	16,299	21,113	164,362	185,362	838,488,845	1,670,297,881	385,812,643	788,918,685
Individual	9,954	(4)	85,785	(4)	375,639,702	(4)	185,406,041	(4)
Partnership	6,248	(4)	76,899	(4)	452,857,845	(4)	195,490,785	(4)
Cooperative	50	(4)	701	(4)	3,927,489	(4)	1,725,168	(4)
Other	47	(4)	977	(4)	6,063,809	(4)	3,190,649	(4)

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Because of changes in the questionnaire, no comparable figures for 1929 can be given for the first section of this table. For this reason, the items have been regrouped under "1939 and 1929" to present comparable figures so far as this can be done.
[4] No data.

TABLE 8.—GENERAL STATISTICS FOR

[This table presents separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments, are given, however, reported larger numbers of wage earners or

	Code	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS[1] Total[1]	Salaried officers of corporations[2]	Manufacturing: Salaried employees[2]	Manufacturing: Wage earners (average for year)[3]	Distribution	Construction	Other
1		All industries, total	34,506	23,975	1,221,843	31,168	120,224	957,854	100,089	7,731	4,777
2	13	Abrasive wheels, stones, paper, cloth, and related products	25	7	3,846	36	741	2,555	323	191	
3	17	Agricultural machinery (except tractors)	21	1	2,457	40	328	1,947	129	3	10
4	19	Aircraft and parts, including aircraft engines	18	5	7,802	46	1,376	6,262	111		7
5	15	Alloying, and rolling and drawing of nonferrous metals, except aluminum	28	5	6,118	45	533	4,912	358	243	27
6	15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	18	10	2,027	16	315	1,680	15		1
7	3	Artificial leather and oilcloth	5	5	1,086	2	162	894	23		5
8	20	Artists' materials	15	9	125	17	13	85	10		
9	13	Asbestos products (except steam packing and pipe and boiler covering)	5		174	5	22	126	16	5	
10	14	Automobile stampings	4	2	183	5	29	137	12		
11	16	Automotive electrical equipment	14	1	2,080	20	327	1,631	96	3	3
12	1	Baking powder, yeast, and other leavening compounds	8	2	575	4	73	391	8	99	
13	6	Baskets for fruits and vegetables	21	12	676	15	36	611	10	4	
14	16	Batteries, storage and primary (dry and wet)	10	1	1,142	8	147	935	45	3	4
15	3	Batting, padding, and wadding; upholstery filling	15	2	528	17	40	443	28		
16	20	Beauty-shop and barber-shop equipment	23	6	718	34	40	548	96		
17	4	Belts (apparel), regardless of material	176	162	3,538	145	162	2,846	369		16
18	1	Biscuit, crackers, and pretzels	26	8	5,797	34	228	4,592	825	11	107
19	14	Blast-furnace products	6		1,397	2	90	1,282	22	1	
20	1	Blended and prepared flour made from purchased flour	8	6	115	7	9	59	40		
21	17	Blowers; exhaust and ventilating fans	3		766	9	132	540	85		
22	9	Bluing	3	3	23		1	21	1		
23	19	Boat building and boat repairing	33	20	371	21	21	319	10		
24	14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	4		516	8	89	395	24		
25	8	Bookbinding and related industries	406	318	10,834	378	824	8,979	652	1	
26	8	Books: printing without publishing	193	91	4,763	253	604	3,632	272	2	
27	8	Books: publishing and printing	25	9	1,171	28	216	740	186	1	
28	8	Books: publishing without printing	254	47	5,823	386	3,139	89	2,209		
29	12	Boot and shoe cut stock and findings	56	37	1,952	57	148	1,672	72	3	
30	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	2,910	2,950	38,314	674	1,859	31,398	3,777	92	514
31	13	Brick and hollow structural tile	37	13	2,208	45	98	2,024	26	13	2
32	20	Brooms	22	22	344	18	24	280	22		
33	20	Brushes	62	40	2,426	57	161	2,068	138	2	
34	20	Buttons	154	157	4,250	118	245	3,676	206	5	
35	9	Candles	13	3	844	37	54	586	165		2
36	1	Candy and other confectionery products	149	76	7,514	166	441	6,266	587	15	39
37	1	Cane-sugar refining	6		3,284		413	2,650	26	97	98
38	1	Canned and dried fruits and vegetables (including canned soups)	152	38	9,203	132	528	8,210	287	33	13
39	1	Canned fish, crustacea, and mollusks	4		44	7	4	20	13		
40	4	Canvas products (except bags)	53	22	658	64	66	429	98		1
41	20	Carbon paper and inked ribbons	22	6	1,169	32	136	739	250	12	
42	16	Carbon products for the electrical industry, and manufactures of carbon or artificial graphite	7	2	1,027	8	171	803	45		
43	3	Carpets and rugs, wool	9		14,422	19	989	12,726	653	35	
44	3	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	11	11	237	8	20	185	21	3	
45	6	Caskets, coffins, burial cases, and other morticians' goods	43	19	1,547	34	119	1,264	129		1
46	14	Cast-iron pipe and fittings	6		380	13	24	341	2		
47	13	Cement	12		1,682	10	172	1,335	103	62	
48	1	Cereal preparations	7	1	900	1	39	809	33		18
49	1	Cheese	166	128	497	10	69	407	10		1
50	9	Chemicals not elsewhere classified	84	7	12,836	113	2,300	9,358	313	675	77
51	1	Chewing gum	9		2,094	16	222	1,388	420		48
52	4	Children's and infants' wear not elsewhere classified—made in contract factories	12	14	675	5	14	650	6		
53	4	Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors	68	43	1,785	66	97	1,450	170	1	1
54	4	Children's coats—made in contract factories	32	36	673	6	7	659			1
55	4	Children's coats—made in inside factories or by jobbers engaging contractors	85	54	1,991	104	195	1,366	301		25
56	4	Children's dresses—made in contract factories	43	44	1,145	6	15	1,121	3		
57	4	Children's dresses—made in inside factories or by jobbers engaging contractors	106	67	4,142	136	236	3,332	425		13
58	20	Children's vehicles	10	7	388	13	27	324	18	6	
59	13	China firing and decorating (for the trade)	8	7	104	8		83	13		
60	1	Chocolate and cocoa products	13		2,422	17	232	1,824	114	2	233
61	6	Cigar boxes: wooden, part wooden	3		181	8	14	154	5		
62	2	Cigarettes	10	2	174	9	14	147	4		
63	2	Cigars	119	112	2,375	38	76	2,165	96		
64	9	Cleaning and polishing preparations, blackings, and dressings	111	53	1,893	106	229	1,031	514	11	2
65	15	Clocks, watches, and materials and parts (except watchcases)	24	15	1,550	16	119	1,342	68		5
66	4	Clothing, leather and sheep-lined	22	13	564	20	32	500	11	1	

See footnotes at end of table.

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and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures larger values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	
1,767,851,679	157,961,094	238,732,268	1,163,785,198	187,845,078	12,559,158	6,968,883	3,792,505,388	3,387,605,686	68,688,521	57,615,394	278,595,787	7,134,400,147	3,341,894,759	1
7,174,778	320,160	1,635,509	3,463,117	1,239,869	516,123	----	9,762,400	9,255,797	196,935	296,366	13,302	23,364,695	13,602,295	2
3,415,448	186,256	593,720	2,385,643	235,202	4,000	10,627	4,337,513	4,063,711	205,107	68,512	183	9,914,394	5,576,881	3
13,389,943	460,094	3,095,292	9,602,468	222,902	----	9,187	10,200,381	9,716,882	89,939	153,428	240,132	30,398,311	20,197,930	4
9,473,148	354,160	1,052,602	6,919,250	715,771	402,805	28,560	38,941,829	37,455,456	563,182	778,847	144,344	57,689,722	18,747,893	5
(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	6
(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	7
200,814	65,353	21,204	99,059	15,198	----	----	331,084	321,349	2,477	7,258	----	727,358	396,274	8
336,545	37,931	45,803	199,585	47,108	6,118	----	256,814	238,618	6,833	11,363	----	834,774	577,960	9
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	10
2,851,425	158,786	589,391	1,891,103	203,545	4,700	3,900	3,233,833	3,130,860	17,713	64,497	20,763	7,762,575	4,528,742	11
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	12
522,426	43,646	46,429	409,254	17,269	5,828	----	488,896	468,182	6,643	14,036	35	1,253,042	764,146	13
1,416,924	32,171	241,663	1,028,622	104,228	6,240	4,000	4,275,508	4,121,647	47,087	106,774	----	6,622,618	2,347,110	14
669,091	106,036	64,058	446,176	52,821	----	----	2,216,479	2,135,415	33,286	47,778	----	3,597,596	1,381,117	15
891,834	115,459	98,371	552,237	125,767	----	----	1,499,827	1,462,859	4,709	24,181	8,078	3,464,902	1,965,075	16
4,214,653	516,801	224,193	2,931,280	532,249	----	10,130	6,880,921	6,775,796	825	51,916	52,384	13,388,374	6,507,453	17
7,477,827	263,799	522,165	5,092,500	1,047,266	137,277	414,820	12,577,483	12,080,988	345,020	151,475	----	38,381,756	25,804,273	18
2,461,692	30,000	298,311	2,029,573	102,585	1,223	----	27,778,618	17,314,869	10,149,102	314,647	----	36,890,837	9,112,219	19
196,248	46,000	12,316	65,258	72,674	----	----	711,313	703,957	1,438	5,918	----	1,102,734	391,421	20
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	21
(5)	----	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	22
510,856	69,355	34,218	392,305	14,978	----	----	522,201	507,147	4,495	9,681	878	1,385,631	863,430	23
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	24
15,100,683	1,796,523	1,405,402	10,554,299	1,342,791	1,668	----	8,325,979	7,487,212	59,414	297,653	481,700	33,694,080	25,368,101	25
9,214,900	1,403,224	1,201,357	5,936,381	669,763	4,175	----	8,641,619	7,434,551	29,784	259,452	917,832	22,345,686	13,704,067	26
2,436,473	196,523	582,246	1,217,966	438,178	1,560	----	1,108,723	871,746	16,140	33,697	187,140	5,987,969	4,879,246	27
12,078,380	2,875,010	5,190,537	137,738	3,875,095	----	----	20,179,451	4,856,873	1,939	62,093	15,258,546	65,548,689	45,369,238	28
1,961,497	286,039	213,847	1,354,561	101,300	5,750	----	3,563,416	3,469,498	20,133	73,785	----	6,348,311	2,784,895	29
57,714,989	2,406,895	3,599,712	46,249,243	4,775,289	113,126	570,724	94,583,936	89,586,354	3,014,669	1,982,769	144	204,500,877	109,916,941	30
2,727,351	175,724	170,234	2,307,372	45,756	26,592	1,673	1,859,082	644,026	999,838	215,218	----	6,314,214	4,455,132	31
330,969	55,239	28,486	213,723	33,521	----	----	452,827	435,548	8,505	6,690	2,084	883,292	430,465	32
2,834,391	330,568	291,431	1,993,781	216,207	2,404	----	5,918,826	5,827,111	22,404	59,318	9,993	10,526,867	4,608,041	33
4,193,803	508,006	426,015	2,971,396	279,936	8,450	----	4,497,005	4,203,749	47,732	136,414	109,110	11,203,106	6,706,101	34
1,284,849	259,056	131,703	565,848	326,330	----	1,912	2,543,333	2,480,161	47,472	15,700	----	4,634,388	2,091,055	35
8,373,815	888,858	780,193	5,748,496	890,861	19,645	45,762	20,101,379	19,494,915	265,376	275,447	65,641	36,285,218	16,183,839	36
5,145,569	----	937,796	3,782,706	90,517	128,140	206,410	67,265,046	66,211,544	1,035,858	17,644	----	79,738,320	12,473,274	37
7,976,011	740,529	863,581	5,793,519	487,595	76,062	14,725	31,581,159	30,740,236	486,657	189,731	164,535	55,137,396	23,556,237	38
73,636	38,553	3,470	19,946	11,667	----	----	267,980	263,839	2,314	1,827	----	449,151	181,171	39
1,001,002	237,118	106,825	489,922	165,547	----	1,590	1,483,597	1,461,074	7,708	12,998	1,817	2,816,366	1,332,769	40
2,206,565	360,801	345,292	977,476	499,084	23,912	----	4,981,592	4,898,240	30,192	53,160	----	10,028,380	5,046,788	41
1,829,148	57,146	403,534	1,243,210	125,258	----	----	2,733,731	2,018,691	147,670	425,322	142,048	6,672,308	3,938,577	42
19,130,491	394,832	2,123,640	15,202,048	1,352,216	57,755	----	25,767,228	24,793,793	669,217	224,230	79,988	63,428,696	37,661,468	43
208,680	15,212	22,513	147,823	18,242	4,890	----	303,688	280,243	3,827	6,219	13,399	694,731	391,043	44
2,316,249	158,712	216,675	1,647,195	292,903	----	764	2,712,532	2,615,452	35,196	58,882	3,002	6,026,349	3,313,817	45
443,430	57,530	40,633	343,062	2,205	----	----	431,788	355,267	59,698	14,854	1,969	1,053,866	622,078	46
2,766,782	80,505	423,916	1,894,762	293,235	74,364	----	4,408,753	2,148,360	1,474,451	785,942	----	10,596,449	6,187,696	47
(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	48
575,998	29,900	84,693	445,527	15,705	----	173	6,444,708	6,273,909	113,352	53,474	3,973	7,774,504	1,329,796	49
24,407,880	1,293,032	6,237,772	15,008,001	734,192	980,412	154,471	52,703,899	43,430,864	4,127,633	5,071,822	73,580	122,306,542	69,602,643	50
(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	51
529,972	17,995	19,556	489,221	3,200	----	----	49,264	33,430	2,180	10,309	3,345	758,798	709,534	52
2,007,307	259,173	143,269	1,335,842	266,653	1,600	770	5,372,591	4,484,578	3,630	35,178	849,205	8,689,633	3,317,042	53
800,616	13,793	10,551	776,004	----	----	268	60,522	40,149	5,067	11,387	3,919	1,041,801	981,279	54
3,544,834	488,606	277,111	2,282,360	472,427	----	24,330	15,069,921	11,858,067	1,425	62,282	3,148,147	21,215,904	6,145,983	55
716,813	11,357	20,241	680,979	4,236	----	----	44,738	27,700	1,584	15,454	----	986,282	941,544	56
5,006,121	766,675	409,023	3,055,863	759,283	----	15,277	15,705,836	11,705,930	4,310	80,361	3,915,235	24,586,166	8,880,330	57
514,625	53,675	48,677	369,761	34,877	7,635	----	1,027,104	1,005,143	9,879	12,082	----	1,798,315	771,211	58
101,343	22,430	----	60,117	18,796	----	----	188,139	159,004	10,174	1,603	17,358	372,252	184,113	59
3,562,584	200,706	418,516	2,277,290	291,995	3,008	371,069	16,788,137	16,276,978	155,558	355,601	----	24,277,575	7,489,438	60
182,022	18,086	22,655	135,050	6,231	----	----	114,778	107,595	2,118	5,065	----	335,731	220,953	61
227,646	64,445	23,586	134,631	4,984	----	----	1,693,110	1,687,502	1,326	4,222	60	2,746,738	1,053,628	62
2,002,781	174,517	135,405	1,522,220	170,639	----	----	2,979,326	2,935,369	12,215	30,742	1,000	6,381,567	3,402,241	63
2,859,762	507,223	420,504	1,137,223	778,104	12,841	3,867	7,899,551	7,796,846	32,808	65,336	4,561	20,031,175	12,131,624	64
2,565,321	147,101	272,448	2,056,311	85,686	----	3,775	5,243,028	5,140,610	3,748	22,464	76,206	12,071,261	6,828,233	65
642,097	97,340	30,633	478,646	33,138	2,340	----	1,615,328	1,598,346	2,088	6,954	7,940	2,359,926	744,598	66

TABLE 8.—GENERAL STATISTICS FOR THE

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
1	3	Cloth sponging and miscellaneous special finishing	44	11	1,336	64	131	1,039	88		14
2	9	Coal-tar products, crude and intermediate	3		60		11	49			
3	7	Coated and glazed paper	30	6	1,189	39	119	973	57	1	
4	4	Coats, suits, and skirts (except fur coats)—made in contract factories	644	748	15,340	243	182	14,826	63		26
5	4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	679	407	16,163	824	1,086	11,855	2,268		130
6	9	Colors and pigments	12		1,053	21	176	674	111	15	56
7	17	Commercial laundry, dry cleaning, and pressing machinery	17	6	1,541	24	238	1,163	108		8
8	16	Communication equipment	56	17	3,333	83	513	2,494	236	1	6
9	9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	16		307		27	228	52		
10	13	Concrete products	174	98	1,855	118	133	1,325	243	35	1
11	1	Condensed and evaporated milk	81	11	1,745	16	190	1,421	67	49	2
12	17	Construction and similar machinery (except mining and oil-field machinery and tools)	15	5	842	22	199	536	75	7	3
13	7	Converted paper products not elsewhere classified	121	58	5,523	138	541	4,191	581	68	4
14	1	Cooking and other edible fats and oils, not elsewhere classified	5		497	3	82	376	36		
15	6	Cooperage	19	3	404	6	44	344	9		1
16	3	Cordage and twine	16		2,579	29	276	2,187	84		3
17	6	Cork products	15	8	422	25	35	328	32		2
18	4	Corsets and allied garments	147	71	8,763	192	513	7,206	838	8	6
19	20	Costume jewelry and costume novelties (jewelry other than fine jewelry)	150	140	3,183	110	204	2,468	399	2	
20	3	Cotton broad woven goods	13	3	3,998	17	136	3,746	62		37
21	3	Cotton narrow fabrics	14	3	760	19	73	632	36		
22	3	Cotton thread	25	19	554	20	43	359	132		
23	3	Cotton yarn	13	4	866	7	64	790	5		
24	1	Creamery butter	41	22	299	22	52	158	56	9	2
25	1	Cured fish	16	11	342	15	31	251	45		
26	4	Curtains, draperies, and bedspreads—contract factories	45	49	577	13	18	532	14		
27	4	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	119	84	3,304	100	212	2,689	296	2	5
28	14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	45	20	3,840	67	312	3,250	209	1	1
29	20	Dental equipment and supplies	34	19	1,634	48	319	1,089	178		
30	7	Die-cut paper and paperboard, and converted cardboard	41	18	1,752	55	170	1,296	228	3	
31	20	Dolls (except rubber)	71	49	2,099	74	124	1,822	78	1	
32	14	Doors, window sash, frames, molding, and trim (made of metal)	92	34	3,406	149	414	2,560	281	2	
33	4	Dress and semidress gloves and mittens: cloth, cloth and leather combined	39	22	2,704	37	112	2,473	77		5
34	9	Drugs and medicines (including drug grinding)	227	54	7,819	331	1,263	4,522	1,562	74	67
35	3	Dyeing and finishing cotton, rayon, silk, and linen textiles	116	53	5,831	180	411	5,065	173		2
36	3	Dyeing and finishing woolen and worsted	9	7	361	13	18	310	17		3
37	16	Electrical appliances	17	9	712	23	42	518	129		
38	16	Electrical measuring instruments	9	5	123	4	20	70	29		
39	16	Electrical products not elsewhere classified	28	9	1,240	20	168	979	73		
40	16	Electric lamps	9	3	870	9	62	737	41	5	16
41	15	Electroplating, plating, and polishing	130	128	1,655	86	88	1,384	81	7	9
42	8	Electrotyping and stereotyping, not done in printing establishments	52	11	1,699	80	237	1,213	169		
43	17	Elevators, escalators, and conveyors	23	3	2,592	48	443	1,914	183		4
44	4	Embroideries, other than Schiffli-machine products—contract factories	249	268	3,369	93	83	3,086	97		10
45	4	Embroideries, other than Schiffli-machine products—made in regular factories or by jobbers engaging contractors	33	22	495	30	26	421	17		1
46	4	Embroideries: Schiffli-machine products	37	31	339	26	15	268	28		2
47	14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	35	19	1,138	34	80	949	74	1	
48	14	Enameling, japanning, and lacquering	11	8	137	11	16	107	3		
49	15	Engraving on metal (except for printing purposes)	29	34	994	12	83	872	25		2
50	8	Engraving (steel, copperplate, and wood); plate printing	116	90	1,994	93	233	1,570	98		
51	7	Envelopes	38	8	1,991	58	148	1,534	243	8	
52	20	Fabricated plastic products, not elsewhere classified	51	16	2,350	70	222	1,940	92	26	
53	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	211	112	4,279	275	425	3,297	248	33	1
54	20	Feathers, plumes, and artificial flowers	241	216	5,541	166	214	4,741	416	4	
55	3	Felt goods, wool, hair, and jute (except woven felts and hat bodies and hats)	3		579	2	46	529	2		
56	9	Fertilizers	18	1	327	6	31	266	23		1
57	7	Fiber cans, tubes, and similar products	21	6	1,802	22	110	1,466	204		
58	3	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	66	34	2,502	82	126	2,198	96		
59	14	Firearms	7		1,649	6	264	1,364	15		
60	20	Fire extinguishers, chemical	4	1	258	5	53	167	33		
61	9	Fireworks	5	4	129	1	7	118	1		2
62	1	Flavoring extracts and flavoring sirups, not elsewhere classified	112	49	1,503	128	211	769	362	8	25
63	1	Flour and other grain-mill products	44	21	2,631	54	331	1,873	253	108	12
64	1	Food preparations, not elsewhere classified	95	44	3,676	109	280	2,310	951	15	11
65	17	Food-products machinery	55	16	3,844	96	818	2,608	276	8	38
66	12	Footwear (except rubber)	208	60	34,127	341	1,563	31,221	970	20	12
67	14	Forgings, iron and steel—made in plants not operated in connection with rolling mills	16	3	1,236	33	147	1,018	38		
68	4	Fur coats and other fur garments, accessories, and trimmings	1,843	2,071	14,480	1,466	950	10,969	1,095		
69	20	Furs, dressed and dyed	100	66	3,270	171	153	2,693	247	6	
70	14	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	10	7	187	13	15	138	20	1	

See footnotes at end of table.

STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	
2,334,576	322,345	200,650	1,587,062	202,512	----	22,007	3,289,519	3,145,700	94,931	48,888	----	7,985,383	4,695,864	1
(5)	----	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	2
1,641,994	268,491	224,839	1,041,165	105,899	1,600	----	5,454,917	5,314,561	70,607	63,240	6,509	8,870,530	3,415,613	3
18,211,903	558,488	254,329	17,327,414	54,557	----	17,115	1,905,137	1,168,933	76,275	241,787	418,142	24,612,782	22,707,645	4
30,354,855	4,224,543	1,701,420	19,718,148	4,558,105	----	152,639	151,669,935	118,948,672	53,917	469,603	32,197,743	207,235,885	55,565,950	5
1,853,147	122,396	333,490	917,632	326,330	20,901	132,398	6,201,717	5,967,014	157,998	72,747	3,958	10,753,834	4,552,117	6
2,660,762	311,123	537,750	1,604,635	200,254	----	7,000	3,852,273	3,730,605	35,725	32,633	53,310	9,988,487	6,136,214	7
4,615,648	523,211	1,023,780	2,674,792	385,058	2,371	6,436	4,192,964	4,014,159	47,978	120,319	10,508	10,674,799	6,481,835	8
536,310	----	69,560	352,210	114,540	----	----	553,846	407,095	16,362	130,389	----	2,830,410	2,276,564	9
2,872,527	455,208	211,827	1,845,681	328,097	29,714	2,000	7,870,252	7,648,558	69,297	110,847	41,550	13,240,862	5,370,610	10
2,204,439	85,997	304,721	1,616,310	156,972	37,863	2,576	18,532,758	17,470,649	833,839	228,270	----	24,149,788	5,617,030	11
1,374,462	104,568	352,728	728,549	175,095	10,741	2,781	1,722,670	1,677,860	24,921	18,920	969	4,420,132	2,697,462	12
6,911,970	926,357	885,656	3,939,728	1,031,362	124,824	4,043	14,925,022	14,682,934	55,406	153,340	33,342	30,419,405	15,494,383	13
816,058	15,600	144,788	601,895	53,775	----	----	13,216,186	13,065,918	135,881	14,387	----	16,418,527	3,202,341	14
515,693	19,122	66,841	420,635	7,535	----	1,560	1,803,376	1,774,899	19,811	8,666	----	2,572,166	768,790	15
3,421,792	246,481	618,518	2,309,156	243,912	----	3,725	5,293,535	5,042,712	76,549	173,562	712	12,636,557	7,343,022	16
523,233	136,219	52,394	285,006	48,322	----	1,292	901,274	874,979	6,203	20,092	----	1,765,396	864,122	17
9,774,989	1,149,973	838,158	6,213,589	1,549,463	19,099	4,707	19,892,379	18,847,803	20,174	118,934	905,468	36,052,529	16,160,150	18
3,734,821	472,631	318,305	2,277,524	664,046	2,315	----	4,463,299	4,299,993	11,034	58,280	93,992	10,987,044	6,523,745	19
3,769,722	97,613	274,452	3,267,679	87,395	----	42,583	4,893,961	4,309,393	231,381	265,403	87,784	16,137,541	11,243,580	20
1,079,186	140,870	133,843	753,854	50,619	----	----	1,863,157	1,807,227	26,946	23,686	5,298	3,814,073	1,950,916	21
629,769	114,388	60,883	301,175	153,323	----	----	3,525,648	3,440,564	2,500	30,900	51,684	5,022,705	1,497,057	22
783,216	33,850	97,406	643,825	8,135	----	----	3,872,239	3,750,196	48,541	29,165	44,337	5,498,013	1,625,774	23
399,479	47,029	78,263	174,440	88,139	9,705	1,903	3,670,798	3,568,286	67,619	34,713	180	4,740,460	1,069,662	24
492,725	94,460	61,160	251,153	85,832	----	120	3,877,390	3,845,170	13,424	18,796	----	5,215,331	1,337,941	25
445,666	25,505	18,965	393,329	7,867	----	----	122,752	113,125	671	8,534	422	894,855	772,103	26
3,490,540	560,879	288,401	2,019,969	613,522	2,128	5,641	15,674,396	14,701,883	1,707	60,859	909,947	21,764,528	6,090,132	27
4,923,236	484,258	584,443	3,407,598	444,582	1,085	1,270	5,652,571	5,424,113	56,466	160,653	11,339	14,040,067	8,387,496	28
2,781,702	298,978	634,585	1,502,927	345,212	----	----	6,596,414	6,485,842	65,201	38,531	6,840	11,919,023	5,322,609	29
2,992,812	293,588	354,854	1,809,930	526,995	7,445	----	5,319,648	5,215,522	35,944	63,266	4,916	10,807,987	5,488,339	30
2,430,883	246,273	183,426	1,836,687	163,745	752	----	5,076,118	4,879,117	30,779	70,739	95,483	9,034,870	3,958,752	31
5,394,634	666,732	681,944	3,605,201	437,637	3,120	----	5,988,260	5,571,864	52,419	107,276	256,701	14,703,504	8,715,244	32
1,950,015	88,547	139,197	1,624,173	90,253	----	7,845	2,727,331	2,544,630	4,008	34,412	144,281	5,495,344	2,768,013	33
11,831,827	1,886,242	2,347,584	4,786,677	2,617,054	112,968	81,302	20,557,198	19,499,251	185,412	190,478	682,057	62,283,358	41,726,160	34
7,595,418	997,291	852,378	5,434,787	309,270	----	1,692	6,544,073	5,401,446	906,301	236,326	----	18,155,404	11,611,331	35
498,332	91,076	44,261	326,602	34,313	----	2,080	444,798	361,307	58,703	24,788	----	1,337,410	892,612	36
811,768	138,212	81,332	465,327	126,897	----	----	1,295,541	1,138,419	12,429	26,711	117,982	2,394,237	1,098,696	37
151,927	27,200	30,195	55,632	38,900	----	----	356,564	327,665	603	1,921	26,375	762,630	406,066	38
1,515,700	101,258	353,238	933,222	127,982	----	----	1,995,466	1,931,076	22,877	33,137	8,376	4,036,487	2,041,021	39
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	40
2,151,976	288,836	134,932	1,584,053	122,377	12,333	9,445	969,308	745,875	37,305	169,348	16,780	4,383,216	3,413,908	41
3,800,882	506,073	461,867	2,386,448	446,494	----	----	3,553,669	1,047,570	40,584	151,996	2,313,519	9,228,016	5,674,347	42
4,389,726	211,498	743,310	2,888,352	545,019	----	1,547	4,096,198	3,875,068	83,368	124,090	13,672	11,553,577	7,457,379	43
2,994,622	255,633	111,331	2,527,931	91,167	----	8,560	1,290,328	1,097,918	3,067	55,052	134,291	6,306,214	5,015,886	44
508,983	85,119	43,033	362,654	17,761	----	416	515,164	381,867	450	6,937	125,910	1,218,876	703,712	45
381,655	77,757	28,811	245,735	27,904	----	1,448	665,194	365,280	2,903	9,401	287,610	1,421,729	756,535	46
1,514,510	150,062	133,118	1,094,619	135,908	803	----	3,088,941	2,915,340	19,135	46,095	108,371	5,578,613	2,489,672	47
176,269	44,460	27,086	101,026	3,697	----	----	104,033	81,120	10,627	12,286	----	397,409	293,376	48
1,549,073	99,626	153,658	1,094,693	197,596	----	3,500	1,232,687	1,160,402	22,335	32,424	17,526	3,620,890	2,388,203	49
3,441,135	308,928	528,793	2,455,085	148,329	----	----	1,475,482	1,318,752	25,352	69,802	61,576	6,700,630	5,225,148	50
3,040,326	410,650	241,920	1,754,766	609,261	23,729	----	4,414,030	4,277,120	10,790	91,050	35,070	9,001,934	4,587,904	51
2,795,320	361,296	404,555	1,801,043	190,786	37,640	----	3,716,031	3,460,555	69,114	96,828	89,534	7,944,465	4,228,434	52
7,276,781	1,060,058	811,434	4,884,893	479,326	40,570	500	12,929,060	12,265,287	83,988	157,621	422,164	24,216,315	11,287,255	53
4,810,656	608,167	255,824	3,394,700	547,785	4,180	----	5,361,632	5,232,777	19,903	75,337	33,615	13,082,798	7,721,166	54
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	55
378,191	13,825	59,523	264,354	37,092	2,461	936	2,678,877	2,652,368	3,897	22,612	----	3,729,520	1,050,643	56
2,686,382	125,191	249,286	1,826,241	485,664	----	----	4,097,971	3,950,206	88,748	59,017	----	9,707,959	5,609,988	57
3,018,874	377,184	193,956	2,276,847	170,887	----	----	9,005,995	8,046,699	50,734	55,917	852,645	13,852,106	4,846,111	58
2,383,239	27,000	464,817	1,866,598	24,824	----	----	548,526	397,064	82,482	68,980	----	4,632,068	4,083,542	59
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	60
(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	61
2,941,554	875,442	395,260	963,353	654,279	11,064	42,156	9,364,360	9,237,394	66,512	60,354	100	27,009,226	17,644,866	62
4,319,054	267,706	701,271	2,689,453	447,106	184,544	28,974	58,207,845	57,442,709	132,457	632,679	----	75,590,791	17,382,946	63
4,595,393	670,978	512,937	2,233,715	1,140,758	28,899	8,166	24,885,368	24,630,651	134,331	120,386	----	40,277,756	15,392,388	64
6,717,920	655,046	1,561,730	3,737,011	682,220	12,653	69,260	5,127,279	4,806,315	125,641	115,239	80,084	16,229,200	11,101,921	65
35,252,461	1,840,014	2,441,864	28,805,532	2,121,034	32,921	11,096	54,209,336	53,433,302	226,933	448,833	100,268	104,144,500	49,935,164	66
1,879,666	200,124	278,283	1,314,159	87,100	----	----	3,372,966	3,043,955	222,157	98,474	8,380	6,421,272	3,048,306	67
28,977,301	4,910,402	1,599,986	20,500,244	1,966,669	----	----	98,531,808	96,575,441	23,796	283,614	1,648,957	151,257,538	52,725,730	68
6,539,843	868,252	391,072	4,794,386	476,782	9,351	----	2,403,051	2,115,416	36,251	157,044	94,340	11,776,286	9,373,235	69
261,044	48,380	23,959	160,165	26,715	1,825	----	477,940	449,049	19,273	9,600	18	856,607	378,667	70

TABLE 8.—GENERAL STATISTICS FOR THE

	Code	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS[1]						
					Total[2]	Salaried officers of corporations[2]	Manufacturing		Distribution	Construction	Other
							Salaried employees[2]	Wage earners (average for year)			
1	20	Games and toys (except dolls and children's vehicles)	109	80	2,879	90	184	2,395	210		
2	8	General commercial job printing	1,823	1,419	23,171	1,420	2,628	17,433	1,675	10	5
3	16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	56	21	16,874	71	4,087	12,178	395	5	138
4	13	Glass containers	8		1,665	14	71	1,447	113	20	
5	9	Glue and gelatin	13	1	674	10	63	568	12	20	1
6	15	Gold and silver leaf and foil	8	9	136	4	3	114	14		1
7	8	Gravure, rotogravure, and rotary photogravure (including preparation of plates)	7		677	16	80	560	21		
8	14	Gray iron and semisteel castings	70	30	4,000	90	269	3,581	57	2	1
9	9	Greases and tallow (except lubricating greases)	22	19	979	16	115	768	53	27	
10	8	Greeting cards (except hand-painted)	38	24	2,423	42	294	1,864	223		
11	13	Gypsum products	9		1,494		163	1,314	2	15	
12	20	Hair work	28	27	265	16	11	224	14		
13	4	Handkerchiefs—made in inside factories or by jobbers engaging contractors	27	13	679	27	38	412	189		13
14	20	Hand stamps, stencils, and brands	54	33	650	56	72	430	91	1	
15	14	Hardware not elsewhere classified	76	30	3,096	99	286	2,493	212	3	3
16	9	Hardwood distillation and charcoal manufacture	6	5	145		14	131			
17	4	Hat and cap materials, trimmings, etc	50	33	873	41	52	738	41		1
18	3	Hat bodies and hats, fur-felt	6	1	137	8	4	117	8		
19	3	Hats, straw	6		295	10	11	267	7		
20	3	Hatters' fur	4	4	227	8	31	187	1		
21	14	Heating and cooking apparatus, except electric, not elsewhere classified	29	13	281	26	34	202	19		
22	3	Hosiery—full-fashioned	19	3	3,697	16	185	3,327	164	5	
23	3	Hosiery—seamless	14	7	1,107	21	57	1,018	11		
24	13	Hotel china	4		1,396	9	106	1,237	33	11	
25	4	House dresses, uniforms, and aprons—made in contract factories	126	135	4,135	26	45	4,056	5		3
26	4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	154	134	4,457	138	317	3,577	418		7
27	4	Housefurnishings (except curtains, draperies, and bedspreads)	182	150	3,685	126	230	2,983	328	10	8
28	6	Household furniture, except upholstered	297	178	8,242	372	641	6,690	496	12	31
29	1	Ice cream and ices	202	117	4,162	125	356	1,891	1,657	42	91
30	1	Ice, manufactured	185	43	2,016	112	208	1,240	401	5	50
31	12	Industrial leather belting and packing leather	34	14	243	32	31	145	33	2	
32	17	Industrial machinery, not elsewhere classified	85	23	3,805	135	795	2,719	136	12	8
33	9	Insecticides, fungicides, and related industrial and household chemical compounds	131	35	1,396	146	215	789	241		5
34	16	Insulated wire and cable	15	7	1,751	16	208	1,458	59		10
35	17	Internal-combustion engines	8	[illegible]	2,344	12	600	1,645	84	2	1
36	15	Jewelers' findings and materials	12	8	259	13	18	193	31		4
37	20	Jewelry cases and instrument cases	67	58	2,377	53	121	2,049	154		
38	15	Jewelry (precious metals)	402	376	3,624	244	370	2,598	399		13
39	3	Knitted cloth	128	67	4,312	115	311	3,760	100	17	9
40	3	Knitted gloves	14	6	4,429	7	119	4,263	20	20	
41	3	Knitted outerwear (except knit gloves)—contract factories	188	202	2,841	71	26	2,725	17	1	1
42	3	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	219	140	6,653	242	364	5,341	690	3	13
43	3	Knitted underwear	45	9	10,076	69	491	9,290	201	8	17
44	6	Laboratory, hospital, and other professional furniture	18	9	510	28	39	388	55		
45	3	Lace goods	13	6	1,394	14	119	1,228	31	2	
46	20	Lamp shades	73	50	944	61	47	755	81		
47	15	Lapidary work	63	99	170	6	9	150	4		1
48	6	Lasts and related products	11	4	502	12	42	409	38	1	
49	17	Laundry equipment, domestic	4		1,357	7	212	977	105	32	24
50	12	Leather gloves and mittens	154	180	6,852	103	342	6,242	146	4	15
51	12	Leather goods not elsewhere classified	71	73	1,022	42	50	856	74		
52	12	Leather: tanned, curried, and finished—contract factories	21	11	880	37	40	799	4		
53	12	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	40	23	4,137	38	171	3,888	37	3	
54	15	Lighting fixtures	191	102	5,685	242	540	4,390	505	2	6
55	13	Lime	9	1	165	5	20	137	3		
56	9	Linseed oil, cake, and meal	3		228	4	35	179	8		2
57	1	Liquors, distilled	3		65		9	56			
58	1	Liquors, rectified or blended	14		256	16	49	134	57		
59	8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	199	46	9,173	351	1,006	6,839	951	26	
60	5	Logging camps and logging contractors (not operating sawmills)	7	8	391	1	11	379			
61	9	Lubricating oils and greases—not made in petroleum refineries	15	1	184	20	38	82	44		
62	1	Macaroni, spaghetti, vermicelli, and noodles	89	99	2,232	80	108	1,692	336	4	12
63	8	Machine and hand typesetting (including advertisement typesetting)	184	127	2,480	179	261	1,874	166		
64	17	Machine-shop products, not elsewhere classified	246	136	6,208	260	823	4,838	244	17	26
65	17	Machine-shop repairs	118	89	1,313	74	99	1,120	7		3
66	17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	119	84	1,733	92	129	1,450	58		4
67	17	Machine tools	15	1	2,569	31	382	2,009	140		7
68	14	Malleable-iron castings	9		1,590	22	139	1,399	27	3	
69	1	Malt	4		145	11	14	110	9	1	
70	1	Malt liquors	64		9,204	160	702	4,395	3,513	98	336

See footnotes at end of table.

STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
2,938,598	390,270	270,687	1,989,747	287,894	----------	----------	6,150,067	6,072,508	14,102	50,075	13,382	11,172,072	5,022,005	1
40,062,013	6,139,222	4,531,964	25,761,944	3,603,728	10,226	14,929	38,287,352	32,576,524	214,940	1,199,305	4,296,583	102,015,813	63,728,461	2
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	3
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	4
962,061	73,806	171,201	653,639	24,060	37,275	2,080	2,980,302	2,679,451	265,009	34,835	1,007	5,842,189	2,861,887	5
188,901	41,740	15,860	105,023	24,256	----------	2,022	324,109	318,926	1,381	3,802	----------	573,017	248,908	6
1,770,338	112,190	243,874	1,324,527	88,441	1,306	----------	1,560,983	1,284,729	11,467	50,473	214,314	4,250,136	2,689,153	7
5,566,501	435,686	536,874	4,465,242	116,753	11,709	237	4,079,779	3,334,937	494,475	208,278	42,089	11,847,862	7,768,083	8
1,583,504	113,641	204,372	1,069,326	154,510	41,655	----------	5,248,601	4,969,359	215,433	63,341	468	8,001,050	2,752,449	9
3,257,094	498,760	394,383	1,926,685	437,266	----------	----------	5,668,975	3,714,117	4,457	51,142	1,899,259	12,028,468	6,359,493	10
2,297,179	----------	302,302	1,925,484	3,680	65,713	----------	4,475,776	3,737,801	322,686	414,869	420	11,498,503	7,022,727	11
249,679	36,283	12,858	183,144	17,394	----------	----------	295,100	280,179	1,141	4,535	9,245	736,931	441,831	12
852,036	159,137	70,615	349,247	264,852	----------	8,185	4,909,717	3,752,137	4,888	9,864	1,142,828	6,997,750	2,088,033	13
908,504	172,092	100,583	515,818	119,176	835	----------	709,438	667,320	9,501	17,125	15,492	2,068,086	1,358,648	14
3,949,964	589,821	437,701	2,550,258	364,284	6,280	1,620	5,028,978	4,760,546	98,447	139,205	30,780	11,379,779	6,350,801	15
90,654	----------	17,273	73,029	----------	----------	352	234,108	153,598	78,958	1,552	----------	336,573	102,465	16
982,768	160,638	71,677	688,407	61,326	----------	720	2,826,902	2,702,454	632	21,011	102,805	4,376,979	1,550,077	17
141,471	17,265	5,413	112,027	6,766	----------	----------	195,803	175,938	8,273	4,345	7,247	423,370	227,567	18
348,808	38,086	19,311	282,650	8,761	----------	----------	488,529	481,760	----------	6,769	----------	1,095,289	606,760	19
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	20
500,789	101,307	49,871	318,911	30,700	----------	----------	793,168	776,736	6,924	8,933	575	1,646,169	853,001	21
4,314,194	96,140	330,081	3,355,756	510,239	21,978	----------	2,806,794	2,679,764	95,286	30,090	1,654	9,055,761	6,248,967	22
1,111,947	102,860	98,622	872,817	37,648	----------	----------	1,171,871	1,107,200	28,406	33,488	2,777	2,768,568	1,596,697	23
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	24
2,742,986	49,991	65,334	2,619,590	5,411	----------	2,660	198,277	123,734	11,377	63,166	----------	3,740,632	3,542,355	25
4,894,156	702,023	468,105	3,005,927	704,366	----------	13,735	22,244,714	17,269,835	11,606	78,255	4,885,018	30,841,361	8,596,647	26
3,965,575	535,607	310,836	2,573,151	512,633	24,186	9,162	15,375,443	14,877,392	12,777	97,395	387,879	23,074,346	7,698,903	27
10,642,520	1,353,075	940,495	7,385,901	873,606	18,112	71,331	12,772,885	12,236,693	145,668	286,427	104,097	28,960,762	16,187,877	28
6,708,965	559,054	648,867	2,266,085	2,981,233	87,721	166,005	19,728,470	18,912,164	177,903	636,621	1,782	38,371,903	18,643,433	29
3,114,674	539,813	418,726	1,594,019	490,220	6,594	65,302	2,321,233	374,254	161,921	1,785,058	----------	10,638,381	8,317,148	30
383,306	104,792	56,624	168,320	50,744	2,826	----------	880,168	858,539	2,659	12,843	6,127	1,605,743	725,575	31
6,394,240	715,253	1,538,473	3,780,212	342,076	7,101	11,125	6,540,424	6,244,058	113,437	128,179	54,750	18,051,264	11,510,840	32
2,335,329	558,637	471,333	803,182	482,370	12,939	6,868	6,780,611	6,548,292	74,751	67,262	90,306	15,386,021	8,605,410	33
2,461,392	93,554	367,961	1,898,031	92,069	----------	9,777	10,242,279	9,996,674	81,163	164,442	----------	15,008,764	4,766,485	34
3,763,570	101,240	1,079,618	2,348,817	223,632	8,823	1,440	5,951,758	5,752,337	145,779	38,979	14,663	10,396,025	4,444,267	35
466,138	92,052	39,657	255,548	76,881	----------	2,000	1,806,680	1,728,631	2,532	9,530	65,987	2,648,852	842,172	36
2,854,217	339,347	195,325	1,809,647	509,898	----------	----------	2,820,819	2,731,793	13,856	56,680	18,490	6,953,566	4,132,747	37
6,302,715	1,023,077	606,371	3,917,843	744,828	----------	10,596	13,818,577	12,998,750	17,635	68,783	733,409	25,053,038	11,234,461	38
4,945,744	563,667	548,551	3,577,455	223,907	24,353	7,811	15,490,315	14,416,089	246,126	190,246	637,854	23,947,063	8,456,748	39
3,060,508	41,501	204,670	2,766,159	32,152	16,026	----------	3,715,483	3,510,603	26,696	21,598	156,586	9,264,729	5,549,246	40
2,332,968	119,505	37,326	2,165,905	8,382	900	950	528,519	372,813	31,320	93,714	30,672	4,597,636	4,069,117	41
7,550,585	1,163,928	559,912	4,704,071	1,100,647	6,844	15,183	27,770,907	21,993,651	77,573	161,517	5,538,166	41,417,753	13,646,846	42
8,177,031	450,427	836,407	6,526,988	330,257	11,274	21,678	14,020,175	13,389,640	293,661	145,334	191,540	26,374,650	12,354,475	43
736,029	101,708	55,599	475,787	102,935	----------	----------	845,038	824,783	4,622	15,521	112	1,958,866	1,113,828	44
1,717,685	97,724	206,150	1,261,845	143,277	8,689	----------	1,558,791	1,454,523	61,951	14,058	28,259	3,854,321	2,295,530	45
947,443	192,485	62,005	595,312	97,641	----------	----------	1,432,773	1,398,225	447	13,826	20,275	2,971,265	1,538,492	46
305,799	17,605	9,803	273,510	4,665	----------	216	3,045,829	3,001,723	248	4,590	39,268	4,035,690	989,861	47
781,970	66,993	80,101	552,157	81,000	1,719	----------	596,069	558,146	7,128	30,795	----------	2,135,681	1,539,612	48
1,987,289	75,163	320,309	1,235,355	270,315	56,555	29,592	5,110,795	5,028,775	38,646	43,374	----------	9,217,494	4,106,699	49
5,607,015	376,871	464,820	4,493,331	247,461	4,710	19,822	8,562,214	7,458,659	44,555	41,427	1,017,573	16,078,144	7,515,930	50
1,099,869	193,602	73,083	741,126	92,058	----------	----------	1,896,888	1,826,602	1,089	18,984	50,213	3,759,885	1,862,997	51
1,406,925	244,338	123,962	1,034,830	3,795	----------	----------	905,475	752,500	85,177	51,515	16,283	2,782,377	1,876,902	52
5,646,088	269,645	377,720	4,926,771	69,790	2,162	----------	22,353,933	21,407,925	399,593	246,153	300,262	32,969,776	10,615,843	53
8,087,803	1,239,514	881,881	5,001,303	955,848	4,400	4,857	15,705,666	15,243,073	102,539	228,373	131,681	30,466,997	14,761,331	54
235,732	21,007	42,946	168,379	3,400	----------	----------	373,489	213,880	86,050	72,709	850	853,343	479,854	55
350,587	39,800	67,325	220,908	19,440	----------	3,114	4,768,239	4,732,483	18,213	17,543	----------	5,570,533	802,294	56
(5)	----------	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	57
399,227	68,436	84,289	157,715	88,787	----------	----------	3,185,893	3,164,299	7,809	13,785	----------	4,675,250	1,489,357	58
17,845,798	2,225,024	2,216,587	10,752,763	2,613,586	37,838	----------	15,906,193	12,560,728	126,477	389,996	2,828,992	43,429,451	27,523,258	59
(5)	(5)	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	----------	(5)	(5)	(5)	60
307,847	86,176	76,360	106,167	39,144	----------	----------	835,765	790,402	31,980	10,802	2,581	1,525,917	690,152	61
2,901,200	382,162	168,117	1,809,499	518,879	6,427	16,116	8,390,734	8,012,044	96,433	271,786	10,471	14,432,189	6,041,455	62
4,647,667	798,073	468,172	3,079,243	302,179	----------	----------	1,052,145	770,780	26,175	107,528	147,662	7,931,757	6,879,612	63
9,614,300	1,328,538	1,523,394	6,268,155	449,726	21,911	22,576	10,687,728	10,010,935	323,977	288,862	63,954	27,393,190	16,705,462	64
1,989,106	224,712	153,991	1,599,245	8,963	----------	2,195	1,222,298	1,152,756	22,254	43,350	3,938	4,290,395	3,068,097	65
3,110,511	520,019	234,201	2,254,399	96,659	----------	5,233	1,354,837	1,201,310	20,049	70,901	62,577	6,267,776	4,912,939	66
5,526,851	265,991	1,006,731	3,959,305	288,733	----------	6,091	3,619,977	3,424,534	98,696	81,518	15,229	13,038,749	9,418,772	67
1,927,219	103,170	209,844	1,554,954	53,543	5,708	----------	1,358,195	1,070,357	205,140	81,067	1,631	4,095,462	2,737,267	68
393,534	153,488	33,134	189,576	15,256	2,080	----------	3,819,203	3,686,963	90,000	42,240	----------	5,431,128	1,611,925	69
20,732,147	1,477,115	1,558,024	8,513,770	8,262,377	235,119	685,742	23,273,966	21,775,001	1,020,792	478,173	----------	86,703,575	63,429,609	70

TABLE 8. GENERAL STATISTICS FOR THE

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS[1] Total[2]	Salaried officers of corporations[3]	Manufacturing: Salaried employees[4]	Manufacturing: Wage earners (average for year)[5]	Distribution	Construction	Other
1	6	Matches	3		765	1	102	662			
2	6	Mattresses and bedsprings	182	157	2,669	114	210	2,021	311	2	11
3	17	Measuring and dispensing pumps	4	1	201	9	23	137	32		
4	17	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	12	1	1,571	19	142	1,282	118		10
5	1	Meat packing, wholesale	86	44	8,937	124	813	5,755	2,156	41	48
6	17	Mechanical power-transmission equipment	27	4	2,809	48	384	2,177	198	1	4
7	4	Men's and boys' hats and caps (except felt and straw)	100	127	1,129	41	34	1,000	52		2
8	4	Men's and boys' shirts (except work shirts, collars, and nightwear) made in contract factories	28	25	1,435	13	30	1,385	6		1
9	4	Men's and boys' shirts (except work shirts), collars, and nightwear) made in inside factories or by jobbers engaging contractors	146	70	9,194	127	310	8,472	272		13
10	4	Men's and boys' suits, coats, and overcoats (except work clothing) made in contract factories	461	585	21,247	240	260	20,649	66	1	31
11	4	Men's and boys' suits, coats, and overcoats (except work clothing) made in inside factories or by jobbers engaging contractors	646	456	26,783	664	1,272	22,536	2,192	54	65
12	4	Men's and boys' underwear made in inside factories or by jobbers engaging contractors	7		316	5	18	286	1		
13	4	Men's neckwear made in contract factories	18	19	371	5	3	361	2		
14	4	Men's neckwear made in inside factories or by jobbers engaging contractors	172	176	3,495	94	175	2,877	334		15
15	17	Metalworking machinery and equipment, not elsewhere classified	18	4	2,565	28	360	1,941	222	2	12
16	4	Millinery	707	441	16,043	751	878	13,021	1,355		38
17	13	Minerals and earths, ground or otherwise treated	28	3	1,038	30	76	891	26	11	4
18	6	Mirror frames and picture frames	69	50	971	59	52	798	62		
19	13	Mirrors and other glass products made of purchased glass	169	123	2,914	176	203	2,297	228	1	9
20	20	Miscellaneous fabricated products not elsewhere classified	250	175	6,096	206	371	5,062	453	1	3
21	4	Miscellaneous fabricated textile products not elsewhere classified	103	84	1,669	64	133	1,359	105	1	7
22	20	Models and patterns (except paper patterns)	119	88	1,403	117	96	1,089	101		
23	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	150	81	1,587	146	121	1,116	187	3	14
24	19	Motorcycles, bicycles, and parts	6	1	928	12	59	849	8		
25	18	Motor vehicles, motor-vehicle bodies, parts and accessories	119	61	19,074	140	2,158	16,077	659	32	8
26	9	Mucilage, paste, and other adhesives, except glue and rubber cement	13	4	231	21	48	109	52		1
27	20	Musical instruments, parts, and materials not elsewhere classified	23	11	328	25	18	230	55		
28	20	Needles, pins, hooks and eyes, and slide and snap fasteners	15	4	1,885	20	92	1,614	113	46	
29	8	Newspapers: publishing and printing	459	287	30,614	394	9,589	13,995	6,543	93	
30	8	Newspapers: publishing without printing	59	15	493	36	322	44	91		
31	1	Nonalcoholic beverages	329	243	3,649	222	270	1,745	1,362	6	44
32	15	Nonferrous-metal foundries (except aluminum)	64	38	1,224	64	87	1,041	17	2	13
33	15	Nonferrous-metal products not elsewhere classified	110	51	4,445	131	553	3,378	289	57	37
34	17	Office and store machines not elsewhere classified	44	9	12,650	57	1,642	10,745	129	62	15
35	6	Office furniture	32	6	4,388	54	434	3,051	666	19	164
36	14	Oil burners, domestic and industrial	21	2	292	31	58	173	30		
37	20	Ophthalmic goods: lenses and fittings	32	13	5,811	52	931	4,190	528	94	16
38	20	Optical instruments and lenses	15	4	1,422	25	193	1,071	89	44	
39	10	Oven coke and coke-oven byproducts	8		2,637	3	212	2,196	167	51	8
40	9	Paints, varnishes, and lacquers	168	42	4,541	230	526	2,597	1,139	8	41
41	7	Paper and paperboard mills	110	8	14,891	117	1,435	12,700	352	272	15
42	7	Paper bags, except those made in paper mills	27	7	3,063	33	175	2,685	126	44	
43	7	Paperboard containers and boxes not elsewhere classified	329	131	15,289	508	997	12,557	1,189	34	4
44	17	Paper-mill, pulp-mill, and paper-products machinery	24	6	1,555	40	256	1,134	115		10
45	6	Partitions, shelving, cabinet work, and office and store fixtures	183	128	2,273	194	178	1,690	197	2	12
46	10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	21	3	218	10	25	173	10		
47	20	Pencils (except mechanical) and crayons	11	4	1,698	18	212	1,296	172		
48	20	Pens, mechanical pencils, and pen points	25	20	517	20	34	410	48	5	
49	9	Perfumes, cosmetics, and other toilet preparations	193	54	6,214	238	581	4,623	757	9	6
50	8	Periodicals: publishing and printing	54	9	6,459	105	1,464	3,254	1,567	45	24
51	8	Periodicals: publishing without printing	563	89	14,224	776	7,125	118	6,205		
52	10	Petroleum refining	9		2,703	6	312	1,523	289	448	125
53	8	Photoengraving, not done in printing establishments (including preparation of plates)	116	39	3,828	231	362	2,549	685	1	
54	20	Piano and organ parts and materials	6		249	9	13	223	4		
55	20	Pianos	13	3	1,864	16	161	1,654	27	6	
56	1	Pickled fruits and vegetables and vegetable sauces and seasonings	49	29	976	51	115	688	119		3
57	5	Planing mills not operated in conjunction with sawmills	242	135	3,482	237	304	2,507	372	15	47
58	9	Plastic materials	8		2,337	14	366	1,570	99	280	8
59	5	Plywood mills	6		391	16	32	339	4		
60	13	Porcelain electrical supplies	3		690	11	62	603	14		
61	13	Pottery products not elsewhere classified	4	2	41	6	4	27	4		
62	1	Poultry dressing and packing, wholesale	16	12	250	16	14	201	19		
63	14	Power boilers and associated products	41	12	1,295	58	171	932	133	1	
64	1	Prepared feeds (including mineral) for animals and fowls	123	58	3,597	122	501	2,242	622	71	39
65	1	Preserves, jams, jellies, and fruit butters	26	13	769	29	50	587	94	4	5

See footnotes at end of table.

STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [3]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [3]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
(5)	(5)	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	1
3,714,729	471,503	362,144	2,319,439	542,752	5,860	13,031	7,828,144	7,696,606	36,525	92,334	2,679	14,148,589	6,320,445	2
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	3
2,499,927	100,574	304,801	1,838,212	244,561	----------	11,779	2,250,019	2,157,945	29,240	61,061	1,773	8,439,960	6,189,941	4
14,700,113	732,544	1,556,185	8,679,563	3,583,825	74,030	73,966	129,654,081	128,519,915	556,914	377,731	199,521	155,400,375	25,746,294	5
4,658,851	353,344	725,747	3,057,737	515,677	1,294	5,052	4,546,859	4,250,293	111,177	130,226	55,163	12,831,423	8,284,564	6
1,258,064	99,928	45,489	1,054,979	56,193	----------	1,475	2,073,604	1,923,571	2,220	25,963	121,850	4,151,741	2,078,137	7
983,096	44,297	40,553	891,855	6,122	----------	269	143,502	118,787	4,349	17,749	2,617	1,390,218	1,246,716	8
8,294,345	602,914	438,430	6,826,638	401,035	----------	25,328	25,269,419	20,220,262	82,751	95,063	4,871,343	40,301,000	15,031,581	9
21,260,799	626,500	369,866	20,167,778	67,979	560	28,116	1,621,642	1,197,720	79,318	267,093	77,511	27,281,920	25,660,278	10
39,314,845	3,624,460	2,430,123	29,081,543	4,064,878	62,223	51,618	153,415,273	114,938,220	111,620	401,524	37,963,909	222,739,618	69,324,345	11
231,262	16,370	19,051	193,116	2,725	----------	----------	773,765	681,461	1,893	2,802	87,609	1,049,277	275,512	12
267,514	24,212	7,072	234,744	1,486	----------	----------	53,087	46,562	----------	6,525	----------	444,533	391,446	13
4,096,060	470,708	257,031	2,745,325	615,047	----------	7,949	12,028,901	11,314,018	9,982	55,343	649,558	20,068,119	8,039,218	14
4,393,796	190,109	659,424	3,059,442	471,065	3,434	10,322	3,334,404	3,080,663	79,200	95,272	79,269	8,915,682	5,581,278	15
22,939,888	2,860,400	1,499,654	16,284,017	2,247,142	----------	48,675	28,825,756	28,042,136	73,368	440,167	270,085	64,996,199	36,170,443	16
1,266,021	172,654	160,660	861,257	51,614	14,203	5,633	1,717,655	1,508,048	43,079	149,756	16,772	4,895,507	3,177,852	17
1,109,659	168,745	70,454	770,203	100,257	----------	----------	1,698,383	1,575,162	4,056	27,912	91,253	3,610,471	1,912,088	18
3,682,972	603,059	334,736	2,352,986	380,301	2,195	9,695	4,493,609	4,291,597	64,890	100,355	36,767	10,505,522	6,011,913	19
6,099,201	826,731	552,934	4,136,828	576,561	1,089	5,058	8,568,205	8,297,419	45,394	141,137	84,255	18,781,677	10,213,472	20
1,776,740	317,485	199,012	1,083,115	172,510	1,560	3,058	4,700,346	4,466,269	7,503	36,497	190,077	8,497,370	3,797,024	21
2,277,375	469,223	159,284	1,480,191	168,677	----------	----------	1,183,765	1,099,664	14,409	46,418	23,274	4,606,871	3,423,106	22
2,765,107	415,594	204,811	1,822,702	302,140	2,664	17,196	3,372,562	3,015,487	23,073	194,119	139,883	8,450,536	5,077,974	23
1,246,760	125,249	95,128	1,021,539	4,844	----------	----------	1,665,766	1,545,646	64,539	30,655	24,926	3,601,147	1,935,381	24
29,904,758	770,887	4,400,997	23,178,451	1,413,579	130,570	10,274	135,332,505	133,780,051	651,713	828,448	72,293	197,884,816	62,552,311	25
360,204	89,929	80,312	83,776	105,318	----------	869	553,766	535,717	11,849	6,200	----------	1,327,498	773,732	26
503,275	103,925	38,020	263,789	97,541	----------	----------	399,061	367,016	1,174	10,248	20,623	1,053,087	654,026	27
2,415,155	186,633	192,458	1,788,795	210,639	36,630	----------	2,508,073	2,436,735	17,513	48,509	5,316	5,884,022	3,375,949	28
65,771,261	2,846,694	23,878,155	27,436,935	11,386,394	223,083	----------	48,931,063	43,101,426	360,032	1,060,101	4,409,504	157,519,634	108,588,571	29
630,258	83,070	381,498	60,820	104,870	----------	----------	875,980	24,620	585	5,414	845,361	1,937,273	1,061,293	30
5,486,313	596,984	450,576	2,226,501	2,148,239	9,573	54,440	11,418,930	11,026,766	145,061	241,840	5,263	25,963,786	14,544,856	31
1,762,410	298,865	147,901	1,274,794	28,013	767	12,070	2,685,420	2,460,028	124,653	52,899	47,840	5,637,077	2,951,657	32
6,734,885	572,695	1,013,501	4,456,344	550,438	89,274	52,633	8,142,852	7,310,989	194,465	180,292	457,106	19,090,102	10,947,250	33
18,062,770	387,351	2,875,118	14,331,390	328,092	121,465	19,354	9,798,508	9,337,207	222,469	209,050	29,782	30,818,254	21,019,746	34
5,941,549	241,177	707,157	3,588,229	1,068,826	27,689	308,471	6,146,782	5,923,184	119,884	90,125	13,589	15,724,430	9,577,648	35
490,137	94,690	90,547	244,309	60,591	----------	----------	1,325,840	1,299,174	2,996	9,142	14,528	2,333,309	1,007,469	36
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	37
2,247,359	159,320	399,507	1,513,358	130,470	44,704	----------	782,395	696,181	22,188	24,744	39,282	3,720,031	2,937,636	38
4,755,049	23,280	627,373	3,730,287	324,368	39,384	10,357	27,903,206	26,949,496	642,932	310,778	----------	41,938,703	14,035,497	39
9,084,562	1,591,238	1,108,504	3,726,645	2,584,227	13,529	60,419	27,008,252	26,535,112	182,163	276,468	14,509	49,464,331	22,456,079	40
21,212,161	801,473	3,266,265	15,816,668	847,391	465,958	14,406	65,185,063	57,249,285	4,846,323	3,075,124	14,331	108,329,371	43,144,308	41
3,946,370	368,632	353,927	2,893,723	263,438	66,650	----------	14,304,508	14,129,837	37,619	93,156	43,896	23,040,261	8,735,753	42
19,782,834	2,873,164	1,884,578	12,587,684	2,365,895	66,909	4,604	34,939,314	34,174,949	245,908	420,672	97,785	66,885,977	31,946,663	43
2,703,582	317,725	518,200	1,599,740	256,915	----------	11,002	2,170,084	2,001,959	56,713	51,500	59,912	5,673,412	3,503,328	44
3,711,433	685,296	314,941	2,354,911	340,837	3,801	11,647	5,041,527	4,838,582	31,246	108,714	62,985	11,048,205	6,006,678	45
364,491	45,900	54,005	245,400	19,186	----------	----------	1,356,480	1,273,235	58,908	24,337	----------	2,552,371	1,195,891	46
2,161,836	163,522	445,559	1,212,978	339,777	----------	----------	2,409,458	2,320,656	62,298	26,504	----------	5,108,774	2,699,316	47
665,618	119,734	43,661	409,019	86,458	6,746	----------	1,058,394	1,016,263	351	14,223	27,557	2,149,243	1,090,849	48
8,279,734	1,388,311	1,043,396	4,231,589	1,597,307	11,981	7,150	21,878,060	21,595,417	42,475	98,397	141,771	51,964,567	30,086,507	49
11,655,248	818,120	2,988,143	5,252,529	2,508,814	70,490	17,152	6,751,282	4,789,276	92,867	158,063	1,711,076	30,684,067	23,932,785	50
34,818,806	5,951,780	14,572,533	190,147	14,104,346	----------	----------	74,097,919	28,785,741	1,358	84,285	45,226,535	166,625,357	92,527,438	51
5,169,165	50,825	747,695	2,789,911	476,067	909,985	194,682	36,857,945	34,946,122	1,731,094	180,729	----------	46,344,991	9,487,046	52
11,064,742	1,317,344	780,258	7,382,420	1,584,353	367	----------	2,036,826	1,683,895	19,406	184,725	148,800	16,296,293	14,259,467	53
358,715	80,454	37,303	235,975	4,983	----------	----------	362,785	352,029	5,238	5,518	----------	1,048,120	685,335	54
2,574,530	96,021	326,390	2,031,243	109,572	11,304	----------	4,090,433	3,994,222	55,691	39,981	539	6,914,190	2,823,757	55
1,354,830	236,654	284,984	628,808	201,474	----------	2,910	4,910,740	4,843,316	18,532	48,892	----------	9,439,482	4,528,742	56
5,342,624	812,888	505,889	3,352,215	598,621	16,822	56,189	9,592,650	9,247,639	90,021	218,643	36,347	18,259,579	8,666,929	57
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	58
458,080	62,794	44,727	338,209	12,350	----------	----------	724,323	690,031	18,301	15,321	670	1,475,366	751,043	59
812,199	62,510	139,766	588,243	21,680	----------	----------	972,353	880,783	74,466	17,104	----------	2,063,803	1,091,450	60
81,585	34,280	6,840	34,345	6,120	----------	----------	30,753	23,166	6,012	1,575	----------	144,632	113,879	61
380,842	78,497	24,256	226,682	51,407	----------	----------	1,387,170	1,372,813	7,618	6,739	----------	2,094,687	707,517	62
2,019,064	274,237	343,048	1,160,559	240,020	1,200	----------	3,372,666	3,139,396	79,219	105,613	48,438	6,861,876	3,489,210	63
5,941,570	805,311	913,267	3,013,973	1,090,216	73,113	45,690	74,977,513	74,344,596	164,945	434,391	33,581	92,881,744	17,904,231	64
865,907	133,877	81,058	495,255	141,510	7,486	6,721	4,589,224	4,517,993	48,261	22,814	156	6,176,501	1,587,277	65

TABLE 8.—GENERAL STATISTICS FOR THE

		INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS[1] Total[2]	Salaried officers of corporations[2]	Manufacturing: Salaried employees[2]	Manufacturing: Wage earners (average for year)[3]	Distribution	Construction	Other
1	17	Primary smelting and refining of nonferrous metals	3		2,341		321	1,988			32
2	9	Packing silk	45	6	1,294	61	258	709	262	1	3
3	17	Printing trades machinery and equipment	18	12	4,184	64	751	2,894	465		10
4	3	Processed waste and recovered wool fibers—contract factories	4	2	105	5	6	94			
5	3	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	11	4	778	19	53	664	42		
6	20	Professional and scientific instruments (except surgical and dental)	73	50	6,846	84	1,491	4,606	442	64	159
7	6	Public-building furniture	17	5	950	21	113	785	30		1
8	7	Pulp goods (pressed, molded)	4	1	173	3	6	164			
9	7	Pulp mills	35	1	1,827	9	131	1,678	1	8	
10	17	Pumping equipment and air compressors	31	9	2,837	48	487	2,065	220	3	14
11	1	Quick-frozen foods	4	4	116		5	111			
12	16	Radios, radio tubes, and phonographs	64	24	6,458	91	1,016	4,873	434	28	16
13	4	Raincoats and other waterproof garments (except oiled cotton)	35	21	860	34	64	677	84		1
14	6	Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets	12	7	410	13	32	320	45		
15	3	Rayon broad woven goods—regular factories or jobbers engaging contractors	11	1	1,024	10	63	936	15		
16	3	Rayon narrow fabrics	37	26	1,198	35	56	983	124		
17	3	Rayon yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	13	3	604	20	36	523	25		
18	17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	53	30	2,479	64	304	1,754	327		30
19	4	Robes, lounging garments, and dressing gowns	183	156	5,076	151	341	4,131	424		29
20	10	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	9	1	316	3	33	278	2		
21	11	Rubber products not elsewhere classified	66	21	5,377	73	439	4,481	268	103	13
22	12	Saddlery, harness, and whips	6	7	109	5	10	79	15		
23	1	Salad dressings	13	3	532	9	61	393	32	14	23
24	9	Salt	4		728	4	50	592	5	74	3
25	1	Sausage casings—not made in meat-packing establishments	8	2	159	6	11	140	2		
26	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	166	109	2,234	92	165	1,428	520	14	15
27	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	110	122	1,824	37	107	1,635	38	4	3
28	14	Saws	12	6	434	20	53	320	41		
29	17	Scales and balances	8	2	613	11	62	458	82		
30	14	Screw-machine products and wood screws	31	18	1,107	38	74	925	70		
31	15	Secondary smelting and refining, gold, silver, and platinum	19	12	170	13	28	93	33		3
32	15	Secondary smelting and refining of nonferrous metals, not elsewhere classified	10	6	510	21	34	380	70		5
33	17	Sewing machines, domestic and industrial	21	10	320	22	25	252	21		
34	15	Sheet-metal work not specifically classified	133	63	2,229	154	145	1,564	315		21
35	19	Shipbuilding and ship repairing	66	8	8,203	106	668	7,277	75	72	5
36	20	Signs, advertising displays, and advertising novelties	316	223	4,517	252	381	3,416	466	2	
37	3	Silk broad woven goods—regular factories or jobbers engaging contractors	9	4	577	6	41	514	16		
38	3	Silk narrow fabrics	21	8	577	21	28	506	17		5
39	3	Silk throwing and spinning—contract factories	5		1,125	1	28	1,096			
40	3	Silk yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	7	1	1,384	6	43	1,321	14		
41	15	Silverware and plated ware	45	29	4,091	76	301	3,184	523		7
42	12	Small leather goods	57	44	938	46	44	784	64		
43	9	Soap and glycerin	41	11	2,448	55	336	1,542	350	103	2
44	20	Soda fountains, beer dispensing equipment, and related products	15	5	165	15	13	106	31		
45	9	Soybean oil, cake, and meal	3		311		28	283			
46	1	Special dairy products	5	1	64	8	3	31	22		
47	17	Special-industry machinery, not elsewhere classified	23	9	389	31	53	293	12		
48	20	Sporting and athletic goods not elsewhere classified	52	37	2,375	50	168	2,005	143	9	
49	14	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	5		285	7	25	240	13		
50	14	Stamped and pressed metal products (except automobile stampings)	130	52	6,316	198	630	5,192	288	2	6
51	13	Statuary and art goods (except stone and concrete)—factory production	35	38	355	19	14	303	17		2
52	14	Steam and hot-water heating apparatus (including hot-water furnaces)	10		2,359	4	256	2,054	45		
53	13	Steam and other packing; pipe and boiler covering	27	14	1,049	22	112	862	33	20	
54	14	Steam fittings, regardless of material	24	3	930	33	96	755	48		
55	14	Steel barrels, kegs, and drums	3		219	2	38	174	4	1	
56	14	Steel castings	7		1,652	15	266	1,351	12	7	1
57	14	Steel works and rolling mills	15		18,926	24	1,791	16,353	240	488	30
58	17	Stokers, mechanical, domestic and industrial	3		218	2	23	179	12		2
59	14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	24	4	2,081	54	184	1,740	103		
60	12	Suitcases, brief cases, bags, trunks, and other luggage	112	81	1,690	116	79	1,377	118		
61	20	Surgical and medical instruments	13	6	562	15	41	465	36	2	3
62	20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	78	47	2,449	85	156	1,671	537		
63	4	Suspenders, garters, and other goods made from purchased elastic material	33	33	791	23	36	654	77		1
64	13	Tableware, pressed or blown glass, and glassware not elsewhere classified	11	2	4,129	18	493	3,348	233	37	
65	9	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	15	5	204	16	47	125	16		
66	4	Textile bags—not made in textile mills	37	19	1,903	41	109	1,633	114	3	3
67	17	Textile machinery	30	8	439	42	33	333	31		
68	15	Tin and other foils (except gold and silver foil)	3		440	3	36	341	54		6
69	14	Tin cans and other tinware not elsewhere classified	41	10	4,286	53	409	3,561	113	148	2
70	2	Tobacco (chewing and smoking) and snuff	15	9	198	14	12	128	43		1

See footnotes at end of table.

STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars (5)	Dollars	Dollars (5)	Dollars (5)	Dollars	Dollars	Dollars (5)	Dollars (5)	Dollars (5)	Dollars (5)	Dollars (5)	Dollars (5)	Dollars (5)	Dollars (5)	1
2,832,425	462,521	611,780	1,116,447	637,565	1,386	2,726	5,889,142	5,672,355	47,249	169,538	----------	12,580,741	6,691,599	2
7,536,479	464,443	1,447,965	4,826,356	787,544	----------	10,171	3,992,853	3,766,012	96,447	117,706	12,688	16,867,685	12,874,832	3
137,432	31,414	10,154	95,864	----------	----------	----------	17,175	1,312	2,164	13,699	----------	253,788	236,613	4
1,015,839	206,230	112,331	584,885	112,393	----------	----------	3,010,867	2,905,729	29,211	65,688	10,239	4,815,415	1,804,548	5
12,929,428	904,403	3,218,084	7,282,429	1,086,267	148,682	289,563	8,604,206	7,276,668	82,715	148,258	1,096,565	32,426,806	23,822,600	6
1,301,186	83,786	165,203	997,566	52,450	----------	2,181	1,387,611	1,241,701	39,069	55,276	51,565	3,407,131	2,019,520	7
205,561	30,921	18,347	156,293	----------	----------	----------	265,774	224,798	30,789	10,187	----------	700,973	435,199	8
2,178,065	37,016	264,312	1,862,363	5,000	9,374	----------	15,011,264	13,354,720	858,036	798,508	----------	18,982,363	3,971,099	9
4,266,469	230,189	844,187	2,892,564	281,507	4,240	13,782	6,358,389	6,175,908	142,185	36,973	3,323	15,106,854	8,748,465	10
64,929	----------	5,444	56,026	----------	3,459	----------	274,776	268,273	3,834	2,669	----------	433,142	158,366	11
9,037,702	712,873	1,893,626	5,652,620	715,172	44,801	18,610	22,239,236	21,172,935	86,657	154,508	825,136	40,995,021	18,755,785	12
1,062,698	130,310	103,246	701,677	126,952	----------	513	3,584,226	3,243,616	1,016	16,845	322,749	5,334,223	1,749,997	13
472,913	113,779	44,875	253,053	61,206	----------	----------	684,021	671,797	4,811	7,413	----------	1,279,968	595,947	14
1,154,356	87,056	105,720	875,602	85,978	----------	----------	6,347,483	6,005,412	37,616	66,133	238,322	8,330,039	1,982,556	15
1,283,513	168,625	107,661	884,735	122,492	----------	----------	1,867,638	1,810,166	7,395	43,971	6,106	4,290,270	2,422,632	16
550,266	88,509	50,441	370,271	41,045	----------	----------	2,548,594	2,481,896	6,985	47,817	11,896	3,591,446	1,042,852	17
3,825,372	258,123	573,601	2,368,112	599,637	----------	25,899	8,265,243	8,070,767	51,340	92,779	50,357	15,271,020	7,005,777	18
5,425,549	645,105	522,932	3,501,897	730,034	----------	25,581	18,604,515	16,066,894	5,697	98,433	2,433,491	27,908,499	9,303,984	19
344,157	6,500	63,857	270,946	2,854	----------	----------	1,810,149	1,736,965	33,371	39,813	----------	3,267,344	1,457,195	20
6,619,048	464,634	843,221	4,519,408	605,953	172,590	13,242	12,631,034	12,037,271	233,806	338,414	21,543	26,911,666	14,280,632	21
162,743	32,520	16,365	93,316	20,542	----------	----------	242,306	239,765	948	1,593	----------	445,575	203,269	22
874,539	41,951	111,879	602,581	59,197	21,724	37,207	6,884,037	6,822,793	39,473	21,771	----------	9,077,613	2,193,576	23
900,144	32,741	124,074	648,721	12,031	80,036	2,541	1,705,515	1,333,867	371,648	----------	----------	4,662,684	2,957,169	24
169,111	32,700	20,564	113,347	2,500	----------	----------	730,920	725,517	2,090	3,313	----------	1,018,341	287,421	25
3,841,665	497,482	317,041	2,043,078	946,785	14,735	22,544	26,502,311	26,087,542	148,387	260,382	6,000	32,939,679	6,437,368	26
1,576,216	118,675	143,766	1,264,781	34,819	12,940	1,235	1,894,874	1,738,803	53,326	64,453	38,292	4,506,942	2,612,068	27
711,765	142,265	88,356	415,671	65,473	----------	----------	567,449	517,407	17,901	31,590	551	1,788,604	1,221,155	28
922,227	101,198	127,030	431,011	262,988	----------	----------	1,205,971	1,178,381	5,108	14,455	8,027	2,482,127	1,276,156	29
1,675,777	255,187	137,857	1,131,122	151,611	----------	----------	1,777,034	1,670,760	24,877	66,877	14,520	4,636,567	2,859,533	30
365,087	87,403	50,964	148,785	75,344	----------	2,591	20,165,738	20,145,795	8,297	11,646	----------	21,026,954	861,216	31
996,151	123,431	90,054	580,835	196,631	----------	5,200	8,461,124	8,266,058	91,009	51,751	52,306	10,701,919	2,240,795	32
505,656	95,799	32,824	246,671	30,362	----------	----------	274,871	263,282	3,597	7,992	----------	1,029,224	754,353	33
3,497,246	597,170	242,171	2,071,151	564,017	----------	22,737	4,781,030	4,623,849	42,543	66,194	48,444	10,325,895	5,544,865	34
15,001,555	688,024	1,736,415	12,368,190	182,233	20,286	6,407	10,405,400	9,710,443	154,082	385,139	155,736	32,656,555	22,251,155	35
6,851,284	1,061,713	585,688	4,479,588	718,149	6,146	----------	6,514,451	6,015,232	57,656	123,364	318,199	17,744,615	11,230,164	36
635,005	27,572	70,937	505,696	30,800	----------	----------	1,332,988	1,227,521	17,561	29,613	58,293	2,361,274	1,028,286	37
599,192	75,911	41,421	453,011	23,359	----------	5,490	678,120	647,444	7,960	22,716	----------	1,902,218	1,224,098	38
(5)	(5)	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	39
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	40
5,958,801	409,364	555,039	4,033,105	955,496	----------	5,797	5,724,684	5,465,636	104,610	137,900	16,538	15,846,869	10,122,185	41
1,024,214	221,948	65,315	635,680	101,271	----------	----------	2,538,923	2,245,844	2,627	12,347	278,105	4,228,987	1,690,064	42
4,204,546	332,681	773,686	2,111,894	609,760	372,890	3,655	19,350,893	18,881,503	419,438	40,632	9,320	29,451,417	10,100,524	43
290,060	58,561	21,462	167,114	42,923	----------	----------	445,767	404,722	1,751	4,875	34,419	879,886	434,119	44
(5)	----------	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	45
130,403	50,009	3,582	27,666	49,146	----------	----------	744,241	740,471	1,045	2,725	----------	1,141,177	396,936	46
696,364	132,945	97,046	430,645	35,728	----------	----------	509,816	474,574	5,657	19,186	10,399	1,600,099	1,090,283	47
2,400,648	239,878	253,101	1,673,079	226,008	8,582	----------	3,017,362	2,940,816	29,411	45,139	1,996	6,496,307	3,478,945	48
442,057	35,119	47,660	345,903	13,375	----------	----------	1,237,397	1,169,891	13,089	53,507	910	1,885,960	648,563	49
8,501,547	992,648	1,120,050	5,843,485	537,069	3,017	5,278	12,896,513	12,138,928	226,845	255,537	275,203	27,306,905	14,410,392	50
579,662	106,430	18,510	425,512	28,168	----------	1,042	278,005	258,061	7,075	11,628	1,241	1,172,183	894,178	51
3,083,693	17,600	487,199	2,508,050	70,844	----------	----------	3,574,372	3,220,663	214,374	139,335	----------	11,155,973	7,581,601	52
1,513,358	122,006	222,837	1,057,526	80,989	30,000	----------	2,497,568	2,388,491	74,008	34,979	----------	5,025,187	2,527,619	53
1,305,886	179,752	163,679	845,488	116,967	----------	----------	1,326,677	1,217,109	51,616	34,106	23,846	3,325,560	1,998,883	54
312,945	23,750	65,795	219,545	3,059	796	----------	985,633	965,788	8,826	11,019	----------	1,500,639	515,006	55
2,600,214	74,482	531,186	1,936,256	37,974	18,570	1,766	2,341,463	1,873,534	248,257	214,850	4,822	6,565,591	4,224,128	56
30,684,495	177,022	3,966,443	25,692,389	479,469	326,980	42,192	54,837,780	46,193,293	6,425,772	2,218,715	----------	111,546,260	56,708,480	57
301,689	9,100	49,823	213,767	26,191	----------	2,808	379,119	354,185	14,299	10,126	509	1,212,646	833,527	58
3,002,697	289,671	341,151	2,127,051	244,824	----------	----------	4,282,800	4,010,910	166,173	104,514	1,203	9,343,636	5,060,836	59
2,015,479	343,459	103,371	1,378,458	190,191	----------	----------	3,756,142	3,681,947	3,085	32,845	37,265	6,865,228	3,109,086	60
960,843	137,448	86,908	598,631	102,831	1,671	23,354	600,834	572,575	7,685	16,156	4,418	1,833,989	1,233,155	61
3,721,434	465,404	306,418	1,718,221	1,231,391	----------	----------	9,801,347	9,681,930	24,740	69,575	25,102	18,213,177	8,411,830	62
739,294	61,062	44,016	522,141	111,174	----------	901	2,781,906	2,726,755	2,520	10,557	42,074	4,257,809	1,475,903	63
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	64
489,119	148,509	104,740	174,404	61,466	----------	----------	1,712,370	1,679,040	20,441	12,889	----------	3,448,974	1,736,604	65
2,298,142	367,749	245,201	1,462,097	217,133	3,350	2,612	10,945,998	10,838,124	26,946	41,907	39,021	15,199,418	4,253,420	66
659,288	133,353	64,625	407,935	53,375	----------	----------	483,807	463,045	5,715	14,695	352	1,504,709	1,020,902	67
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	68
5,636,955	299,934	852,033	4,045,789	237,551	198,641	3,007	20,295,040	19,954,757	177,649	156,890	5,744	33,674,290	13,379,250	69
203,696	49,583	15,493	106,872	31,228	----------	520	548,589	543,026	2,507	3,056	----------	861,776	313,187	70

TABLE 8.—GENERAL STATISTICS FOR THE

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS[1] Total[2]	Salaried officers of corporations[3]	Manufacturing: Salaried employees[2]	Manufacturing: Wage earners (average for year)[3]	Distribution	Construction	Other
1	20	Tobacco pipes and cigarette holders	15	8	1,161	24	73	1,000	63	1	
2	14	Tools (except edge tools, machine tools, files, and saws)	53	34	2,488	49	224	2,099	95	15	6
3	4	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories	306	305	5,076	200	137	4,451	252	3	33
4	4	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	150	126	2,317	111	156	1,795	244	3	8
5	4	Trousers (semidress), wash suits, and washable service apparel	68	57	1,910	58	62	1,711	78		1
6	20	Umbrellas, parasols, and canes	55	54	978	35	42	843	58		
7	6	Upholstered household furniture	162	85	5,304	225	363	4,314	385		17
8	17	Vending, amusement, and other coin-operated machines	5	1	225	7	26	175	17		
9	6	Venetian blinds	51	40	818	41	56	646	71		4
10	1	Vinegar and cider	22	17	150	1	16	118	9		6
11	14	Vitreous enameled products, including kitchen, household, and hospital utensils	4		414	5	38	365	6		
12	13	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	17	4	421	20	41	284	69	6	1
13	7	Wallpaper	11	1	1,238	24	117	961	136		
14	15	Watchcases	35	27	938	37	79	763	59		
15	6	Window and door screens and weather strip	14	8	210	14	13	146	34		3
16	6	Window shades	72	57	1,043	35	95	822	85	5	1
17	1	Wines	39	13	725	34	67	428	186	10	
18	14	Wire drawn from purchased rods	8		2,722	18	217	2,432	52	3	
19	14	Wirework not elsewhere classified	123	96	2,783	134	261	2,182	188	12	6
20	16	Wiring devices and supplies	27	7	4,356	47	479	3,552	257	15	6
21	4	Women's and misses' blouses and waists—made in contract factories	70	79	2,436	17	29	2,384	4		2
22	4	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors	92	52	2,326	104	143	1,593	479		7
23	4	Women's and misses' clothing, not elsewhere classified—made in contract factories	45	39	1,455	30	22	1,397	6		
24	4	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	88	53	2,395	104	91	1,824	358		18
25	4	Women's and misses' dresses (except house dresses)—made in contract factories	1,120	1,208	34,170	430	297	33,265	108		70
26	4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	944	309	36,439	1,403	2,533	26,306	5,838	1	358
27	4	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics	80	85	2,371	45	101	2,118	102		5
28	4	Women's, children's, and infants' underwear and nightwear of knitted fabrics	84	58	2,971	83	85	2,632	157	3	11
29	4	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	221	174	9,107	185	408	7,843	642	1	28
30	4	Women's neckwear, scarfs, etc.	87	83	1,903	66	94	1,505	232		6
31	12	Women's pocketbooks, handbags, and purses	191	142	7,564	206	349	6,564	438	1	6
32	6	Wooden boxes except cigar boxes	51	30	883	45	71	713	52	2	
33	6	Wood preserving	4		208	3	24	164	17		
34	6	Wood products not elsewhere classified	108	79	2,224	117	153	1,844	91	13	6
35	17	Woodworking machinery	10		489	17	78	335	51	2	6
36	3	Woolen and worsted manufactures—contract factories	3	2	131	1	7	123			
37	3	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	37	8	7,894	66	621	7,021	141	34	11
38	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	115	85	3,364	94	160	2,938	166		6
39	4	Work gloves and mittens: cloth, cloth and leather combined	4	2	389	7	5	371	6		
40	4	Work shirts	8	2	399	8	24	341	26		
41	9	Writing ink	5	3	70	10	5	38	17		
42	14	Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills	3		452	3	70	365	14		
43	16	X-ray and therapeutic apparatus and electronic tubes	18	3	548	25	128	350	45		
44		Other industries[6]	391	131	80,862	451	12,907	62,001	2,724	2,407	372
		OTHER INDUSTRIES, BY INDUSTRY GROUPS[6]									
45	1	Food and kindred products	27	3	3,634	21	343	2,644	461	99	66
46	3	Textile-mill products and other fiber manufactures	36	17	4,971	29	357	4,538	42		5
47	4	Apparel and other finished products made from fabrics and similar materials	8	8	128	2		126			
48	6	Furniture and finished lumber products	5	1	789	3	104	681	1		
49	9	Chemicals and allied products	41	14	6,217	38	801	4,813	147	396	22
50	13	Stone, clay, and glass products	33	5	7,696	54	712	6,447	406	71	6
51	14	Iron and steel and their products, except machinery	23	4	1,982	31	266	1,573	112		
52	15	Nonferrous metals and their products	27	10	5,142	24	701	4,303	75		39
53	16	Electrical machinery	65	24	17,744	80	4,149	12,915	436	10	154
54	17	Machinery (except electrical)	11	1	1,305	26	235	892	131	21	
55	19	Transportation equipment except automobiles	9	1	3,742	4	496	3,189	28	25	
56	20	Miscellaneous industries	95	33	24,992	132	4,577	17,601	846	1,761	75
57	5	Lumber and timber basic products	7	8	391	1	11	379			
58	11	Rubber products	2	2	2,129	6	155	1,900	39	24	5
59	18	Automobiles and automobile equipment	2								

* As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.
[2] Figures do not include data for personnel of central-administrative offices.
[3] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
1,447,404	150,197	114,763	1,102,511	78,113	1,820	----------	1,178,269	1,130,025	10,412	36,916	916	3,320,010	2,141,741	1
3,599,558	232,788	481,037	2,690,312	169,448	19,776	6,197	3,686,075	3,325,381	195,328	122,178	43,188	10,022,552	6,336,477	2
5,667,962	704,160	193,708	4,427,333	311,179	6,775	24,807	1,445,515	1,226,388	23,855	117,773	77,499	10,188,922	8,743,407	3
2,747,485	524,071	211,737	1,610,123	387,157	9,928	4,469	7,979,860	7,734,056	2,114	55,811	187,879	12,622,878	4,643,018	4
2,163,659	221,933	117,727	1,700,141	122,973	----------	885	4,904,196	4,005,924	18,922	36,136	843,214	8,676,881	3,772,685	5
960,405	141,652	65,935	688,149	64,669	----------	----------	3,068,129	2,985,649	6,282	13,685	62,513	4,617,244	1,549,115	6
7,026,706	815,954	561,006	4,949,949	685,174	----------	14,623	11,434,185	11,203,380	71,977	114,324	44,504	22,699,493	11,265,308	7
318,411	58,240	52,414	178,588	29,169	----------	----------	425,402	418,701	810	5,891	----------	921,327	495,925	8
916,139	122,134	73,023	638,914	80,551	----------	1,517	2,347,236	2,310,746	17,250	19,240	----------	4,021,708	1,674,472	9
140,775	4,326	21,294	104,757	8,842	----------	1,556	434,554	401,446	16,000	17,108	----------	872,801	438,247	10
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	11
640,736	114,446	73,122	323,057	118,727	9,421	1,963	1,645,601	1,552,153	12,194	79,436	1,818	2,883,825	1,238,224	12
2,020,354	153,046	223,872	1,338,295	305,141	----------	----------	2,403,351	2,303,609	65,760	33,982	----------	5,914,474	3,511,123	13
1,508,811	207,143	172,277	975,865	153,526	----------	----------	1,829,517	1,776,089	3,394	26,272	23,762	4,048,671	2,219,154	14
238,811	36,065	17,071	135,988	46,687	----------	3,000	359,338	351,819	3,021	4,168	330	771,981	412,643	15
1,233,840	136,483	157,069	840,536	92,643	6,049	1,060	4,211,898	4,158,323	28,747	22,887	1,941	6,703,975	2,492,077	16
1,125,803	145,980	160,784	405,981	400,479	12,579	----------	3,041,517	2,988,892	15,582	37,043	----------	5,657,600	2,616,083	17
3,895,551	260,057	529,499	2,940,252	160,929	4,814	----------	7,775,077	7,410,760	205,038	159,279	----------	13,575,599	5,800,522	18
3,782,791	637,964	488,572	2,322,244	308,285	17,671	8,055	4,578,211	4,357,185	48,049	112,966	60,011	11,082,540	6,504,329	19
5,515,871	349,404	864,358	3,706,007	567,380	23,593	5,129	7,823,246	7,533,059	178,923	111,264	----------	17,287,579	9,464,333	20
1,822,874	48,110	39,361	1,731,599	2,206	----------	1,598	131,421	82,707	2,661	35,146	10,907	2,536,455	2,405,034	21
3,265,505	559,966	265,047	1,526,547	907,303	----------	6,642	17,450,046	12,256,923	133	48,525	5,144,465	23,968,607	6,518,561	22
1,357,224	92,148	30,252	1,228,578	6,246	----------	----------	181,964	118,624	4,047	27,913	31,380	2,187,622	2,005,658	23
3,247,635	481,710	132,771	1,929,960	682,816	----------	20,378	12,618,443	10,090,211	1,321	50,856	2,476,055	17,761,253	5,142,810	24
35,775,086	1,155,757	481,911	33,981,802	100,988	----------	54,628	1,947,493	1,328,994	43,870	525,852	48,777	46,199,165	44,251,672	25
60,700,141	7,913,478	4,714,648	37,043,205	10,592,712	1,938	434,160	220,414,266	157,969,429	18,707	926,648	61,499,482	321,951,323	101,537,057	26
1,879,255	148,267	121,319	1,479,040	126,230	----------	4,399	5,209,523	4,549,536	1,457	35,116	623,414	8,412,785	3,203,262	27
2,414,152	259,163	130,936	1,837,045	171,918	5,340	9,750	6,515,802	6,291,242	1,000	47,380	176,180	10,152,849	3,637,047	28
9,262,947	1,025,543	658,513	6,401,381	1,152,639	1,633	23,238	30,479,695	27,031,856	9,563	142,309	3,295,967	46,137,426	15,657,731	29
2,253,559	383,841	136,811	1,389,241	338,452	----------	5,214	6,156,118	5,490,527	2,854	33,176	629,561	10,217,087	4,060,969	30
7,985,847	879,698	644,422	5,818,379	634,433	3,655	5,260	19,837,790	18,069,744	5,737	92,243	1,670,066	32,401,424	12,563,634	31
1,049,121	145,727	92,334	715,703	92,957	2,400	----------	1,922,695	1,837,320	13,349	60,933	11,093	3,543,862	1,621,167	32
235,183	14,290	38,014	150,985	31,894	----------	----------	1,398,809	1,377,164	18,617	2,600	428	1,955,097	556,288	33
2,618,125	462,212	239,047	1,715,207	178,167	14,775	8,717	3,868,281	3,677,089	31,322	155,809	4,061	8,530,638	4,662,357	34
749,683	87,764	144,275	439,695	68,005	814	9,130	928,119	898,883	13,753	15,483	----------	1,839,792	911,673	35
(5)	(5)	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	36
9,607,864	677,005	1,320,261	6,972,204	575,347	47,140	15,907	19,698,160	18,942,762	454,835	197,528	103,035	35,868,482	16,170,322	37
3,297,943	415,215	228,880	2,367,926	268,686	----------	17,236	9,248,580	8,071,308	24,960	53,587	1,098,725	14,567,612	5,319,032	38
262,866	18,096	9,809	228,517	6,444	----------	----------	424,035	418,393	481	5,161	----------	827,592	403,557	39
373,376	25,176	53,830	221,495	72,875	----------	----------	709,439	641,984	5,753	7,859	53,843	1,288,501	579,062	40
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	41
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	42
949,556	87,479	234,103	543,271	84,703	----------	----------	1,178,792	1,136,196	5,903	18,296	18,397	2,462,956	1,284,164	43
132,402,479	3,529,851	29,449,028	88,844,946	5,957,138	4,003,308	618,208	254,120,076	239,301,575	7,663,448	6,147,254	1,007,799	535,070,633	280,950,557	44
5,511,649	213,438	861,593	3,358,484	738,040	227,768	112,326	13,731,984	13,204,785	400,762	126,437	----------	43,332,705	29,600,721	45
5,643,283	198,122	751,378	4,635,654	51,974	----------	6,155	16,215,586	15,262,271	249,154	276,185	427,976	26,389,307	10,173,721	46
81,027	3,300	----------	77,727	----------	----------	----------	26,044	22,375	85	3,584	----------	147,619	121,575	47
887,446	13,600	181,236	691,797	813	----------	----------	1,805,492	1,679,163	109,333	16,657	339	3,305,519	1,500,027	48
10,902,498	302,516	1,946,845	7,655,417	349,949	621,031	26,740	29,610,811	27,702,756	1,482,906	418,654	6,495	57,275,657	27,664,846	49
11,331,260	388,877	1,737,102	8,058,112	1,064,412	75,156	7,601	8,295,250	6,542,575	1,441,359	303,182	8,134	27,276,829	18,981,579	50
3,038,600	232,989	618,329	1,960,361	226,921	----------	----------	7,236,206	6,856,579	147,003	148,834	83,790	13,132,279	5,896,073	51
8,468,071	117,883	1,535,752	6,656,885	115,140	----------	42,411	72,594,143	68,177,516	1,049,518	3,093,640	273,469	95,622,597	23,028,454	52
32,313,613	577,841	9,987,005	20,547,541	936,548	10,531	254,147	36,150,733	34,497,065	912,777	720,955	19,936	89,797,203	53,646,470	53
2,473,984	242,920	472,494	1,188,350	565,270	4,950	----------	3,547,948	3,486,787	38,587	22,574	----------	7,537,169	3,989,221	54
6,048,194	32,700	1,131,989	4,769,023	54,512	59,970	----------	15,279,953	14,793,898	409,482	76,169	404	22,624,405	7,344,452	55
42,045,294	1,091,273	9,941,048	26,089,641	1,779,625	2,979,978	163,729	36,949,239	34,961,354	1,245,312	618,134	124,439	127,633,286	90,684,047	56
3,657,560	114,392	284,257	3,155,954	73,934	23,924	5,099	12,676,687	12,114,451	177,170	322,249	62,817	20,996,058	8,319,371	57, 58, 59

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[6] For numbers of establishments and of wage earners in individual industries, see table 12.

TABLE 9.—GENERAL STATISTICS FOR INDUSTRIAL

[This table presents, for the industrial areas, separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for which combined figures are given, however, reported larger numbers of

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [1]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [3]	Manufacturing: Wage earners (average for year) [4]	Distribution	Construction	Other
		NEW YORK CITY-NEWARK-JERSEY CITY INDUSTRIAL AREA									
1		All industries, total	33,385	23,156	1,092,792	30,673	104,601	849,608	96,163	7,074	4,673
2	13	Abrasive wheels, stones, paper, cloth, and related products	18	7	355	19	22	249	62	2	1
3	19	Aircraft and parts, including aircraft engines	9	4	7,223	25	1,069	5,734	268	120	7
4	15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	29	5	3,343	32	373	2,703	79	140	16
5	15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	21	13	2,749	17	489	2,229	14		
6	3	Artificial leather and oilcloth	13	6	1,585	22	174	1,255	115	19	
7	20	Artists' materials	20	13	213	20	30	141	22		
8	13	Asbestos products (except steam packing and pipe and boiler covering)	7		644	9	59	511	60	5	
9	16	Automotive electrical equipment	17	2	1,284	24	162	1,008	81		9
10	1	Baking powder, yeast, and other leavening compounds	10	2	1,074	10	106	542	302	114	
11	6	Baskets for fruits and vegetables	5	5	30			30			
12	16	Batteries, storage and primary (dry and wet)	15		2,413	14	226	1,973	189	6	5
13	3	Batting, padding, and wadding; upholstery filling	11	1	155	12	20	107	15		1
14	20	Beauty-shop and barber-shop equipment	25	6	1,091	39	93	839	120		
15	1	Biscuit, crackers, and pretzels	28	11	5,863	33	215	4,879	630	8	98
16	1	Blended and prepared flour made from purchased flour	3	2	64	2	4	32	26		
17	19	Boat building and boat repairing	14	7	237	11	25	198	3		
18	8	Bookbinding and related industries	399	317	9,849	359	720	8,415	355		
19	8	Books: printing without publishing	173	77	5,223	243	601	4,127	252		
20	8	Books: publishing and printing	19	8	871	13	137	695	26		
21	8	Books: publishing without printing	251	49	5,812	385	3,138	89	2,200		
22	12	Boot and shoe cut stock and findings	49	30	1,305	50	110	1,075	70		
23	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	2,735	2,717	35,954	670	1,493	29,578	3,640	106	467
24	13	Brick and hollow structural tile	9	[illegible]	780	6	22	722	25	5	
25	20	Brooms	10	14	70	4	5	54	7		
26	20	Brushes	66	44	1,902	67	188	1,456	189	2	
27	20	Buttons	179	187	4,645	122	222	4,100	163	38	
28	9	Candles	10	3	421	20	26	336	39		
29	1	Candy and other confectionery products	134	67	7,906	158	404	6,680	603	19	42
30	1	Cane-sugar refining	7		4,525		562	3,733	26	106	98
31	1	Canned and dried fruits and vegetables (including canned soups)	17	8	1,256	11	65	1,130	48		2
32	1	Canned fish, crustacea, and mollusks	4		44	7	4	20	13		
33	4	Canvas products (except bags)	49	23	689	52	66	471	99		1
34	20	Carbon paper and inked ribbons	13	6	769	17	51	472	227	2	
35	16	Carbon products for the electrical industry, and manufactures of carbon or artificial graphite	5	1	268	7	29	192	40		
36	3	Carpets and rugs, wool	5		5,876	14	260	4,963	604	35	
37	3	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	10	7	147	8	9	120	10		
38	17	Cars and trucks, industrial	3	1	37	2	8	27			
39	6	Caskets, coffins, burial cases, and other morticians' goods	40	21	1,067	28	79	834	117	1	8
40	1	Cereal preparations	4		137	5	17	87	21	5	2
41	1	Cheese	9	3	52	5	6	36	5		
42	9	Chemicals not elsewhere classified	112	7	10,556	116	1,695	7,379	551	492	323
43	1	Chewing gum	6		1,623	12	201	972	391		47
44	4	Children's and infants' wear not elsewhere classified—made in contract factories [6]	16	16	752	6	14	726	[illegible]		
45	4	Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors [6]	80	54	2,973	74	132	2,559	204	2	2
46	4	Children's coats—made in contract factories	38	41	849	10	13	825			1
47	4	Children's coats—made in inside factories or by jobbers engaging contractors [6]	96	62	2,539	109	210	1,888	306	1	25
48	4	Children's dresses—made in contract factories	60	66	1,819	7	24	1,783	5		
49	4	Children's dresses—made in inside factories or by jobbers engaging contractors	112	68	4,379	142	253	3,520	451		13
50	20	Children's vehicles	9	7	312	10	17	271	14		
51	13	China firing and decorating (for the trade)	8	7	104	8		83	13		
52	1	Chocolate and cocoa products	13	3	1,592	14	105	1,112	124	4	233
53	6	Cigar boxes: wooden, part wooden	6		617	16	21	563	14		3
54	2	Cigarettes	13	2	1,429	9	70	1,225	53		72
55	2	Cigars	133	112	6,954	52	334	6,291	238	16	23
56	9	Cleaning and polishing preparations, blackings, and dressings	123	55	2,083	131	221	1,177	527	9	18
57	4	Clothing, leather and sheep-lined	24	20	739	25	35	652	27		
58	3	Cloth sponging and miscellaneous special finishing	48	10	1,380	85	97	1,048	136		14
59	7	Coated and glazed paper	26	5	1,083	37	104	880	61	1	
60	4	Coats, suits, and skirts (except fur coats)—made in contract factories	698	813	17,307	278	203	16,733	65	[illegible]	26
61	4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	682	403	16,276	836	1,072	11,994	2,244		130
62	14	Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills	3		549	5	48	494	2		
63	9	Colors and pigments	30	1	2,380	45	517	1,563	83	161	11
64	17	Commercial laundry, dry-cleaning, and pressing machinery	14	4	294	20	42	186	46		
65	16	Communication equipment	68	21	11,261	83	2,339	7,997	593	185	64
66	9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	14		536	[illegible]	38	308	186		
67	13	Concrete products	114	46	2,006	105	135	1,525	197	38	6

See footnotes at end of table.

AREAS, BY INDUSTRIES: 1939

individual establishments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for wage earners or larger values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [3]	Salaries of officers of corporations [1]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
NEW YORK CITY-NEWARK-JERSEY CITY INDUSTRIAL AREA														
Dollars 1,616,810,823	*Dollars* 156,026,879	*Dollars* 214,456,259	*Dollars* 1,042,681,700	*Dollars* 182,228,305	*Dollars* 14,254,146	*Dollars* 7,163,534	*Dollars* 3,887,580,270	*Dollars* 3,523,042,272	*Dollars* 41,872,413	*Dollars* 39,574,278	*Dollars* 283,091,307	*Dollars* 6,948,444,631	*Dollars* 3,060,864,361	1
525,431	112,756	64,232	234,191	99,578	11,855	2,819	1,040,659	1,014,109	1,609	17,775	7,166	1,961,531	920,872	2
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	3
5,636,310	223,919	773,591	4,233,106	169,201	218,677	17,816	49,699,725	48,790,991	321,387	490,500	96,847	62,067,011	12,367,286	4
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	5
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	6
340,459	80,994	53,710	173,832	31,923	----------	----------	1,020,196	1,004,245	5,095	10,856	----------	1,720,127	699,931	7
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	8
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	9
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	10
27,689	----------	----------	27,689	----------	----------	----------	33,997	33,551	8	438	----------	83,036	49,039	11
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	12
184,329	48,162	20,184	97,935	16,768	----------	1,280	999,834	971,270	1,413	27,151	----------	1,457,420	457,586	13
1,413,740	239,179	204,613	798,908	171,040	----------	----------	1,872,176	1,785,301	5,884	31,703	49,288	5,335,612	3,463,436	14
7,071,262	245,057	507,992	5,009,804	761,150	144,723	402,536	13,514,625	13,025,418	316,627	172,580	----------	37,177,480	23,662,855	15
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	----------	(5)	----------	(5)	(5)	16
398,111	59,388	47,901	271,500	19,322	----------	----------	518,984	507,202	1,083	10,699	----------	1,079,587	560,603	17
12,576,529	1,583,578	1,246,530	9,073,553	655,976	16,892	----------	7,656,648	6,846,166	40,919	293,550	476,013	27,944,167	20,287,519	18
10,207,786	1,427,547	1,251,686	6,887,730	640,823	----------	----------	9,509,183	8,187,871	32,015	276,626	1,012,671	24,746,632	15,237,449	19
1,538,458	68,370	381,869	1,044,396	43,823	----------	----------	1,115,589	902,888	13,251	27,527	171,923	4,508,600	3,393,011	20
12,069,432	2,861,043	5,199,485	137,738	3,871,166	----------	----------	20,128,467	4,856,812	1,939	62,093	15,207,623	65,470,252	45,341,785	21
1,349,609	199,602	171,779	890,274	87,954	----------	----------	2,993,725	2,941,508	3,572	48,645	----------	5,026,818	2,033,093	22
55,948,912	2,375,894	3,063,387	45,147,150	4,712,857	165,185	484,439	90,991,404	86,342,500	2,724,728	1,923,732	444	197,102,650	106,111,246	23
961,231	49,700	49,364	793,531	58,439	10,197	----------	577,380	129,370	394,452	53,558	----------	2,046,712	1,469,332	24
69,195	7,400	4,160	48,349	9,286	----------	----------	151,956	148,447	595	2,914	----------	286,133	134,177	25
2,470,032	345,311	329,003	1,480,839	310,130	4,749	----------	6,307,008	6,230,635	23,036	52,622	715	10,376,564	4,069,556	26
4,536,909	500,072	362,012	3,395,597	247,861	31,367	----------	5,038,118	4,618,957	41,239	163,296	214,626	11,966,373	6,928,255	27
587,206	91,631	72,995	351,527	71,053	----------	----------	1,306,269	1,280,168	16,732	9,369	----------	2,229,523	923,254	28
8,545,016	814,649	741,201	6,013,297	897,485	27,752	50,632	19,570,255	18,969,722	270,441	265,401	64,691	36,293,058	16,722,803	29
7,123,183	----------	1,332,615	5,348,241	90,517	145,400	206,410	90,962,258	89,529,085	1,415,284	17,889	----------	107,082,668	16,120,410	30
1,152,828	61,705	136,943	812,024	138,763	275	3,118	5,490,640	5,453,343	24,470	12,827	----------	8,131,590	2,640,950	31
73,636	38,553	3,470	19,946	11,667	----------	----------	267,980	263,839	2,314	1,827	----------	449,151	181,171	32
1,102,341	236,800	122,491	577,482	163,978	----------	1,590	2,589,622	2,561,833	10,776	15,413	1,600	4,315,590	1,725,968	33
1,246,537	171,387	128,788	548,196	394,256	3,910	----------	2,734,657	2,688,238	12,566	33,853	----------	5,675,255	2,940,598	34
466,648	38,251	70,529	266,870	90,998	----------	----------	443,907	376,018	7,930	24,692	35,267	1,408,872	964,965	35
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	36
121,432	24,860	7,441	79,270	9,861	----------	----------	277,488	272,548	777	4,163	----------	456,538	179,050	37
(5)	(5)	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	38
1,598,576	109,667	141,030	1,143,778	192,704	1,150	10,247	2,286,331	2,213,136	22,268	47,747	3,180	4,457,225	2,170,894	39
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	40
68,857	11,900	9,795	37,162	10,000	----------	----------	619,806	609,505	4,260	6,041	----------	749,273	129,467	41
20,678,690	970,617	4,660,757	12,084,903	1,403,499	1,020,286	538,628	53,154,628	50,093,283	2,372,400	685,677	3,268	106,704,174	53,549,546	42
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	43
577,590	19,359	19,556	535,475	3,200	----------	----------	52,856	35,537	2,465	11,509	3,345	819,833	766,977	44
3,035,896	312,785	223,379	2,200,571	294,068	2,900	2,193	7,699,230	6,460,998	6,087	50,572	1,181,573	12,610,569	4,911,339	45
1,009,265	23,106	17,960	967,931	----------	----------	268	168,791	144,244	5,249	15,279	4,019	1,438,544	1,269,753	46
4,132,214	498,906	340,420	2,789,331	477,927	1,300	24,330	16,717,377	13,462,216	2,446	70,573	3,182,142	24,031,173	7,313,796	47
1,149,926	12,016	33,624	1,098,270	6,016	----------	----------	70,288	40,849	3,016	23,043	3,380	1,599,036	1,528,748	48
5,248,561	800,054	446,392	3,208,030	778,808	----------	15,277	15,970,310	11,966,380	4,226	83,713	3,915,991	24,788,895	8,818,585	49
414,537	34,295	34,511	316,654	29,077	----------	----------	874,390	859,551	5,938	8,901	----------	1,508,149	633,759	50
101,343	22,430	----------	60,117	18,796	----------	----------	188,139	159,004	10,174	1,603	17,358	372,252	184,113	51
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	52
591,753	122,100	35,808	414,045	15,927	----------	3,873	513,452	496,326	3,437	13,689	----------	1,325,712	812,260	53
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	54
5,684,178	284,017	518,295	4,434,418	400,543	25,216	21,689	10,937,156	10,804,762	33,216	98,178	1,000	21,395,463	10,458,307	55
3,386,637	702,278	396,946	1,305,090	950,801	9,081	22,441	8,834,687	8,686,960	52,757	73,970	21,000	20,075,309	11,240,622	56
779,849	89,782	47,629	598,017	44,421	----------	----------	1,937,867	1,837,569	548	10,007	89,743	3,051,135	1,113,268	57
2,604,067	480,351	183,790	1,627,322	290,597	----------	22,007	2,884,027	2,742,097	81,799	60,131	----------	8,009,250	5,125,223	58
1,563,951	280,994	188,622	990,824	101,911	1,600	----------	6,244,412	6,120,746	31,808	85,349	6,509	10,912,818	4,668,406	59
19,817,728	630,524	272,112	18,831,279	63,158	1,976	18,679	2,017,615	1,243,758	86,787	264,922	422,148	26,808,768	24,791,153	60
30,637,596	4,258,058	1,690,884	19,996,881	4,539,134	----------	152,639	152,434,386	119,830,076	49,438	471,034	32,083,838	208,460,460	56,026,074	61
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	62
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	63
464,336	73,616	59,621	233,043	98,056	----------	----------	816,809	798,996	2,450	11,193	4,170	1,849,104	1,032,295	64
19,254,083	514,278	6,474,027	10,483,362	1,200,487	483,929	98,000	13,041,546	12,488,171	215,091	176,976	161,308	42,301,859	29,260,313	65
990,227	46,999	103,365	468,929	370,934	----------	----------	938,467	685,533	23,929	229,005	----------	4,061,301	3,122,834	66
3,191,635	464,462	211,531	2,114,005	357,400	34,793	9,444	8,347,939	8,127,232	82,464	122,722	15,521	14,856,354	6,508,415	67

TABLE 9.—GENERAL STATISTICS FOR INDUSTRIAL

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [1]	Salaried officers of corporations [1]	Manufacturing: Salaried employees [1]	Manufacturing: Wage earners (average for year) [1]	Distribution	Construction	Other
		NEW YORK CITY-NEWARK-JERSEY CITY INDUSTRIAL AREA—Continued									
1	1	Condensed and evaporated milk	4		61	5	11	19	26		
2	17	Construction and similar machinery (except mining and oil-field machinery and tools)	9	4	607	15	178	394	20		
3	7	Converted paper products not elsewhere classified	117	64	5,728	148	519	4,221	768	68	4
4	1	Cooking and other edible fats and oils, not elsewhere classified	8		1,172	3	223	882	63	1	
5	6	Cooperage	21	6	773	14	82	657	18	1	1
6	3	Cordage and twine	10		1,173	14	86	1,053	20		
7	4	Corsets and allied garments	159	75	10,191	200	618	8,498	850	11	14
8	20	Costume jewelry and costume novelties (jewelry other than fine jewelry) [6]	154	142	3,376	115	211	2,649	399	2	
9	3	Cotton broad woven goods	14	4	985	25	73	810	77		
10	3	Cotton narrow fabrics	14	5	358	12	30	297	19		
11	3	Cotton yarn	18	11	698	15	68	583	32		
12	1	Cured fish	17	11	342	17	30	243	52		
13	4	Curtains, draperies, and bedspreads—contract factories	45	49	577	13	18	532	14		
14	4	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	128	88	3,996	105	229	3,350	302	2	8
15	14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	54	24	3,695	87	268	2,909	430	1	
16	20	Dental equipment and supplies	29	20	945	24	113	708	100		
17	7	Die-cut paper and paperboard, and converted cardboard	39	16	1,109	48	114	846	92	3	6
18	20	Dolls (except rubber)	74	50	2,407	80	141	2,101	84	1	
19	14	Doors, window sash, frames, molding, and trim (made of metal)	79	33	2,150	122	213	1,586	229		
20	4	Dress and semidress gloves and mittens: cloth, cloth and leather combined	26	11	2,032	34	74	1,849	69	2	4
21	9	Drugs and medicines (including drug grinding)	217	42	8,702	294	1,258	4,925	2,068	68	89
22	3	Dyeing and finishing cotton, rayon, silk, and linen textiles	206	73	14,676	350	1,081	12,840	391	10	4
23	16	Electrical appliances	17	7	308	20	30	235	23		
24	16	Electrical measuring instruments	14	6	3,431	16	688	2,438	225	64	
25	16	Electrical products not elsewhere classified	36	10	3,094	32	657	1,865	502	38	
26	16	Electric lamps	26	4	6,159	35	813	4,839	415	41	16
27	15	Electroplating, plating, and polishing	142	140	1,701	87	86	1,432	81	7	8
28	8	Electrotyping and stereotyping, not done in printing establishments	45	10	1,604	73	216	1,157	158		
29	17	Elevators, escalators, and conveyors	23	3	2,819	47	542	2,134	96		
30	4	Embroideries, other than Schiffli-machine products—contract factories	288	317	3,654	95	86	3,364	99		10
31	4	Embroideries: Schiffli-machine products	364	366	3,363	123	86	3,040	110		4
32	14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	40	20	1,405	47	102	1,177	79		
33	14	Enameling, japanning, and lacquering	14	14	141	9	15	114	3		
34	15	Engraving on metal (except for printing purposes)	31	35	1,011	13	80	888	28		2
35	8	Engraving (steel, copperplate, and wood); plate printing	117	81	2,304	103	244	1,863	94		
36	7	Envelopes	34	11	1,639	47	122	1,259	209	2	
37	9	Essential oils	8	3	244	6	23	202	13		
38	20	Fabricated plastic products, not elsewhere classified	55	17	1,949	78	158	1,588	97	26	2
39	14	Fabricated structural steel and ornamental metalwork, made in plants not operated in connection with rolling mills	211	100	3,825	283	367	2,963	211	1	
40	20	Feathers, plumes, and artificial flowers	243	219	5,585	166	215	4,789	411	4	
41	9	Fertilizers	6	1	627	2	50	537	35	3	
42	7	Fiber cans, tubes, and similar products	26	10	1,515	35	154	1,265	57	4	
43	3	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	81	41	3,473	96	185	3,087	105		
44	9	Fireworks	8		220	12	15	186	4		3
45	1	Flavoring extracts and flavoring sirups, not elsewhere classified	107	43	1,250	119	179	654	272	1	25
46	13	Floor and wall tile (except quarry tile)	4	1	311	6	21	260	14	10	
47	1	Flour and other grain-mill products	4	1	61	4	5	37	15		
48	1	Food preparations, not elsewhere classified	97	38	3,618	111	298	2,140	1,041	17	11
49	17	Food-products machinery	36	16	1,986	56	435	1,275	190		30
50	12	Footwear (except rubber)	165	53	13,680	305	720	12,183	464	8	
51	14	Forgings, iron and steel—made in plants not operated in connection with rolling mills	12	8	276	12	15	239	10		
52	4	Fur coats and other fur garments, accessories, and trimmings	1,838	2,065	14,419	1,455	939	10,923	1,102		
53	20	Furs, dressed and dyed	111	70	4,476	196	218	3,758	287	17	
54	20	Games and toys (except dolls and children's vehicles)	115	80	4,337	108	323	3,672	230	4	
55	8	General commercial (job) printing	1,729	1,310	22,295	1,383	2,408	16,705	1,789	6	4
56	16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	71	21	7,554	98	1,509	5,510	424	7	6
57	9	Glue and gelatin	13	1	362	13	66	269	13	1	
58	14	Gray-iron and semisteel castings	41	16	3,332	58	207	2,996	71		
59	9	Grease and tallow (except lubricating greases)	22	14	1,095	34	124	827	75	33	2
60	8	Greeting cards (except hand-painted)	36	24	2,220	37	244	1,715	224		
61	13	Gypsum products	4		706		84	615		7	
62	20	Hair work	28	27	265	16	11	224	14		
63	4	Handkerchiefs—made in contract factories	17	11	1,057	14	11	1,032			
64	20	Hand stamps, stencils, and brands [6]	55	36	681	59	83	450	88	1	
65	14	Hardware not elsewhere classified	71	33	2,630	86	243	2,081	201	16	3

See footnotes at end of table.

AREAS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
NEW YORK CITY-NEWARK-JERSEY CITY INDUSTRIAL AREA—Continued														
Dollars (5)	Dollars (5)	Dollars (5)	Dollars (5)	Dollars (5)	Dollars	Dollars	Dollars (5)	Dollars (5)	Dollars (5)	Dollars (5)	Dollars	Dollars (5)	Dollars (5)	1
971,459	75,402	220,807	646,916	28,334	----------	----------	1,645,816	1,605,551	11,933	28,122	210	3,101,992	1,456,176	2
7,572,148	1,041,958	903,641	4,127,951	1,369,758	124,797	4,043	13,531,879	13,259,771	67,623	175,018	29,467	29,334,569	15,802,690	3
1,915,378	15,600	481,866	1,288,542	127,846	1,524	----------	30,726,774	30,350,290	262,449	95,501	18,534	38,428,639	7,701,865	4
1,162,247	84,452	199,009	845,495	29,481	2,250	1,560	1,966,409	1,931,972	23,991	10,446	----------	3,492,962	1,526,553	5
1,444,032	57,200	215,411	1,132,956	38,465	----------	----------	2,923,228	2,783,156	57,081	82,991	----------	6,358,672	3,435,444	6
11,373,256	1,270,237	1,114,317	7,353,313	1,601,961	19,681	13,747	21,115,432	19,832,138	6,579	130,971	1,145,744	38,830,148	17,714,716	7
3,846,329	512,881	322,528	2,344,559	664,046	2,315	----------	4,591,794	4,417,469	11,466	58,867	103,992	11,274,850	6,683,056	8
1,089,314	171,415	116,420	670,624	130,855	----------	----------	1,616,104	1,542,336	13,703	28,543	31,522	3,353,288	1,737,184	9
418,646	57,578	49,649	283,053	28,366	----------	----------	461,113	440,787	6,657	13,669	----------	1,150,125	689,012	10
755,066	95,891	102,623	508,185	48,367	----------	----------	4,178,195	4,094,947	6,513	24,760	51,975	6,014,974	1,836,779	11
517,913	100,860	60,280	254,616	102,037	----------	120	4,060,468	4,021,058	16,521	22,889	----------	5,484,615	1,424,147	12
445,666	25,505	18,965	393,329	7,867	----------	----------	122,752	113,125	671	8,534	422	894,855	772,103	13
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	14
5,705,087	760,697	609,756	3,385,138	947,747	1,749	----------	5,947,325	5,705,339	61,123	144,990	35,873	15,085,751	9,138,426	15
1,515,895	133,043	216,692	975,741	190,419	----------	----------	5,044,772	4,937,141	36,246	14,545	6,840	8,398,097	3,353,325	16
1,722,263	268,039	249,295	995,587	184,691	7,445	17,206	3,292,979	3,225,554	18,567	48,858	----------	6,424,938	3,131,959	17
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	18
3,560,337	564,499	386,476	2,280,126	329,236	----------	----------	3,987,593	3,694,614	23,760	72,914	196,305	9,483,514	5,495,921	19
1,572,835	91,810	100,692	1,290,421	80,397	2,240	7,275	2,140,297	1,990,999	----------	28,567	120,731	4,217,113	2,076,816	20
14,534,261	2,126,112	2,593,751	5,638,041	3,923,651	124,475	128,231	29,441,161	28,149,652	292,209	294,363	704,937	87,530,250	58,089,089	21
19,230,447	1,894,476	2,160,407	14,397,199	773,913	----------	4,452	16,354,650	13,635,476	2,159,689	558,733	752	46,161,043	29,806,393	22
396,441	90,843	44,199	232,890	28,509	----------	----------	911,288	771,575	3,285	16,349	120,079	1,618,058	706,770	23
5,660,413	165,405	1,373,429	3,615,332	405,055	101,192	----------	4,253,383	4,112,976	45,095	74,121	21,191	16,017,568	11,764,185	24
5,164,134	180,521	1,598,721	2,636,814	592,611	155,467	----------	4,241,005	4,039,075	67,548	126,006	8,376	12,507,784	8,266,779	25
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	26
2,141,685	278,089	124,148	1,608,431	111,579	12,333	7,105	1,022,411	792,553	33,190	180,012	16,656	4,524,262	3,501,851	27
3,571,749	427,273	436,047	2,278,180	430,249	----------	----------	3,481,813	984,246	36,576	149,414	2,311,577	8,775,530	5,293,717	28
4,857,225	245,474	1,106,320	3,210,502	294,929	----------	----------	4,791,126	4,508,180	94,502	108,793	79,651	15,699,801	10,908,675	29
3,213,577	259,473	115,779	2,736,561	93,204	----------	8,560	1,371,873	1,151,943	7,691	58,454	153,785	6,805,085	5,433,212	30
3,440,873	413,472	156,238	2,690,599	177,231	----------	3,333	5,559,889	4,249,994	59,785	122,778	1,127,332	12,199,058	6,639,169	31
1,984,607	232,221	187,437	1,404,245	160,704	----------	----------	3,774,012	3,516,239	32,363	90,268	135,142	7,135,973	3,361,961	32
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	33
1,600,477	113,067	153,210	1,129,652	201,048	----------	3,500	1,217,840	1,145,855	21,900	31,734	18,351	3,671,120	2,453,280	34
3,976,875	404,187	568,890	2,867,462	136,336	----------	----------	1,404,295	1,238,030	31,796	70,525	63,944	7,157,951	5,753,656	35
2,483,688	297,559	193,413	1,456,288	530,887	5,541	----------	3,539,442	3,419,398	7,902	81,840	30,302	7,219,296	3,679,854	36
432,877	50,207	63,948	265,753	52,969	----------	----------	4,735,575	4,694,208	30,205	4,789	6,373	6,666,067	1,930,492	37
2,504,037	418,125	309,626	1,542,673	185,999	37,291	10,323	3,414,078	3,181,642	48,740	118,200	65,496	6,948,344	3,534,266	38
6,469,091	1,061,238	703,190	4,258,144	445,219	1,300	----------	12,811,331	12,189,694	54,829	144,321	422,487	23,475,554	10,664,223	39
4,786,641	602,427	251,738	3,396,283	532,013	4,180	----------	5,364,879	5,237,382	18,445	75,437	33,615	13,074,080	7,709,201	40
876,232	15,000	95,276	680,372	81,889	3,695	----------	3,183,343	3,095,411	59,998	27,934	----------	4,761,410	1,578,067	41
1,878,132	149,793	282,487	1,331,065	107,269	7,518	----------	3,254,310	3,097,241	96,274	60,795	----------	7,372,700	4,118,390	42
4,018,301	502,022	278,090	3,040,512	197,677	----------	----------	10,840,974	9,809,972	86,039	80,766	864,197	17,097,921	6,256,947	43
236,776	46,326	28,563	153,181	4,446	----------	4,260	178,317	159,184	15,614	3,519	----------	616,885	438,568	44
2,459,644	773,711	353,919	863,476	425,312	1,070	42,156	9,500,225	9,386,207	54,489	59,529	----------	30,376,019	20,875,794	45
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	46
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	47
4,621,189	689,504	560,354	2,091,163	1,243,881	29,437	6,850	25,845,392	25,583,963	109,747	151,682	----------	38,537,320	12,691,928	48
4,023,432	445,125	958,774	2,076,939	485,787	----------	56,807	2,634,765	2,484,474	35,633	49,393	65,265	8,906,253	6,271,488	49
15,562,005	1,439,862	1,184,729	11,985,719	943,001	8,694	----------	19,877,853	19,528,609	22,101	219,031	108,112	40,355,144	20,477,291	50
435,300	48,821	30,675	331,676	24,128	----------	----------	492,631	388,094	73,555	21,878	9,104	1,219,796	727,165	51
28,893,308	4,874,698	1,592,134	20,458,974	1,967,502	----------	----------	98,576,699	96,626,711	22,207	284,093	1,643,688	151,126,511	52,549,812	52
9,734,713	1,069,469	672,132	7,348,050	617,629	27,433	----------	3,116,151	2,769,878	60,256	191,885	94,132	17,033,251	13,917,100	53
4,481,268	527,116	556,796	3,022,350	367,971	7,035	----------	7,717,220	7,585,207	35,865	82,766	13,382	15,768,234	8,051,014	54
39,484,636	6,130,719	4,369,734	25,158,315	3,807,570	5,369	12,929	36,350,557	30,684,121	185,401	1,168,726	4,312,309	98,566,965	62,216,408	55
12,749,154	710,639	3,080,285	7,977,943	964,313	9,114	6,860	14,428,133	13,984,241	155,118	237,188	51,586	37,389,479	22,961,346	56
533,720	65,423	100,853	348,370	17,743	1,340	----------	2,465,073	2,403,351	31,213	29,502	1,007	4,564,227	2,099,154	57
4,773,800	375,542	421,094	3,854,179	113,664	9,321	----------	3,461,937	2,907,735	352,584	154,435	47,183	10,216,654	6,754,717	58
1,874,944	201,500	223,850	1,194,391	205,086	48,617	1,500	7,979,751	7,701,874	229,448	47,961	468	11,269,552	3,289,801	59
3,043,996	430,163	353,279	1,830,914	429,640	----------	----------	5,163,870	3,209,944	4,511	49,964	1,899,451	10,903,244	5,739,374	60
1,055,088	----------	154,182	848,419	----------	52,487	----------	2,369,531	2,004,889	145,414	218,808	420	5,871,238	3,501,707	61
249,679	36,283	12,858	183,144	17,394	----------	----------	295,100	280,179	1,141	4,535	9,245	736,931	441,831	62
718,725	50,952	17,387	650,386	----------	----------	----------	156,766	130,877	851	13,374	11,664	1,113,811	957,045	63
975,974	208,546	110,650	534,383	121,560	835	----------	786,709	742,480	8,463	20,313	15,453	2,236,044	1,449,335	64
3,488,128	594,020	349,980	2,157,688	362,855	21,965	1,620	4,596,037	4,415,870	44,285	111,515	24,367	10,196,075	5,600,038	65

TABLE 9.—GENERAL STATISTICS FOR INDUSTRIAL

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [1]	Salaried officers of corporations [1]	Manufacturing: Salaried employees [1]	Manufacturing: Wage earners (average for year) [1]	Distribution	Construction	Other
		NEW YORK CITY-NEWARK-JERSEY CITY INDUSTRIAL AREA—Continued									
1	4	Hat and cap materials; trimmings, etc	50	33	873	41	52	738	41	-------	1
2	3	Hats, straw	6	...	295	10	11	267	7	-------	-------
3	14	Heating and cooking apparatus, except electric, not elsewhere classified	28	14	254	24	35	188	7	-------	-------
4	3	Hosiery—full-fashioned	22	2	4,470	24	208	4,089	142	6	1
5	3	Hosiery—seamless	7	5	175	10	6	156	3	-------	-------
6	4	House dresses, uniforms, and aprons—made in contract factories	152	157	5,364	37	58	5,262	6	-------	1
7	4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	161	145	4,763	133	282	3,926	412	-------	10
8	4	Housefurnishings (except curtains, draperies, and bedspreads)	193	159	4,105	130	290	3,307	360	10	8
9	6	Household furniture, except upholstered	246	157	4,986	292	323	3,992	368	-------	11
10	1	Ice cream and ices	108	52	3,536	92	225	1,562	1,523	38	96
11	1	Ice, manufactured	114	7	1,460	60	149	1,081	144	-------	26
12	12	Industrial leather belting and packing leather	29	10	193	32	24	98	39	-------	-------
13	17	Industrial machinery, not elsewhere classified	87	29	3,583	130	579	2,573	243	42	16
14	9	Insecticides, fungicides, and related industrial and household chemical compounds	148	33	2,047	164	363	1,217	280	14	9
15	17	Internal-combustion engines	3	1	107	6	11	90	-------	-------	-------
16	15	Jewelers' findings and materials	19	12	589	20	41	458	66	-------	4
17	20	Jewelry cases and instrument cases	65	53	2,047	49	146	1,720	132	-------	-------
18	15	Jewelry (precious metals)	448	393	5,367	318	643	3,890	495	-------	21
19	3	Jute goods (except felt)	3	-------	792	9	80	698	5	-------	-------
20	3	Knitted cloth	102	60	1,900	87	146	1,561	100	1	5
21	3	Knitted gloves	3	1	899	1	1	896	1	-------	-------
22	3	Knitted outerwear (except knit gloves)—contract factories	202	218	3,443	72	47	3,305	17	1	1
23	3	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	212	145	5,409	233	277	4,166	716	5	12
24	3	Knitted underwear	9	7	381	15	20	317	27	-------	2
25	3	Lace goods	16	14	815	16	40	728	31	-------	-------
26	6	Lasts and related products	7	4	279	7	18	231	23	-------	-------
27	12	Leather gloves and mittens	41	43	482	26	11	427	16	-------	2
28	12	Leather goods not elsewhere classified [b]	84	80	1,678	59	65	1,465	89	-------	-------
29	12	Leather: tanned, curried, and finished—contract factories	25	19	698	34	24	627	13	-------	-------
30	12	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	37	8	1,684	79	100	1,423	74	8	-------
31	15	Lighting fixtures	198	106	5,296	250	461	4,054	525	-------	6
32	1	Liquors, rectified or blended [a]	26	1	600	25	121	392	61	-------	1
33	8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	185	40	8,549	343	985	6,275	920	26	-------
34	9	Lubricating oils and greases—not made in petroleum refineries	22	2	426	14	67	274	68	2	1
35	1	Macaroni, spaghetti, vermicelli, and noodles	78	87	2,296	73	119	1,702	396	3	3
36	8	Machine and hand typesetting (including advertisement typesetting)	183	121	2,427	190	249	1,826	162	-------	-------
37	17	Machine-shop products, not elsewhere classified	230	124	5,225	235	669	3,734	457	27	103
38	17	Machine-shop repairs	96	66	719	72	73	567	5	-------	2
39	17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	127	77	1,611	109	119	1,336	39	1	7
40	17	Machine tools	8	1	668	13	90	527	36	-------	2
41	1	Malt liquors	33	-------	8,545	96	548	3,682	3,670	161	388
42	6	Mattresses and bedsprings	170	145	3,632	110	381	2,796	335	-------	10
43	17	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	11	1	1,461	19	128	1,191	119	1	3
44	1	Meat packing, wholesale	59	14	9,655	91	938	6,929	1,636	27	34
45	17	Mechanical power-transmission equipment	17	4	2,135	23	332	1,634	146	-------	-------
46	4	Men's and boys' hats and caps (except felt and straw)	103	135	1,347	43	48	1,189	65	-------	2
47	4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in contract factories	34	30	2,399	17	61	2,313	4	-------	4
48	4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	136	75	4,911	119	290	4,235	258	-------	9
49	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	506	609	25,252	316	360	24,466	70	1	39
50	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	612	452	15,290	585	835	11,957	1,845	24	44
51	4	Men's and boys' underwear—made in inside factories or by jobbers engaging contractors	4	-------	56	4	6	45	1	-------	-------
52	4	Men's neckwear—made in contract factories [a]	27	28	681	6	9	663	3	-------	-------
53	4	Men's neckwear—made in inside factories or by jobbers engaging contractors	176	172	3,021	100	167	2,445	294	-------	15
54	17	Metalworking machinery and equipment, not elsewhere classified	17	6	2,935	15	728	2,072	115	3	2
55	4	Millinery [a]	733	456	16,358	774	908	13,268	1,369	1	38
56	13	Minerals and earths, ground or otherwise treated	14	2	574	15	31	505	23	-------	-------
57	6	Mirror frames and picture frames	68	46	997	60	54	821	62	-------	-------
58	13	Mirrors and other glass products made of purchased glass	169	124	2,614	171	164	2,085	182	4	8
59	20	Miscellaneous fabricated products not elsewhere classified	263	186	6,576	221	369	5,465	515	3	3
60	4	Miscellaneous fabricated textile products not elsewhere classified	110	87	1,615	79	109	1,314	106	2	5

See footnotes at end of table.

AREAS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [3]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [3]	Wages											
NEW YORK CITY-NEWARK-JERSEY CITY INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
982,768	160,638	71,677	688,407	61,326	----------	720	2,826,902	2,702,454	632	21,011	102,805	4,376,979	1,550,077	1
348,808	38,086	19,311	282,650	8,761	----------	----------	488,529	481,760	----------	6,769	----------	1,095,289	606,760	2
476,830	93,133	53,629	317,729	12,339	----------	----------	694,562	679,583	2,564	7,532	4,883	1,495,822	801,260	3
5,329,284	150,420	376,092	4,287,230	488,928	23,234	3,380	3,978,922	3,460,964	104,295	54,737	359,016	11,359,532	7,380,610	4
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	5
3,517,134	69,070	84,630	3,355,167	6,567	----------	1,700	252,093	160,279	15,278	76,387	149	4,742,489	4,490,396	6
5,098,474	646,908	397,645	3,336,519	700,167	----------	17,235	24,412,449	18,991,908	9,807	91,118	5,319,616	33,631,755	9,219,306	7
4,452,732	556,476	397,095	2,858,637	607,176	24,186	9,162	16,113,263	15,594,044	19,105	106,938	393,176	24,750,923	8,637,660	8
6,943,510	995,760	526,069	4,748,404	638,599	----------	34,678	8,855,520	8,512,233	57,161	195,464	90,662	19,848,792	10,993,272	9
5,944,147	402,818	409,305	1,975,957	2,893,570	98,433	164,064	17,206,962	16,593,295	105,393	508,274	----------	33,313,578	16,106,616	10
2,343,830	342,022	329,059	1,448,765	199,391	1,385	23,208	2,224,470	312,611	101,963	1,809,896	----------	9,256,758	7,032,288	11
332,475	104,864	44,096	124,371	59,144	----------	----------	762,073	744,970	1,925	9,051	6,127	1,364,631	602,558	12
6,224,619	741,462	1,106,187	3,771,234	527,828	56,166	21,742	6,309,794	5,907,227	146,935	203,333	52,299	16,567,116	10,257,322	13
3,619,976	753,095	798,832	1,403,219	623,464	29,230	12,136	13,161,746	12,816,140	137,629	95,512	112,465	25,739,545	12,577,799	14
(5)	(5)	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	15
1,002,525	168,784	85,072	616,897	129,772	----------	2,000	3,528,722	3,418,188	9,251	17,960	83,323	5,156,240	1,627,518	16
2,571,768	236,367	224,144	1,658,815	452,442	----------	----------	2,681,844	2,597,517	10,958	56,392	16,977	6,257,166	3,575,322	17
9,225,843	1,588,376	1,042,320	5,510,532	1,065,581	----------	19,034	16,734,888	15,867,546	31,793	95,172	740,377	32,151,557	15,416,669	18
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	19
2,500,532	431,744	285,410	1,569,690	206,928	2,860	3,900	11,366,702	10,712,126	25,593	114,448	514,535	16,170,198	4,803,496	20
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	21
2,863,867	122,385	83,041	2,648,209	8,382	900	950	669,629	494,583	35,088	108,358	31,600	5,466,981	4,797,352	22
6,814,806	1,074,024	444,608	4,126,950	1,145,081	10,760	13,383	26,580,838	20,838,558	33,208	150,650	5,558,422	39,491,386	12,910,548	23
411,096	60,749	34,347	272,344	41,724	----------	1,932	1,127,794	960,429	8,373	7,783	151,209	1,785,226	657,432	24
997,740	90,419	69,857	805,669	31,795	----------	----------	951,049	875,720	30,568	14,509	30,252	2,883,270	1,932,221	25
447,996	30,813	37,465	330,202	49,516	----------	----------	265,037	243,616	2,120	19,301	----------	1,104,757	839,720	26
492,933	51,745	14,620	400,270	22,854	----------	3,444	654,992	602,407	90	5,085	47,410	1,373,617	718,625	27
1,782,395	266,221	102,355	1,282,384	131,435	----------	----------	2,560,525	2,473,625	6,454	29,233	51,213	5,393,322	2,832,797	28
996,933	171,647	46,696	760,186	18,404	----------	----------	919,915	768,300	65,247	36,932	49,436	2,293,670	1,373,755	29
2,695,366	487,726	232,895	1,802,435	160,887	11,423	----------	8,110,633	7,283,510	117,712	98,103	611,308	12,708,510	4,597,877	30
7,674,179	1,328,740	837,672	4,527,525	975,385	----------	4,857	14,417,676	14,034,833	56,017	194,992	131,834	27,875,427	13,457,751	31
886,882	94,555	221,308	469,404	100,460	----------	1,155	5,410,549	5,364,017	19,339	27,193	----------	8,265,236	2,854,687	32
16,675,542	2,220,108	2,112,593	9,918,718	2,386,285	37,838	----------	14,397,446	11,733,183	75,216	364,236	2,224,811	39,736,916	25,339,470	33
884,990	123,453	171,011	392,158	196,343	1,765	260	5,518,918	5,419,908	74,103	19,401	5,506	9,102,528	3,583,610	34
3,183,081	418,163	217,547	1,809,360	695,238	39,116	3,657	8,316,038	7,945,743	100,079	259,745	10,471	15,426,736	7,110,698	35
4,543,693	790,205	447,798	3,010,260	295,430	----------	----------	1,038,043	757,735	26,494	107,502	146,312	7,714,152	6,676,109	36
8,981,908	1,420,011	1,229,056	5,112,874	989,214	27,292	203,461	11,265,508	10,812,834	141,512	241,211	69,951	26,703,225	15,437,717	37
1,208,271	192,095	125,989	881,857	6,579	----------	1,751	755,854	701,919	12,457	38,994	2,484	2,790,792	2,034,938	38
2,889,399	530,673	219,026	2,065,013	66,438	953	7,296	1,361,714	1,190,625	13,797	80,222	77,070	5,587,717	4,226,003	39
1,257,291	84,890	239,385	849,007	82,232	----------	1,777	773,696	731,994	9,894	28,004	3,804	2,299,740	1,526,044	40
21,262,156	1,322,025	1,287,314	7,915,983	9,356,390	363,551	1,016,893	26,341,131	25,050,309	926,776	364,046	----------	93,430,573	67,089,442	41
5,575,095	433,492	679,081	3,904,674	546,334	----------	11,514	11,390,546	11,216,246	51,108	122,513	679	21,208,672	9,818,126	42
2,335,792	105,519	297,501	1,671,687	258,460	1,125	1,500	1,643,292	1,550,665	27,873	64,476	278	7,056,081	5,412,789	43
17,150,628	598,121	1,991,071	10,973,885	3,477,400	51,644	58,507	167,288,498	165,685,449	691,943	413,480	497,626	194,437,903	27,149,405	44
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	45
1,452,299	107,183	78,421	1,188,726	76,494	----------	1,475	2,358,148	2,200,068	4,620	31,610	121,850	4,759,878	2,401,730	46
1,648,426	49,546	95,270	1,496,695	4,146	----------	2,769	210,272	175,981	5,186	26,488	2,617	2,233,218	2,022,946	47
4,834,732	542,726	427,963	3,458,754	385,981	----------	19,308	20,321,894	14,759,151	27,951	63,107	5,471,685	28,980,723	8,658,829	48
25,291,158	854,264	504,982	23,830,971	70,732	560	29,649	1,384,574	868,595	96,211	309,378	110,390	31,620,361	30,235,787	49
25,515,576	2,908,238	1,536,195	17,721,794	3,285,377	24,801	39,171	138,957,874	100,473,495	47,414	320,041	38,116,924	189,498,211	50,540,337	50
54,785	14,550	7,602	29,908	2,725	----------	----------	232,322	159,926	----------	1,305	71,091	338,809	106,487	51
453,441	32,212	15,197	404,182	1,850	----------	----------	107,822	96,826	362	10,634	----------	742,568	634,746	52
3,531,590	499,308	230,414	2,300,905	492,369	----------	8,594	10,608,139	9,762,732	1,506	54,510	789,391	17,145,708	6,537,569	53
5,351,495	115,054	1,396,804	3,576,027	256,055	3,056	4,499	4,040,612	3,842,848	72,476	95,497	29,791	10,364,824	6,324,212	54
23,531,127	2,936,151	1,523,672	16,764,551	2,257,259	891	48,603	29,137,754	28,342,126	75,014	448,640	271,974	66,130,603	36,992,849	55
620,203	102,448	57,590	418,176	40,255	----------	1,734	1,148,839	1,120,462	10,869	16,416	1,092	2,456,088	1,307,249	56
1,165,344	188,956	72,810	804,041	99,537	----------	----------	1,805,096	1,681,108	4,612	28,123	91,253	3,796,340	1,991,244	57
3,325,792	573,319	247,122	2,214,833	277,781	3,637	9,100	3,854,896	3,669,185	58,946	99,970	26,795	8,848,643	4,993,747	58
6,898,484	929,196	598,270	4,647,448	713,775	4,737	5,058	8,964,716	8,602,893	53,122	149,649	159,052	20,510,980	11,546,264	59
1,816,709	407,084	172,101	1,060,823	171,832	2,692	2,177	4,876,388	4,628,744	11,313	36,344	199,987	8,836,894	3,960,506	60

TABLE 9.—GENERAL STATISTICS FOR INDUSTRIAL

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
		NEW YORK CITY-NEWARK-JERSEY CITY INDUSTRIAL AREA—Continued									
1	20	Models and patterns (except paper patterns)	119	79	1,360	117	87	1,057	99	.....	.....
2	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	141	62	1,569	145	111	1,121	173	3	16
3	18	Motor vehicles, motor-vehicle bodies, parts and accessories	99	38	13,323	133	1,365	10,718	1,100	3	4
4	20	Needles, pins, hooks and eyes, and slide and snap fasteners [a]	22	4	2,306	30	109	2,001	120	46	.....
5	8	Newspapers: publishing and printing	173	45	23,773	218	7,644	10,555	5,287	69	.....
6	8	Newspapers: publishing without printing	60	12	495	34	339	38	84	.....	.....
7	1	Nonalcoholic beverages	257	144	3,579	254	254	1,761	1,221	44	45
8	15	Nonferrous-metal foundries (except aluminum)	67	50	646	48	39	537	17	.....	5
9	15	Nonferrous-metal products not elsewhere classified	117	52	3,887	142	484	2,996	229	16	20
10	17	Office and store machines not elsewhere classified	29	8	1,890	48	302	1,422	105	1	12
11	6	Office furniture	23	5	929	38	99	674	103	15	.....
12	14	Oil burners, domestic and industrial	28	2	379	38	77	218	46	.....	.....
13	20	Ophthalmic goods: lenses and fittings	32	11	1,529	60	108	1,242	114	5	.....
14	20	Optical instruments and lenses	7	1	150	13	19	112	6	.....	.....
15	10	Oven coke and coke-oven byproducts	3		1,075	.....	62	1,013	.....	.....	.....
16	9	Paints, varnishes, and lacquers	232	45	8,778	320	1,359	5,357	1,645	38	59
17	7	Paper and paperboard mills	21	.....	2,279	29	188	2,001	36	25	.....
18	7	Paper bags, except those made in paper mills	25	7	1,923	32	90	1,664	137	.....	.....
19	7	Paperboard containers and boxes not elsewhere classified	286	96	13,631	492	892	11,078	1,132	26	11
20	17	Paper-mill, pulp-mill, and paper-products machinery	9	3	980	22	134	721	101	2	.....
21	6	Partitions, shelving, cabinet work, and office and store fixtures	191	130	2,437	183	221	1,851	167	2	13
22	10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	8		254	4	23	227	.....	.....	.....
23	20	Pencils (except mechanical) and crayons [a]	19	4	3,467	38	339	2,594	462	34	.....
24	20	Pens, mechanical pencils, and pen points	34	24	1,463	30	95	1,254	79	5	.....
25	9	Perfumes, cosmetics, and other toilet preparations	209	36	7,357	247	668	5,156	1,232	17	37
26	8	Periodicals: publishing and printing	52	8	4,944	82	1,309	2,180	1,329	20	24
27	8	Periodicals: publishing without printing	555	83	14,232	776	7,160	132	6,164	.....	.....
28	10	Petroleum refining	11	.....	8,872	.....	1,197	5,035	223	2,239	178
29	8	Photoengraving, not done in printing establishments (including preparation of plates)	93	23	3,627	208	326	2,418	675	.....	.....
30	20	Photographic apparatus and materials and projection equipment (except lenses)	37	14	2,792	42	465	2,104	101	21	59
31	1	Pickled fruits and vegetables and vegetable sauces and seasonings	41	24	684	47	75	473	88	.....	1
32	5	Planing mills not operated in conjunction with sawmills	205	90	2,584	201	181	1,913	262	.....	27
33	9	Plastic materials	13	.....	4,188	17	837	2,984	180	168	2
34	5	Plywood mills	3	.....	27	7	3	15	2	.....	.....
35	13	Pottery products not elsewhere classified	6	.....	272	9	17	238	8	.....	.....
36	1	Poultry dressing and packing, wholesale	10	2	215	16	12	172	15	.....	.....
37	14	Power boilers and associated products	25	8	640	30	68	508	34	.....	.....
38	1	Prepared feeds (including mineral) for animals and fowls	29	14	742	29	85	488	133	.....	7
39	1	Preserves, jams, jellies, and fruit butters	24	5	582	39	47	382	111	2	1
40	9	Printing ink	58	7	1,739	82	398	944	311	1	3
41	17	Printing-trades machinery and equipment	48	11	5,021	65	864	3,610	416	.....	66
42	3	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	9	1	469	11	37	393	28	.....	.....
43	20	Professional and scientific instruments (except surgical and dental)	73	50	6,992	80	1,533	4,950	365	64	.....
44	6	Public-building furniture	14	6	435	17	32	367	18	.....	1
45	17	Pumping equipment and air compressors	26	8	2,208	49	590	1,500	68	.....	1
46	16	Radios, radio tubes, and phonographs	72	24	9,588	92	1,424	7,490	348	214	20
47	6	Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets	10	10	347	7	24	278	38	.....	.....
48	3	Rayon broad woven goods—contract factories	27	13	907	31	28	842	6	.....	.....
49	3	Rayon broad woven goods—regular factories or jobbers engaging contractors	33	20	1,585	35	78	1,440	32	.....	.....
50	3	Rayon narrow fabrics	57	38	1,904	47	103	1,590	163	.....	1
51	3	Rayon throwing and spinning—contract factories	8	6	157	3	4	149	1	.....	.....
52	3	Rayon yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	21	5	833	29	56	712	36	.....	.....
53	17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	49	32	634	44	45	480	60	.....	5
54	4	Robes, lounging garments, and dressing gowns	188	173	5,161	154	332	4,214	422	.....	39
55	10	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	17	9	1,344	9	195	1,083	41	15	1
56	11	Rubber products not elsewhere classified	86	23	10,082	122	1,139	8,090	510	.....	.....
57	12	Saddlery, harness, and whips	4	1	101	7	6	74	14	203	18
58	1	Salad dressings	12	4	504	6	52	394	22	.....	.....
59	1	Sausage casings—not made in meat-packing establishments	8	2	159	6	11	140	2	7	23
60	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	133	83	1,995	115	145	1,170	525	11	29
61	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	10	13	231	6	13	202	10	.....	.....
62	14	Saws	5	5	143	5	12	120	6	.....	.....
63	17	Scales and balances	13	5	860	16	103	629	110	2	.....
64	14	Screw-machine products and wood screws	28	15	957	36	69	782	70	.....	.....
65	15	Secondary smelting and refining, gold, silver, and platinum [b]	33	16	1,206	31	110	772	248	.....	45

See footnotes at end of table.

AREAS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [3]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [3]	Wages											
NEW YORK CITY-NEWARK-JERSEY CITY INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
2,205,389	453,116	148,421	1,441,730	162,122	----------	----------	1,098,621	1,019,885	10,547	46,843	21,346	4,426,416	3,327,795	1
2,795,917	407,731	201,762	1,871,447	294,424	2,664	17,889	3,482,921	3,079,062	19,873	196,837	187,149	8,578,630	5,095,709	2
22,193,077	591,431	2,871,290	16,713,307	2,005,245	9,000	2,804	134,415,245	133,316,687	520,729	524,363	53,466	173,791,085	39,375,840	3
3,030,625	304,732	234,743	2,218,997	235,523	36,630	----------	2,815,680	2,721,338	30,765	58,261	5,316	7,146,540	4,330,860	4
55,466,100	2,167,227	21,102,958	22,250,700	9,748,361	196,854	----------	42,682,825	37,696,097	258,413	828,361	3,899,954	132,263,060	89,580,235	5
645,414	82,215	401,107	58,417	103,675	----------	----------	899,020	30,889	596	5,945	861,590	1,943,059	1,044,039	6
6,107,107	832,217	512,274	2,474,742	2,161,204	70,067	56,603	11,221,586	10,836,466	125,378	244,413	15,329	25,909,033	14,687,447	7
996,153	171,388	65,152	715,525	33,596	----------	10,492	1,381,704	1,253,787	65,232	30,023	32,662	2,894,057	1,512,353	8
6,168,098	662,608	997,776	4,007,075	432,253	33,751	34,635	8,732,935	8,296,881	195,247	202,111	38,696	20,716,403	11,983,468	9
3,104,072	388,087	624,324	1,909,665	164,717	1,777	15,502	1,365,983	1,250,541	25,634	45,026	44,782	6,128,985	4,763,002	10
1,176,478	130,067	160,723	711,426	161,464	12,798	----------	1,768,895	1,717,003	14,919	27,335	9,638	3,588,976	1,820,081	11
665,382	152,621	123,548	297,896	91,317	----------	----------	2,309,343	2,272,381	7,297	13,541	16,124	3,635,248	1,325,905	12
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	13
298,636	72,569	62,150	152,633	11,284	----------	----------	128,574	123,046	947	4,476	105	564,810	436,236	14
1,865,862	----------	192,125	1,673,737	----------	----------	----------	12,009,696	11,500,043	417,764	91,889	----------	20,343,055	8,333,359	15
16,498,845	2,098,814	2,718,459	8,027,306	3,517,742	52,570	83,954	56,169,623	55,044,640	562,057	518,495	44,431	101,053,988	44,884,365	16
3,802,492	370,382	471,840	2,809,459	125,231	25,580	----------	9,135,153	7,541,111	1,300,790	293,252	----------	16,997,277	7,862,124	17
2,711,492	392,163	252,859	1,759,298	307,172	----------	----------	9,433,750	9,337,801	20,872	75,077	----------	16,300,685	6,866,935	18
18,016,364	2,967,203	1,701,005	11,053,924	2,230,819	47,221	16,192	32,855,324	32,135,383	187,211	445,742	86,988	61,514,426	28,659,102	19
1,761,761	219,935	312,695	995,467	219,574	14,090	----------	1,141,593	1,089,380	19,420	32,793	----------	3,950,670	2,809,077	20
3,930,260	633,198	388,796	2,610,554	279,764	3,801	14,147	5,590,719	5,286,185	37,222	123,503	143,809	12,143,192	6,552,473	21
393,268	30,400	46,945	315,923	----------	----------	----------	1,334,447	1,171,695	149,481	7,428	5,843	2,864,594	1,530,147	22
4,301,861	321,339	696,779	2,463,741	771,152	48,850	----------	4,352,693	4,159,883	125,711	67,099	----------	9,511,974	5,159,281	23
1,893,103	281,298	145,456	1,320,053	139,550	6,746	----------	2,843,071	2,765,802	12,620	37,092	27,557	6,282,575	3,439,504	24
10,237,642	1,629,051	1,258,469	4,908,588	2,368,379	21,504	51,651	28,973,061	28,588,245	76,166	137,689	170,961	72,876,309	43,903,248	25
9,320,813	672,810	2,572,207	3,804,359	2,219,613	34,672	17,152	5,395,037	3,799,092	55,917	115,816	1,424,212	24,057,768	18,662,731	26
34,836,995	5,930,635	14,643,582	199,013	14,063,765	----------	----------	74,710,643	29,142,670	2,296	85,204	45,480,473	167,763,171	93,052,528	27
19,091,907	----------	3,193,531	10,064,808	357,577	5,146,304	329,687	133,028,461	126,603,323	5,703,053	216,835	505,250	190,675,491	57,647,030	28
10,683,113	1,212,262	755,078	7,145,656	1,570,117	----------	----------	1,951,722	1,633,316	14,931	180,812	122,663	15,651,858	13,700,136	29
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	30
916,491	202,494	151,606	402,247	158,584	----------	1,560	3,246,325	3,200,928	10,350	35,047	----------	6,159,471	2,913,146	31
4,271,861	692,569	330,529	2,757,266	459,768	----------	31,729	7,960,148	7,666,709	46,187	198,942	48,310	15,141,746	7,181,598	32
6,946,092	185,246	1,836,313	4,241,297	417,755	262,752	2,729	12,179,051	11,618,895	318,116	195,569	46,471	24,753,575	12,574,524	33
38,757	12,427	5,105	17,914	3,311	----------	----------	41,711	39,326	1,943	442	----------	87,909	46,198	34
356,189	28,670	38,015	279,316	10,188	----------	----------	161,271	130,288	20,325	10,658	----------	754,405	593,134	35
353,333	78,497	21,956	205,647	47,233	----------	----------	1,075,721	1,063,877	5,993	5,851	----------	1,724,719	648,998	36
1,029,729	127,129	148,359	707,295	46,946	----------	----------	2,115,242	1,991,705	13,942	68,072	41,523	4,141,264	2,026,022	37
1,088,012	158,347	174,991	593,637	153,040	----------	7,997	3,599,007	3,438,983	125,251	34,773	----------	7,289,299	3,690,292	38
785,815	183,360	93,525	351,611	151,729	3,474	2,116	4,055,100	4,007,470	29,516	17,958	156	5,593,154	1,538,054	39
3,764,059	588,747	890,028	1,471,510	809,662	1,386	2,726	9,050,174	8,748,058	70,516	228,974	2,626	19,502,066	10,451,892	40
9,135,392	533,816	1,794,096	6,130,130	605,892	----------	71,458	5,319,165	5,021,057	112,359	158,745	27,004	20,118,210	14,799,045	41
523,370	59,619	69,043	316,457	78,251	----------	----------	2,714,411	2,650,308	26,739	37,364	----------	3,567,628	853,217	42
13,065,652	821,307	3,273,660	7,904,642	917,361	148,682	----------	9,523,741	8,197,581	69,862	162,705	1,093,593	33,703,012	24,179,271	43
645,495	60,168	43,053	504,869	35,224	----------	2,181	742,111	670,673	4,399	15,474	51,565	1,973,250	1,231,139	44
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	45
12,520,044	637,523	2,875,630	7,900,940	632,900	442,450	30,601	18,878,015	17,653,028	91,323	308,528	825,136	40,734,446	21,856,431	46
400,823	88,801	47,261	226,781	37,980	----------	----------	619,444	609,139	3,588	6,717	----------	1,128,175	508,731	47
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	48
1,891,377	176,703	120,549	1,436,715	157,410	----------	----------	5,678,348	5,020,725	9,263	54,137	594,223	8,798,816	3,120,468	49
2,060,341	216,062	190,199	1,475,798	177,242	----------	1,040	2,662,993	2,561,032	16,702	71,739	13,520	6,215,430	3,552,437	50
126,796	7,900	4,762	112,574	1,560	----------	----------	15,782	5,495	2,896	7,391	----------	306,986	291,204	51
839,960	138,609	84,004	554,201	63,146	----------	----------	3,343,153	3,268,195	10,172	52,373	12,413	4,807,243	1,464,090	52
907,646	118,316	70,409	620,061	93,522	----------	5,338	1,696,134	1,625,666	4,311	29,519	36,638	3,286,355	1,590,221	53
5,543,646	658,688	504,978	3,617,222	732,794	----------	29,964	18,634,925	16,058,261	6,936	100,013	2,469,715	28,132,293	9,497,368	54
2,103,052	24,620	486,955	1,448,011	91,682	49,727	2,057	8,213,877	7,899,761	228,962	75,634	9,520	13,144,522	4,930,645	55
13,805,880	727,263	2,456,623	8,872,981	1,342,779	388,492	17,742	20,675,966	19,646,367	435,708	572,348	21,543	41,235,339	20,559,373	56
151,952	34,220	11,159	87,437	19,136	----------	----------	217,991	215,248	1,233	1,510	----------	387,433	169,442	57
855,732	27,748	105,745	626,365	43,667	15,000	37,207	8,847,687	8,790,373	35,067	22,247	----------	11,098,931	2,251,244	58
169,111	32,700	20,564	113,347	2,500	----------	----------	730,920	725,517	2,090	3,313	----------	1,018,341	287,421	59
3,724,738	634,239	303,824	1,740,230	998,659	9,247	38,539	20,880,386	20,533,041	119,504	227,841	----------	26,288,208	5,407,822	60
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	61
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	62
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	63
1,579,744	283,659	135,654	1,007,118	153,313	----------	----------	1,612,118	1,485,814	20,492	60,123	45,689	4,387,593	2,775,475	64
2,365,249	251,396	296,941	1,212,967	535,675	----------	68,270	69,610,661	69,441,793	120,865	47,943	60	74,426,955	4,816,294	65

TABLE 9.—GENERAL STATISTICS FOR INDUSTRIAL

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS[1] Total[2]	Salaried officers of corporations[2]	Manufacturing: Salaried employees[2]	Manufacturing: Wage earners (average for year)[3]	Distribution	Construction	Other
		NEW YORK CITY-NEWARK-JERSEY CITY INDUSTRIAL AREA—Continued									
1	15	Secondary smelting and refining of nonferrous metals, not elsewhere classified	13	8	887	19	128	649	80	7	4
2	15	Sheet-metal work not specifically classified	155	70	2,837	166	232	2,189	240	.....	10
3	19	Shipbuilding and ship repairing	57	4	16,511	111	1,606	14,483	86	133	92
4	20	Signs, advertising displays, and advertising novelties	305	219	5,020	269	418	3,635	696	2	.....
5	3	Silk broad woven goods—contract factories	18	13	325	7	15	301	2	.....	.....
6	3	Silk broad woven goods—regular factories or jobbers engaging contractors	38	24	1,746	35	67	1,607	35	..	2
7	3	Silk narrow fabrics [a]	58	22	2,123	58	145	1,877	43	.....	.....
8	3	Silk yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	4	1	1,069	2	21	1,040	6	..	..
9	15	Silverware and plated ware	58	36	1,847	82	124	1,454	180	..	7
10	12	Small leather goods	60	44	1,428	52	62	1,248	66	.....	..
11	9	Soap and glycerin	49	9	5,375	54	764	3,719	674	164	.
12	20	Soda fountains, beer dispensing equipment, and related products	15	5	123	16	11	72	24	.....	.
13	1	Special dairy products	5	1	427	8	44	272	94	..	9
14	17	Special-industry machinery, not elsewhere classified	29	10	803	34	129	610	29	.....	1
15	20	Sporting and athletic goods not elsewhere classified	34	22	669	27	63	487	92	.....	..
16	14	Stamped and pressed metal products (except automobile stampings)	142	59	6,028	195	526	5,028	273	1	5
17	13	Statuary and art goods (except stone and concrete)—factory production	37	39	376	19	15	323	17	.....	2
18	14	Steam and hot-water heating apparatus (including hot-water furnaces)	4	-	845	..	49	796	.....	.....	..
19	13	Steam and other packing; pipe and boiler covering	34	15	449	35	47	295	71	1	...
20	14	Steam fittings, regardless of material	19	6	405	31	57	293	24	.....	-
21	14	Steel castings	3	.....	374	5	48	310	7	4	.....
22	14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	21	3	1,065	37	134	831	63	.....	.....
23	12	Suitcases, brief cases, bags, trunks, and other luggage	125	87	2,327	142	102	1,934	148	1	..
24	20	Surgical and medical instruments	11	5	1,070	16	90	890	69	2	3
25	20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	73	43	4,313	86	567	2,487	988	185	.....
26	13	Tableware, pressed or blown glass, and glassware not elsewhere classified	8	2	377	15	26	315	21	..	.....
27	9	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	38	6	1,133	61	210	665	147	27	23
28	14	Textile bags—not made in textile mills	34	16	1,677	38	96	1,460	79	3	1
29	17	Textile machinery	56	29	1,083	72	116	811	76	1	7
30	14	Tin cans and other tinware not elsewhere classified	42	10	6,240	50	639	5,273	117	159	2
31	2	Tobacco (chewing and smoking) and snuff	11	3	492	5	67	384	36	.....	.....
32	20	Tobacco pipes and cigarette holders	17	5	1,836	30	77	1,625	103	1	.....
33	14	Tools (except edge tools, machine tools, files, and saws)	45	23	1,142	41	144	926	23	8	.....
34	4	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories	328	330	5,302	204	146	4,658	256	5	33
35	4	Trousers (semidress), wash suits, and washable service apparel	70	53	2,093	61	65	1,889	77	.....	1
36	20	Umbrellas, parasols, and canes [b]	62	57	1,671	46	81	1,480	64	.....	.....
37	6	Upholstered household furniture	146	76	3,261	199	180	2,579	291	.....	12
38	6	Venetian blinds	55	40	949	58	60	726	101	.....	4
39	13	Vitreous-china plumbing fixtures	3	.....	322	5	31	286	.....	.....	.....
40	13	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	21	4	461	28	49	325	59	.....	.....
41	15	Watchcases [b]	35	27	938	37	79	763	59	.....	.....
42	6	Window shades	76	61	592	35	50	415	91	.....	1
43	1	Wines	30	8	292	25	32	178	57	.....	.....
44	14	Wire drawn from purchased rods	16	.....	4,584	43	428	3,832	249	27	5
45	14	Wirework not elsewhere classified	131	94	4,068	149	293	3,452	166	2	6
46	16	Wiring devices and supplies	24	6	2,723	43	136	2,308	228	2	6
47	4	Women's and misses' blouses and waists—made in contract factories	75	83	2,509	21	34	2,447	5	.....	2
48	4	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors	91	50	2,149	110	144	1,414	474	.....	7
49	4	Women's and misses' clothing, not elsewhere classified—made in contract factories	57	49	1,927	37	36	1,847	5	.....	2
50	4	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	93	60	2,428	113	95	1,820	381	.....	19
51	4	Women's and misses' dresses (except house dresses)—made in contract factories	1,230	1,305	39,682	483	359	38,664	106	.....	70
52	4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	945	313	35,999	1,409	2,533	25,861	5,830	1	365
53	4	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics	88	92	3,027	42	127	2,745	109	.....	4
54	4	Women's, children's, and infants' underwear and nightwear of knitted fabrics	83	60	2,792	74	82	2,476	151	4	
55	4	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	239	185	10,624	204	483	9,300	605	.....	32
56	4	Women's neckwear, scarfs, etc. [a]	93	86	2,212	72	116	1,774	244	.....	6
57	12	Women's pocketbooks, handbags, and purses	196	145	5,987	209	247	5,094	430	1	6
58	6	Wooden boxes except cigar boxes	50	21	1,148	67	87	934	60	.....	.....
59	6	Wood products not elsewhere classified	74	44	802	88	54	587	68	.....	5
60	17	Woodworking machinery	3	.....	275	6	23	188	56	.....	2

See footnotes at end of table.

AREAS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
NEW YORK CITY-NEWARK-JERSEY CITY INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
1,567,932	107,663	339,263	930,775	179,394	5,406	5,431	14,571,558	14,285,426	170,900	62,926	52,306	18,088,842	3,517,284	1
4,524,090	652,852	440,001	2,983,280	434,491	1,202	12,264	6,109,802	5,930,016	43,825	101,359	34,602	12,935,671	6,825,869	2
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	3
7,860,996	1,231,358	682,521	4,818,290	1,124,389	4,438	----------	7,253,315	6,558,689	48,838	121,656	524,132	19,520,733	12,267,418	4
244,333	7,406	15,901	218,526	2,500	----------	----------	32,874	11,858	1,549	18,157	1,310	322,869	289,995	5
1,829,086	176,648	124,699	1,452,619	73,872	----------	1,248	2,968,175	2,699,262	27,978	67,827	173,108	5,786,104	2,817,929	6
2,486,462	271,200	271,160	1,890,445	52,617	----------	1,040	1,970,871	1,837,992	41,066	66,674	25,139	6,458,036	4,487,165	7
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	8
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	9
1,333,303	237,724	89,482	899,731	106,366	----------	----------	3,485,182	3,187,430	1,080	18,567	278,105	5,605,837	2,120,655	10
8,503,393	287,485	1,638,998	5,188,625	1,013,835	374,450	----------	38,486,057	37,726,069	684,157	49,932	25,899	75,234,351	36,748,294	11
209,337	52,099	14,844	103,702	38,692	----------	----------	361,188	320,874	1,448	4,447	34,419	686,795	325,607	12
618,962	101,941	82,982	298,525	129,645	----------	5,869	3,452,187	3,427,765	9,472	14,950	----------	5,672,336	2,220,149	13
1,507,011	238,300	266,278	932,901	68,622	----------	910	1,118,574	1,052,120	18,795	38,222	9,437	3,485,452	2,366,878	14
843,938	85,658	97,248	552,817	108,215	----------	----------	1,211,027	1,176,773	9,610	24,144	500	2,932,797	1,721,770	15
7,877,025	1,002,428	969,654	5,366,959	532,211	1,820	3,953	11,114,204	10,451,137	190,325	195,228	277,514	24,038,924	12,924,720	16
604,020	106,430	19,232	449,148	28,168	----------	1,042	299,094	273,773	7,214	12,329	5,778	1,229,849	930,755	17
(5)	----------	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	18
751,851	169,785	88,391	341,210	152,334	131	----------	1,126,356	1,092,677	15,566	17,559	554	2,397,294	1,270,938	19
613,804	116,678	104,690	341,724	50,712	----------	----------	841,325	799,917	4,365	13,197	23,846	2,071,318	1,229,993	20
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	21
1,581,500	182,573	229,081	1,020,620	149,226	----------	----------	3,062,575	2,940,116	42,135	51,101	29,223	5,553,198	2,490,623	22
2,804,939	463,505	142,113	1,973,259	225,374	688	----------	4,981,771	4,924,274	9,038	44,731	3,728	9,174,375	4,192,604	23
2,029,083	209,768	205,443	1,153,842	425,005	1,671	33,354	1,321,897	1,281,019	13,864	22,596	4,418	4,669,999	3,348,102	24
6,794,439	784,707	1,051,352	2,596,990	2,187,752	173,638	----------	11,083,305	10,865,501	62,232	146,972	8,600	25,200,157	14,116,852	25
599,462	81,070	57,342	417,400	43,650	----------	----------	409,458	300,264	90,830	18,364	----------	1,295,949	886,491	26
2,333,424	526,117	528,252	873,119	325,381	40,506	40,049	8,548,386	8,351,100	121,617	75,669	----------	14,688,895	6,140,509	27
1,990,940	331,492	199,619	1,280,954	175,005	3,350	520	8,584,464	8,484,834	20,842	39,767	39,021	12,408,803	3,824,339	28
1,617,363	338,128	212,505	939,900	119,154	186	7,490	1,755,606	1,693,866	20,755	39,806	1,179	4,322,411	2,566,805	29
8,114,648	273,542	1,242,449	6,132,752	255,175	207,723	3,007	25,272,543	24,815,888	229,105	221,806	5,744	42,603,064	17,330,521	30
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	31
2,185,673	198,008	137,171	1,709,625	139,049	1,820	----------	1,576,846	1,480,647	14,193	49,546	32,460	5,185,392	3,608,546	32
1,619,707	243,428	258,215	1,061.719	45,700	10,645	----------	1,672,779	1,569,297	50,817	49,057	3,608	4 240,267	2,567,488	33
5,846,073	713,526	208,778	4,572,891	315,992	10,079	24,807	1,509,476	1,277,764	26,031	126,692	78,989	10,609,228	9,099,752	34
2,288,800	219,683	143,166	1,818,523	106,543	----------	885	5,728,646	4,469,372	18,680	38,522	1,202,072	9,626,901	3,898,255	35
1,727,169	228,226	155,289	1,261,354	82,300	----------	----------	4,035,799	3,913,311	35,752	24,135	62,601	6,707,110	2,671,311	36
4,443,165	688,866	277,032	3,099,598	368,307	----------	9,362	8,237,934	8,076,054	23,407	96,368	42,105	15,536,752	7,298,818	37
1,051,827	163,173	88,017	654,007	145,113	----------	1,517	2,255,484	2,221,923	9,184	24,362	15	3,942,234	1,686,750	38
428,690	23,160	49,447	356,083	----------	----------	----------	302,275	249,497	39,355	13,423	----------	1,019,614	717,339	39
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	40
1,508,811	207,143	172,277	975 865	153,526	----------	----------	1,829,517	1,776,089	3,394	26,272	23,762	4,048,671	2,219,154	41
630 927	98,693	71,160	366,424	93,590	----------	1,060	2,752,185	2,733 578	1,543	15,123	1,941	4,074,771	1,322,586	42
509,363	102,300	96,250	196,789	114,024	----------	----------	1,966,621	1,938,513	3,345	24,763	----------	3,435,747	1,469,126	43
7,164,169	560,564	1,074,781	4,993,777	492,569	38,128	4,350	14,121,164	13,366,590	341,040	405,678	7,856	25,559,185	11,438,021	44
5,281,014	788,215	552,885	3,606,338	321,570	3,951	8,055	7,141,226	6,870,732	69,124	143,645	57,725	16,505,842	9,364,616	45
3,190,899	274,580	285,410	2,253,287	369,217	3,276	5,129	5,725,387	5,626,003	37,013	62,371	----------	10,969,760	5,244,373	46
1,880,808	55,910	45,173	1,775,422	2,705	----------	1,598	137,878	84,159	4,291	36,525	12,903	2,620,647	2,482,769	47
3,155,676	570,847	267,192	1,400,698	910,297	----------	6,642	17,240,028	12,118,149	193	43,323	5,078,363	23,381,147	6,141,119	48
1,669,655	99,728	54,506	1,507,441	5,510	1,144	1,326	198,005	127,353	4,774	34,498	31,380	2,706,228	2,508,223	49
3,314,654	519,701	130,616	1,929,422	713,787	----------	21,128	13,307.117	10,578,933	816	50,998	2,676,370	18,648,828	5,341,711	50
40,704,555	1,310,184	579,206	38,647,476	113,251	----------	54,438	2,197,379	1,485,188	60,220	595,704	56,267	52,522,875	50,325,496	51
60,659,950	7,964,024	4 748.247	36,915,400	10,588,501	1,938	441,840	222,573,624	159,409,094	15,427	933,850	62,215,253	324,096,973	101,523,349	52
2,509,609	137,656	167,906	2,076,025	124,737	----------	3,285	6,945,259	6,295,945	1,679	45,290	602,345	11,523,010	4,577,751	53
2.334.570	239,092	127,536	1,786,054	169,510	6,900	5,478	6,682,712	6,459,484	438	46,610	176,180	10,305,100	3,622,388	54
10,192,213	1,133,381	739,225	7,227,147	1,064,142	----------	28,318	36,218.450	32,238,729	5,316	155,727	3,818,678	54,425,369	18,206 919	55
2,541,088	401,352	176,649	1,573,314	384,559	----------	5,214	6,829,931	5,926,573	3,336	35,731	864,291	11,315,912	4,485,981	56
6,640,109	810,699	420,467	4,802,782	597,246	3,655	5,260	15,757,672	14,271,412	3,224	78,509	1,404,527	25,934,106	10,176,434	57
1,602,141	246,057	145,564	1,088.104	122,416	----------	----------	2,928,111	2,861,488	5,450	60,747	426	6,104,817	3,176,706	58
1,112,829	304,047	84,928	617,558	98,331	----------	7,965	1,414,019	1,355,668	5,746	48,996	3,609	3,342,766	1,928,747	59
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	60

TABLE 9.—GENERAL STATISTICS FOR INDUSTRIAL

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
		NEW YORK CITY-NEWARK-JERSEY CITY INDUSTRIAL AREA—Continued									
1	3	Woolen and worsted manufactures—contract factories	5	5	64	6		58			
2	3	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	22	9	10,232	37	563	9,586	46		
3	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	121	80	3,342	100	141	2,948	144	1	8
4	9	Writing ink	5	3	70	10	5	38	17		
5		Other industries [6]	1,859	1,039	134,739	1,997	13,630	110,633	6,595	1,160	724
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]									
6	1	Food and kindred products	55	11	5,316	56	611	3,338	905	123	283
7	3	Textile-mill products and other fiber manufactures	135	71	18,774	166	1,151	16,453	947	54	3
8	4	Apparel and other finished products made from fabrics and similar materials	608	471	15,285	512	841	12,473	1,395	14	50
9	6	Furniture and finished lumber products	66	33	2,024	78	192	1,620	126	1	7
10	9	Chemicals and allied products	66	12	5,295	84	758	4,131	146	163	13
11	13	Stone, clay, and glass products	57	10	3,497	57	323	2,900	182	33	2
12	14	Iron and steel and their products, except machinery	83	30	8,414	103	864	7,236	202	9	
13	15	Nonferrous metals and their products	199	184	13,703	160	1,564	11,237	410	233	99
14	16	Electrical machinery	101	16	12,838	136	1,589	10,221	810	50	32
15	17	Machinery (except electrical)	101	30	11,233	147	1,548	8,880	462	191	5
16	19	Transportation equipment except automobiles	71	9	24,178	141	2,746	20,578	361	253	99
17	20	Miscellaneous industries	270	142	10,822	312	1,111	8,814	494	32	59
18	2	Tobacco manufactures	24	5	1,921	14	137	1,609	89		72
19	5	Lumber and timber basic products	10	13	231	6	13	202	10		
20	7	Paper and allied products	4	2	56	6	5	37	8		
21	8	Printing, publishing, and allied industries	8		1,152	19	177	904	48	4	
22	11	Rubber products	1								
		BUFFALO INDUSTRIAL AREA									
23		All industries, total	1,470	765	117,251	1,459	15,160	91,328	7,389	1,689	226
24	13	Abrasive wheels, stones, paper, cloth, and related products	4		2,976	14	660	1,890	244	168	
25	19	Aircraft and parts, including aircraft engines	3		4,278	9	880	3,348	41		
26	15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	3		1,246	3	153	981	10	98	1
27	6	Baskets for fruits and vegetables	4		263	7	11	240	2	3	
28	16	Batteries, storage and primary (dry and wet)	3		755	3	115	603	34		
29	1	Biscuit, crackers, and pretzels	4	1	816	4	34	569	201		8
30	14	Blast-furnace products	6		1,397	2	90	1,282	22	1	
31	8	Bookbinding and related industries	6	6	1,036	8	71	650	307		
32	8	Books: printing without publishing	6	1	123	4	16	92	9	2	
33	8	Books: publishing and printing	5	1	94	9	6	67	11	1	
34	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	186	192	2,856	15	151	2,374	274	3	39
35	13	Brick and hollow structural tile	5		192	6	13	171	2		
36	1	Candy and other confectionery products	11	7	311	11	17	230	53		
37	1	Canned and dried fruits and vegetables (including canned soups)	17	5	523	10	35	467	6	2	3
38	4	Canvas products (except bags)	5		68	9	7	41	11		
39	19	Cars and car equipment—railroad, street, and rapid-transit	4		875	1	102	772			
40	13	Cement	3		245	3	28	201	12	1	
41	1	Cheese	8	7	15		1	14			
42	9	Chemicals not elsewhere classified	26	1	7,834	38	1,820	5,391	179	401	5
43	1	Chewing gum	3		121	5	14	87	14		1
44	2	Cigars	6	7	17			17			
45	9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	9		182		16	123	43		
46	13	Concrete products	24	14	171	14	11	127	19		
47	1	Condensed and evaporated milk	3	1	29	1	6	20	2		
48	7	Converted paper products not elsewhere classified	3		19	3	4	12			
49	6	Cooperage	3		111		19	88	4		
50	3	Cotton narrow fabrics	4		287	7	26	233	21		
51	1	Creamery butter	4		101	4	16	41	34	6	
52	20	Dental equipment and supplies	5	1	89	9	11	42	27		
53	14	Doors, window sash, frames, molding, and trim (made of metal)	3		67	8	9	41	9		
54	9	Drugs and medicines (including drug grinding)	23	6	603	37	93	418	45	8	2
55	15	Electroplating, plating, and polishing	6	4	96	2	10	80	4		
56	8	Electrotyping and stereotyping, not done in printing establishments	4		69	2	10	50	7		
57	17	Elevators, escalators, and conveyors	3		267	3	47	217			
58	8	Engraving (steel, copperplate, and wood); plate printing	8	7	58	8	6	39	5		
59	7	Envelopes	3		236	5	14	197	20		
60	20	Fabricated plastic products, not elsewhere classified	3	1	247	3	15	212	17		
61	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	18	8	600	22	84	472	22		
62	9	Fertilizers	4		158	3	12	142	1		
63	1	Flavoring extracts and flavoring sirups, not elsewhere classified	3	8	13	1	2	5	5		

See footnotes at end of table.

AREAS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK					Value of products	Value added by manufacture [4]	
Total [2]	Salaries of officers of corporations [2]	Manufacturing: Salaries [2]	Manufacturing: Wages	Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work			
NEW YORK CITY-NEWARK-JERSEY CITY INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
42,503	7,477	----------	35,026	----------	----------	----------	7,529	4,838	432	2,259	----------	74,553	67,024	1
11,355,135	361,787	1,297,004	9,573,766	122,578	----------	----------	23,021,929	22,303,258	522,863	78,203	117,605	44,839,619	21,817,690	2
3,230,568	446,024	212,164	2,346,841	205,396	1,736	18,407	8,225,628	6,913,530	16,451	55,945	1,239,702	13,425,708	5,200,080	3
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	4
200,391,472	11,576,694	29,127,443	143,569,766	12,752,203	2,247,954	1,117,412	678,763,507	658,528,421	8,678,941	6,022,509	5,533,636	1,044,657,544	365,894,037	5
9,169,469	680,987	1,496,631	4,442,471	1,810,091	276,887	462,402	30,779,547	29,769,395	564,745	445,407	----------	62,285,866	31,506,319	6
23,935,901	1,132,776	2,401,427	18,495,103	1,828,314	76,201	2,080	53,276,000	51,269,854	940,328	678,011	387,807	96,863,965	43,587,965	7
16,212,681	2,321,042	1,211,389	10,406,195	2,194,272	43,656	36,127	48,999,321	45,336,036	28,323	251,774	3,383,188	75,688,329	26,689,008	8
2,603,260	341,501	325,370	1,714,222	212,281	1,500	8,386	5,826,280	5,590,344	129,321	103,626	2,989	10,951,125	5,124,845	9
8,893,223	545,552	1,605,785	6,230,523	324,595	173,478	13,290	53,654,604	51,922,294	1,211,293	392,501	128,516	78,722,439	25,067,835	10
4,889,865	323,619	647,991	3,523,688	347,681	44,918	1,968	6,387,051	5,576,622	575,644	229,067	5,718	15,928,773	9,541,722	11
12,306,565	695,772	1,784,042	9,396,056	415,137	15,558	----------	19,875,016	17,903,820	1,069,756	755,173	146,267	40,032,076	20,157,060	12
21,664,121	1,014,288	3,507,615	15,919,528	693,312	395,071	134,307	294,740,900	291,227,755	2,525,439	557,932	429,774	327,468,017	32,727,117	13
18,461,893	801,964	3,396,548	12,271,891	1,838,952	111,585	40,953	33,892,635	32,434,645	530,022	859,517	68,451	71,004,220	37,111,585	14
17,902,580	737,506	3,170,328	12,549,723	1,092,638	345,524	6,861	14,280,176	13,497,301	411,802	347,237	23,836	41,821,721	27,541,545	15
44,682,010	1,233,799	6,564,186	35,260,815	799,915	659,902	163,393	42,988,691	41,221,499	457,425	874,263	435,504	113,546,866	70,558,175	16
14,475,448	1,451,975	2,118,155	9,754,621	911,389	95,468	143,840	23,906,923	23,167,093	135,835	383,347	220,648	49,353,644	25,446,721	17
5,194,456	295,913	897,976	3,604,930	283,626	8,206	103,805	50,156,363	49,611,763	99,008	144,654	300,938	60,990,503	10,834,140	18–22
BUFFALO INDUSTRIAL AREA														
186,032,791	9,383,016	32,253,538	127,122,954	14,348,247	2,640,447	284,589	510,883,150	471,175,210	24,301,393	12,978,969	2,427,578	905,220,863	394,337,713	23
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	24
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	25
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	26
226,241	25,874	17,432	171,977	6,630	4,328	----------	186,023	177,557	1,120	7,311	35	532,191	346,168	27
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	28
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	29
2,461,692	30,000	298,311	2,029,573	102,585	1,223	----------	27,778,618	17,314,869	10,149,102	314,647	----------	36,890,837	9,112,219	30
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	31
154,126	18,190	26,843	81,826	23,092	4,175	----------	118,618	70,158	1,799	1,524	45,137	330,879	212,261	32
167,017	30,973	11,555	106,388	16,541	1,560	----------	114,102	89,999	4,268	2,681	17,154	348,168	234,066	33
4,059,928	53,651	305,186	3,341,188	310,801	2,436	46,666	6,152,832	5,854,925	211,276	86,631	----------	13,902,157	7,749,325	34
279,813	34,800	21,712	219,964	3,337	----------	----------	166,785	39,359	97,662	29,764	----------	615,337	448,552	35
329,519	58,896	26,779	178,351	65,493	----------	----------	855,403	835,046	10,622	9,735	----------	1,305,352	449,949	36
350,368	47,712	37,676	257,243	3,724	2,338	1,675	1,215,828	1,179,515	26,337	9,976	----------	1,987,053	771,225	37
94,693	20,764	13,537	40,079	20,313	----------	----------	93,817	91,488	1,357	972	----------	195,804	101,987	38
(5)	(5)	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	39
406,316	25,037	72,023	278,614	29,037	1,605	----------	944,547	544,472	211,798	188,277	----------	2,033,087	1,088,540	40
19,888	----------	1,192	18,696	----------	----------	----------	196,297	190,165	3,695	2,437	----------	245,105	48,808	41
15,670,567	617,204	4,913,617	9,140,356	507,452	488,156	3,782	32,188,366	25,679,712	1,713,735	4,752,411	42,508	75,984,819	43,796,453	42
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	43
11,757	----------	----------	11,757	----------	----------	----------	18,418	17,985	325	108	----------	41,523	23,105	44
(5)	----------	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	45
247,431	42,705	19,941	166,526	18,259	----------	----------	771,072	754,616	10,649	5,132	675	1,307,914	536,842	46
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	47
23,946	7,782	5,424	10,636	104	----------	----------	65,235	65,040	----------	195	----------	106,724	41,489	48
(5)	----------	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	49
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	50
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	51
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	52
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	53
943,681	288,458	165,639	403,381	67,177	17,011	2,015	1,454,847	1,421,515	23,146	9,763	423	3,988,270	2,533,423	54
175,973	29,803	19,015	111,011	16,144	----------	----------	43,742	32,764	4,526	6,328	124	298,379	254,637	55
155,532	34,715	14,355	96,462	10,000	----------	----------	58,320	51,496	1,395	4,222	1,207	295,231	236,911	56
(5)	(5)	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	57
94,450	18,874	13,189	59,731	2,656	----------	----------	49,972	48,522	308	1,142	----------	201,273	151,301	58
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	59
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	60
1,014,301	70,316	181,582	719,248	43,155	----------	----------	2,679,712	2,598,216	7,875	31,241	42,380	4,365,742	1,686,030	61
193,264	5,200	24,483	161,767	1,500	314	----------	1,195,898	1,179,434	2,181	14,283	----------	1,580,421	384,523	62
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	63

TABLE 9.—GENERAL STATISTICS FOR INDUSTRIAL

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [1]	Salaried officers of corporations [1]	Manufacturing: Salaried employees [1]	Manufacturing: Wage earners (average for year) [1]	Distribution	Construction	Other
		BUFFALO INDUSTRIAL AREA—Continued									
1	1	Flour and other grain-mill products	12	2	2,161	16	241	1,615	186	95	8
2	1	Food preparations, not elsewhere classified	4	6	12		1	11			
3	17	Food-products machinery	8		536	16	63	406	49	1	1
4	14	Forgings, iron and steel—made in plants not operated in connection with rolling mills	5		551	11	46	474	20		
5	20	Games and toys (except dolls and children's vehicles)	4	1	236	4	19	211	2		
6	8	General commercial (job) printing	88	68	2,075	46	346	1,512	167	4	
7	16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	5	1	104	5	29	63	7		
8	14	Gray-iron and semisteel castings	15	4	1,127	22	67	1,024	13		1
9	9	Grease and tallow (except lubricating greases)	5	1	141	5	13	111	12		
10	13	Gypsum products	4		533		60	473			
11	20	Hand stamps, stencils, and brands	4	3	35	3	8	12	12		
12	14	Heating and cooking apparatus, except electric, not elsewhere classified	5	1	113	8	12	78	15		
13	6	Household furniture, except upholstered	10		490	19	27	374	46	9	15
14	1	Ice cream and ices	11	9	269	7	16	97	141	8	
15	1	Ice, manufactured	19	3	177	20	18	82	56	1	
16	12	Industrial leather belting and packing leather	3	1	16	5	1	10			
17	17	Industrial machinery, not elsewhere classified	15	5	1,221	27	387	773	33		1
18	9	Insecticides, fungicides, and related industrial and household chemical compounds	13	6	60	9	11	36	4		
19	17	Internal-combustion engines	3		1,234	5	345	826	56	1	1
20	20	Jewelry cases and instrument cases	7	6	673	12	11	564	86		
21	15	Jewelry (precious metals)	15	15	209	7	9	173	20		
22	3	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	3		113	1	3	109			
23	12	Leather gloves and mittens	4	7	31	3	2	24	2		
24	15	Lighting fixtures	6	4	345	13	72	251	7	2	
25	8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	8	3	293	10	45	228	10		
26	9	Lubricating oils and greases—not made in petroleum refineries	6		98	6	21	38	33		
27	1	Macaroni, spaghetti, vermicelli, and noodles	4	1	68	5	6	43	12	1	1
28	8	Machine and hand typesetting (including advertisement typesetting)	5	4	40	1	7	29	3		
29	17	Machine-shop products, not elsewhere classified	28	10	750	40	142	530	34	1	3
30	17	Machine-shop repairs	15	7	130	14	12	102	1		1
31	17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	7	2	172	10	16	144	2		
32	14	Malleable-iron castings	5		976	12	81	858	22	3	
33	1	Malt	4		145	11	14	110	9	1	
34	1	Malt liquors	11		1,136	28	119	577	384	20	8
35	6	Mattresses and bedsprings	8	7	81	4	7	65	5		
36	1	Meat packing, wholesale	27	19	1,421	36	135	828	407	11	4
37	17	Mechanical power-transmission equipment	4		497	7	111	363	16		
38	4	Men's and boys' hats and caps (except felt and straw)	4	3	29	2	1	26			
39	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	6	11	36		1	35			
40	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	11	5	1,297	17	73	1,158	49		
41	4	Millinery	5	2	336	10	9	312	5		
42	13	Minerals and earths, ground or otherwise treated	3		60		7	53			
43	13	Mirrors and other glass products made of purchased glass	9	7	509	10	49	424	26		
44	20	Models and patterns (except paper patterns)	10	12	70	5	2	61	2		
45	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	8	6	78	8	11	47	12		
46	18	Motor vehicles, motor-vehicles bodies, parts and accessories	22	8	10,029	27	1,194	8,412	369	25	2
47	8	Newspapers: publishing and printing	23	16	2,257	26	712	1,237	282		
48	8	Newspapers: publishing without printing	5	5	15		12		3		
49	1	Nonalcoholic beverages	38	38	247	15	19	108	104		1
50	15	Nonferrous-metal foundries (except aluminum)	8	5	400	11	37	335	3	2	12
51	10	Oven coke and coke-oven byproducts	3		1,206		87	1,064	4	51	
52	9	Paints, varnishes, and lacquers	9		647	22	71	232	307	4	11
53	7	Paper and paperboard mills	10		2,662	7	323	2,189	77	57	9
54	7	Paperboard containers and boxes not elsewhere classified	17	8	1,278	28	98	1,033	119		
55	6	Partitions, shelving, cabinet work, and office and store fixtures	3		76	8	9	22	37		
56	10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	4		28	1	5	21	1		
57	9	Perfumes, cosmetics, and other toilet preparations	5		171	7	17	87	60		
58	8	Periodicals: publishing and printing	4	1	73	4	15	45	9		
59	8	Photoengraving, not done in printing establishments (including preparation of plates)	8	7	144	14	19	93	18		
60	1	Pickled fruits and vegetables and vegetable sauces and seasonings	3	3	51		2	34	13		2
61	5	Planing mills not operated in conjunction with sawmills	26	11	348	21	36	243	42	5	1
62	1	Poultry dressing and packing, wholesale	3	6	19			17	2		
63	14	Power boilers and associated products	10	3	357	22	40	260	35		
64	1	Prepared feeds (including mineral) for animals and fowls	27	14	1,622	18	220	1,065	252	65	2
65	9	Printing ink	3		16	3	3	8	2		

See footnotes at end of table.

AREAS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
BUFFALO INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
3,609,850	143,245	541,354	2,415,858	319,463	166,707	23,223	52,132,629	51,540,664	82,047	509,918	----	67,830,139	15,697,510	1
(5)	----	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	2
912,603	136,488	130,444	512,343	129,788	2,340	1,200	839,446	810,055	13,436	15,955	----	2,340,371	1,500,925	3
836,219	85,150	79,779	639,167	32,123	----	----	1,260,563	1,153,529	73,207	33,827	----	2,691,261	1,430,698	4
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	5
3,076,803	168,752	596,243	1,962,436	344,515	4,857	----	3,896,319	3,263,305	33,309	48,821	550,884	8,944,670	5,048,351	6
189,945	11,327	69,594	93,248	15,776	----	----	289,722	282,832	2,905	3,985	----	556,433	266,711	7
1,522,034	138,707	111,019	1,241,577	30,494	----	237	1,035,213	840,620	136,799	40,130	17,664	3,425,512	2,390,299	8
188,774	23,731	25,261	125,572	14,210	----	----	729,145	690,924	23,901	14,320	----	1,043,388	314,243	9
(5)	----	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	10
44,398	5,776	9,908	12,622	16,092	----	----	32,904	31,932	617	355	----	74,069	41,165	11
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	12
767,405	93,070	44,356	442,853	141,408	13,930	31,788	826,006	797,735	14,300	13,971	----	1,734,610	908,604	13
498,244	55,000	44,939	110,645	272,555	15,105	----	941,401	901,435	14,627	25,339	----	2,231,646	1,290,245	14
285,891	83,349	32,231	92,386	77,095	830	----	111,981	30,143	2,483	79,355	----	671,880	559,899	15
(5)	(5)	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	16
2,088,833	155,151	745,868	1,093,317	93,717	----	780	2,171,770	2,098,125	27,439	32,646	13,560	4,887,269	2,715,499	17
104,470	32,527	19,412	42,159	10,372	----	----	410,534	403,378	3,723	3,433	----	883,048	472,514	18
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	19
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	20
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	21
93,748	2,640	7,916	83,192	----	----	----	208,203	206,749	443	1,011	----	339,463	131,260	22
37,505	13,200	1,360	22,806	139	----	----	74,846	74,126	395	325	----	81,044	6,198	23
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	24
496,688	62,259	92,658	321,490	20,281	----	----	851,921	252,935	7,920	6,795	584,271	1,637,471	785,550	25
155,389	36,292	41,207	51,396	26,494	----	----	432,547	416,604	8,620	4,742	2,581	740,230	307,683	26
60,511	9,917	6,144	31,696	11,983	527	244	167,572	157,925	4,341	5,306	----	258,659	91,087	27
64,631	3,305	11,426	46,260	3,640	----	----	7,636	6,270	----	1,091	275	111,499	103,863	28
1,280,855	227,427	256,483	709,108	83,509	1,536	2,792	1,283,745	1,186,398	57,252	32,980	7,115	2,910,934	1,627,189	29
241,593	61,006	17,746	161,513	884	----	444	162,851	152,349	5,002	5,350	150	553,874	391,023	30
347,735	70,710	36,507	236,218	4,300	----	----	101,881	93,412	3,238	3,875	1,356	576,838	474,957	31
1,190,395	61,205	137,045	940,031	46,406	5,708	----	847,873	693,643	104,099	48,500	1,631	2,540,927	1,693,054	32
393,534	153,488	33,134	189,576	15,256	2,080	----	3,819,203	3,686,963	90,000	42,240	----	5,431,128	1,611,925	33
2,262,842	200,620	205,977	1,144,189	651,548	45,344	15,164	1,826,487	1,655,393	122,951	48,143	----	7,164,573	5,338,086	34
107,067	27,580	9,611	63,450	6,426	----	----	297,394	293,629	1,824	1,941	----	442,412	145,018	35
1,334,642	143,133	136,410	784,614	249,465	14,714	6,306	13,423,913	13,318,073	64,963	40,877	----	16,470,216	3,046,303	36
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	37
20,714	2,600	1,300	16,814	----	----	----	42,205	41,743	136	326	----	88,319	46,114	38
29,051	----	380	28,671	----	----	----	8,038	6,755	399	384	500	61,229	53,191	39
1,400,405	85,808	139,295	1,040,485	134,817	----	----	2,107,359	1,998,206	9,167	9,669	90,317	3,906,031	1,798,672	40
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	41
(5)	----	(5)	(5)	----	----	----	(5)	----	(5)	(5)	----	(5)	(5)	42
494,012	32,419	103,767	303,644	54,182	----	----	879,532	863,251	7,022	6,691	2,568	1,907,883	1,028,351	43
135,000	13,326	1,287	116,889	3,498	----	----	28,835	23,504	1,971	1,907	1,453	249,976	221,141	44
123,417	27,976	22,844	60,988	11,609	----	----	86,523	79,212	1,731	5,580	----	286,738	200,215	45
16,183,223	160,965	2,466,116	12,633,533	870,542	48,739	3,328	65,071,542	64,334,491	345,174	372,341	19,536	100,335,923	35,264,381	46
4,158,995	199,986	1,472,703	2,025,950	460,356	----	----	3,868,435	3,480,015	26,327	67,630	294,463	10,857,440	6,989,005	47
15,891	----	13,498	----	2,393	----	----	44,909	----	----	----	44,909	91,540	46,631	48
347,738	45,089	26,016	106,983	169,309	----	341	581,104	558,761	13,457	8,886	----	1,421,276	840,172	49
561,199	57,988	62,499	423,187	5,688	767	11,070	996,179	916,667	48,025	16,309	15,178	2,019,567	1,023,388	50
2,011,248	----	291,878	1,667,873	12,113	39,384	----	15,755,357	15,119,407	508,076	127,874	----	20,713,126	4,957,769	51
1,448,098	247,521	154,705	335,712	694,792	6,629	8,739	2,167,819	2,134,098	19,570	14,151	----	5,237,673	3,069,854	52
4,177,983	58,936	736,482	3,030,391	165,844	178,437	7,893	10,879,460	9,736,942	620,684	521,834	----	19,105,026	8,225,566	53
1,665,300	186,441	186,516	1,030,322	262,021	----	----	2,093,515	2,048,449	24,056	21,010	----	4,893,358	2,799,843	54
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	55
59,954	6,000	6,498	40,056	7,400	----	----	272,348	261,980	6,037	4,331	----	446,888	174,540	56
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	57
91,147	8,497	17,082	51,076	14,492	----	----	19,628	16,775	1,079	1,395	379	148,155	128,527	58
340,901	69,265	34,493	203,661	33,482	----	----	73,247	49,545	2,043	3,274	18,385	539,740	466,493	59
32,094	----	1,976	12,662	16,106	----	1,350	117,614	115,773	1,341	500	----	184,327	66,713	60
526,956	78,981	52,329	325,432	65,620	3,894	700	1,024,572	989,375	9,526	25,195	476	2,099,367	1,074,795	61
12,791	----	----	9,567	3,224	----	----	192,835	192,175	456	204	----	225,230	32,395	62
536,069	99,643	56,844	323,822	55,760	----	----	925,438	887,428	7,432	17,478	13,100	1,870,637	945,199	63
2,744,020	127,519	449,647	1,640,288	453,450	70,460	2,656	45,844,258	45,577,446	45,291	221,521	----	54,194,063	8,349,805	64
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	65

TABLE 9.—GENERAL STATISTICS FOR INDUSTRIAL

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [3]	Manufacturing: Salaried employees [3]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
		BUFFALO INDUSTRIAL AREA—Continued									
1	7	Pulp mills	3		183		7	176			
2	17	Pumping equipment and air compressors	4		231	10	52	137	32		
3	17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	4		211	8	22	159	22		
4	10	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	3		231		19	211	1		
5	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	19	17	334	9	19	182	114	8	2
6	15	Secondary smelting and refining of nonferrous metals, not elsewhere classified	3	1	45	8	7	22	6		2
7	15	Sheet-metal work not specifically classified	13	7	148	18	11	104	14		1
8	20	Signs, advertising displays, and advertising novelties	19	4	318	25	34	228	31		
9	12	Small leather goods	3		141	5	10	125	1		
10	9	Soy bean oil, cake, and meal	3		311		28	283			
11	20	Sporting and athletic goods not elsewhere classified	5	1	271	7	24	229	11		
12	14	Stamped and pressed metal products (except automobile stampings)	6		1,234	14	126	1,061	33		
13	14	Steam and hot-water heating apparatus (including hot-water furnaces)	4		1,241	1	143	1,093	4		
14	14	Steel works and rolling mills	7		13,618	14	1,359	11,999	67	179	
15	20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	5	6	522	1	26	494	1		
16	4	Textile bags not made in textile mills	4		444	4	24	380	34		2
17	14	Tools (except edge tools, machine tools, files, and saws)	7	3	967	13	105	787	47	15	
18	4	Trousers (semidress), wash suits, and washable service apparel	3	6	98	1	5	88	4		
19	6	Upholstered household furniture	7	3	294	6	27	240	21		
20	1	Vinegar and cider	3	6	23		1	20	2		
21	7	Wallpaper	3		458	11	23	362	62		
22	6	Window shades	3	1	10	1	1	6	2		
23	14	Wirework not elsewhere classified	7	3	413	10	65	280	47	11	
24	6	Wooden boxes except cigar boxes	3	2	177	2	9	154	10	2	
25	6	Wood products not elsewhere classified	5	3	75	2	6	67			
26	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	4	3	206	4	14	177	11		
27		Other industries [6]	385	136	47,012	500	6,240	36,563	2,906	714	89
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]									
28	1	Food and kindred products	38	26	2,295	27	138	1,761	335	7	27
29	3	Textile-mill products and other fiber manufactures	18	5	2,611	24	126	2,405	48	8	
30	4	Apparel and other finished products made from fabrics and similar materials	20	11	1,460	33	128	1,144	155		
31	6	Furniture and finished lumber products	22	4	1,437	29	249	1,035	109	15	
32	7	Paper and allied products	11		1,111	10	53	920	128		
33	9	Chemicals and allied products	37	4	3,293	27	487	2,319	295	147	18
34	12	Leather and leather products	9	7	368	13	31	310	14		
35	13	Stone, clay, and glass products	24	8	4,396	28	801	3,074	315	178	
36	14	Iron and steel and their products, except machinery	55	11	6,311	97	754	5,181	247	31	1
37	15	Nonferrous metals and their products	33	21	2,199	36	287	1,728	44	100	4
38	16	Electrical machinery	10		4,820	13	701	3,924	174		8
39	17	Machinery (except electrical)	31	3	3,894	62	819	2,700	302	10	1
40	19	Transportation equipment except automobiles	12		5,597	19	1,018	4,513	47		
41	20	Miscellaneous industries	44	24	3,005	50	272	2,415	219	49	
42	8	Printing, publishing, and allied industries	11	9	1,057	12	83	650	312		
43	11	Rubber products	6		2,787	16	250	2,326	110	74	11
44	5	Lumber and timber basic products	2	3	371	4	43	158	52	95	19
45	10	Products of petroleum and coal	2								
		ROCHESTER INDUSTRIAL AREA									
46		All industries, total	803	429	67,574	856	8,602	51,331	4,503	1,949	333
47	1	Biscuit, crackers, and pretzels	3	2	187	3	11	170	3		
48	8	Bookbinding and related industries	6	4	138	4	15	106	13		
49	8	Books: printing without publishing	8	2	186	14	30	132	10		
50	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	90	93	1,348	15	88	1,044	165	2	34
51	20	Brooms	3	1	35	4	2	29			
52	1	Candy and other confectionery products	7	2	275	9	28	221	16		1
53	1	Canned and dried fruits and vegetables (including canned soups)	12	2	1,307	20	76	1,032	169	10	
54	4	Canvas products (except bags)	5	3	56	4	6	39	7		
55	20	Carbon paper and inked ribbons	9		361	18	56	225	53	9	
56	6	Caskets, coffins, burial cases, and other morticians' goods	4		98	4	6	79	9		
57	9	Cleaning and polishing preparations, blackings, and dressings	3	1	29	2	3	9	15		
58	7	Coated and glazed paper	4		83	3	6	69	5		
59	4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	3	3	28		2	23	3		
60	16	Communication equipment	3		1,022	13	256	621	126		6
61	13	Concrete products	9	5	105	12	17	66	9	1	

See footnotes at end of table.

AREAS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
BUFFALO INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
(5)	----------	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	1
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	2
282,029	29,518	39,819	160,676	52,016	----------	----------	625,485	615,832	4,812	4,841	----------	1,200,471	574,986	3
242,275	----------	39,842	201,579	854	----------	----------	1,315,310	1,261,923	18,673	34,714	----------	2,445,516	1,130,206	4
447,329	34,865	28,566	223,214	151,429	8,655	600	3,368,273	3,311,851	27,004	23,418	6,000	4,153,963	785,690	5
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	6
248,867	45,131	17,878	159,552	25,826	----------	480	307,998	295,206	3,681	2,449	6,662	658,058	350,060	7
431,093	54,896	49,590	287,057	39,550	----------	----------	319,911	295,007	14,088	6,850	3,966	888,240	568,329	8
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	9
(5)	----------	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	10
325,127	54,110	40,170	218,771	12,076	----------	----------	714,150	707,460	2,349	4,341	----------	1,196,304	482,154	11
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	12
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	13
23,275,812	127,009	3,169,400	19,580,067	168,208	231,128	----------	44,649,217	37,789,717	5,449,616	1,409,884	----------	88,309,565	43,660,348	14
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	15
557,057	43,440	67,209	384,598	59,718	----------	2,092	4,452,900	4,439,013	6,407	7,480	----------	5,549,450	1,096,550	16
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	17
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	18
374,175	31,445	51,674	266,937	24,119	----------	----------	585,306	576,965	2,855	5,324	162	1,155,150	569,844	19
(5)	----------	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	20
801,478	60,361	66,993	529,969	144,155	----------	----------	882,121	846,163	27,054	8,904	----------	2,052,614	1,170,493	21
11,464	2,563	858	4,879	3,164	----------	----------	38,350	38,064	94	192	----------	52,633	14,283	22
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	23
185,358	14,500	12,867	135,776	19,815	2,400	----------	326,768	315,135	850	10,783	----------	534,980	208,212	24
(5)	(5)	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	25
191,792	7,030	19,812	143,845	21,105	----------	----------	421,255	417,520	1,689	2,046	----------	684,199	262,944	26
72,269,622	3,703,179	12,717,182	48,223,532	6,263,575	1,253,130	109,024	135,263,197	127,557,357	3,660,204	3,465,242	580,394	282,326,378	147,063,181	27
2,972,663	180,489	284,261	1,938,579	523,167	9,686	36,481	7,310,800	6,996,076	225,950	88,774	----------	20,393,144	13,082,344	28
3,027,189	240,094	264,153	2,421,862	91,424	9,656	----------	4,433,700	4,152,586	67,667	105,054	108,393	9,745,884	5,312,184	29
1,448,343	192,738	213,367	795,431	246,807	----------	----------	2,041,043	2,011,352	11,196	15,315	3,180	4,669,565	2,628,522	30
1,969,343	107,201	394,453	1,224,042	223,399	20,248	----------	3,142,010	3,018,434	46,546	73,079	3,951	5,708,038	2,566,028	31
1,527,648	77,760	153,098	1,193,377	103,413	----------	----------	5,804,022	5,465,010	189,561	145,764	3,687	8,994,509	3,190,487	32
5,848,529	173,037	1,107,902	3,841,708	491,236	213,227	21,419	13,147,305	12,356,195	450,572	340,538	----------	28,213,362	15,066,057	33
442,067	72,557	61,284	273,042	35,184	----------	----------	1,261,840	1,236,265	15,179	10,396	----------	1,917,168	655,328	34
7,909,774	307,871	1,706,608	4,211,078	1,219,599	464,618	----------	9,133,057	8,186,606	536,719	409,732	----------	25,181,440	16,048,383	35
9,048,100	534,929	1,491,719	6,602,973	372,492	44,221	1,766	11,833,373	10,922,894	489,246	382,495	38,738	28,326,996	16,493,623	36
3,594,163	240,890	481,257	2,581,482	127,549	160,440	2,545	11,162,858	10,011,977	570,047	560,387	20,447	22,232,155	11,069,297	37
6,909,487	140,711	1,406,460	5,027,336	327,907	----------	7,073	15,460,838	14,545,848	245,970	562,239	106,781	29,589,272	14,128,434	38
6,730,702	482,756	1,571,538	3,747,491	914,518	12,959	1,440	9,140,541	8,826,656	143,406	151,257	19,222	18,264,905	9,124,364	39
9,643,683	207,836	2,357,513	6,969,497	108,837	----------	----------	8,277,247	7,897,132	99,464	91,116	189,535	22,886,245	14,608,998	40
3,973,394	387,158	513,118	2,580,303	441,286	51,529	----------	10,299,635	10,151,506	64,101	77,025	7,003	17,149,339	6,849,704	41
7,224,537	357,152	710,451	4,815,331	1,036,757	266,546	38,300	22,814,928	21,778,820	504,580	452,071	79,457	39,054,356	16,239,428	42, 43, 44, 45
ROCHESTER INDUSTRIAL AREA														
107,372,407	5,449,006	18,633,826	70,961,249	8,504,366	3,355,990	467,970	137,231,763	130,478,992	3,768,967	2,158,398	825,406	345,900,066	208,668,303	46
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	47
168,472	20,692	15,289	106,793	25,698	----------	----------	73,381	68,868	1,519	2,745	249	329,983	256,602	48
352,137	63,001	50,967	206,746	31,423	----------	----------	267,255	244,269	5,587	5,620	11,779	653,003	385,748	49
1,896,915	37,928	197,090	1,455,020	176,036	2,756	28,085	2,987,173	2,821,140	109,946	56,087	----------	6,285,441	3,298,268	50
35,762	5,235	2,258	28,269	----------	----------	----------	65,294	63,448	551	737	558	122,590	57,296	51
273,641	30,005	54,567	173,947	13,722	----------	1,400	597,942	577,198	7,663	13,081	----------	1,173,825	575,883	52
1,540,589	121,805	141,385	967,797	269,094	40,508	----------	5,751,726	5,469,918	81,644	35,629	164,535	10,558,704	4,806,978	53
49,358	8,560	7,699	22,610	10,489	----------	----------	68,391	66,047	965	1,379	----------	140,255	71,864	54
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	55
131,414	9,100	17,933	88,130	16,251	----------	----------	137,836	131,029	3,749	3,058	----------	320,645	182,809	56
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	57
115,621	9,613	12,125	88,982	4,901	----------	----------	534,305	520,582	6,718	7,005	----------	789,505	255,200	58
26,724	----------	4,420	20,703	1,601	----------	----------	42,520	41,250	250	1,020	----------	86,582	44,062	59
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	60
176,880	55,619	21,984	81,380	17,244	653	----------	168,544	157,337	4,169	7,038	----------	456,732	288,188	61

TABLE 9.—GENERAL STATISTICS FOR INDUSTRIAL

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [3]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
		ROCHESTER INDUSTRIAL AREA—Continued									
1	1	Creamery butter	3	1	31	4	3	17	7		
2	7	Die-cut paper and paperboard, and converted cardboard	3	1	221	5	5	126	85		
3	9	Drugs and medicines (including drug grinding)	8	4	155	8	19	57	71		
4	16	Electrical products not elsewhere classified	3	2	70	3	19	25	23		
5	15	Electroplating, plating, and polishing	3	3	68	4	3	60			1
6	8	Electrotyping and stereotyping, not done in printing establishments	3		54	6	11	27	10		
7	8	Engraving (steel, copperplate, and wood); plate printing	8	4	101	9	10	76	6		
8	14	Fabricated structural steel and ornamental metal work, made in plant not operated in connection with rolling mills	4		126	8	12	78	27	1	
9	1	Flavoring extracts and flavoring sirups, not elsewhere classified	7	2	314	12	51	151	95	5	
10	1	Flour and other grain-mill products	5	1	86	8	18	53	5		2
11	1	Food preparations, not elsewhere classified	4	1	219	6	22	168	18	1	4
12	17	Food-products machinery	4		81	5	10	46	20		
13	12	Footwear (except rubber)	13	3	2,377	21	158	2,090	95	1	12
14	4	Fur coats and other fur garments, accessories, and trimmings	3	5	36	4	3	29			
15	8	General commercial (job) printing	44	34	428	40	52	295	41		
16	16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	3	2	1,451	2	220	1,033	196		
17	13	Glass containers	3		463	6	7	427	23		
18	14	Gray-iron and semisteel castings	8		551	12	47	483	9		
19	20	Hand stamps, stencils, and brands	3	4	13		3	10			
20	14	Hardware not elsewhere classified	6		229	12	36	162	17	2	
21	6	Household furniture, except upholstered	7	5	247	12	22	188	25		
22	1	Ice cream and ices	18	11	159	8	19	70	58	1	3
23	1	Ice, manufactured	9	1	107	7	19	46	20		15
24	12	Industrial leather belting and packing leather	3	1	13	1	3	9			
25	17	Industrial machinery, not elsewhere classified	3		80	4	15	48	13		
26	9	Insecticides, fungicides, and related industrial and household chemical compounds	5	1	58	7	11	21	18		1
27	15	Jewelry (precious metals)	3		85	7	7	62	9		
28	8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	8	2	969	14	65	841	49		
29	1	Macaroni, spaghetti, vermicelli, and noodles	7	11	184	3	14	137	22		8
30	8	Machine and hand typesetting (including advertisement typesetting)	3	2	45	2	4	36	3		
31	17	Machine-shop products, not elsewhere classified	11	8	130	11	11	95	9		4
32	17	Machine-shop repairs	6	9	34		4	30			
33	17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	21	23	271	8	17	246			
34	17	Machine tools	5		1,869	15	308	1,487	54		5
35	1	Malt liquors	5		750	19	73	468	183	7	
36	6	Mattresses and bedsprings	4	1	77	6	9	57	5		
37	1	Meat packing, wholesale	3	1	464	8	42	265	143		6
38	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	5	10	209		6	203			
39	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	17	7	9,384	39	336	8,718	245	29	17
40	4	Men's neckwear—made in inside factories or by jobbers engaging contractors	4	10	262	3	11	213	35		
41	13	Minerals and earths, ground or otherwise treated	3		48	4	9	33			2
42	20	Miscellaneous fabricated products not elsewhere classified	4		47	5	5	34	3		
43	20	Models and patterns (except paper patterns)	6	6	30		5	24	1		
44	18	Motor vehicles, motor-vehicle bodies, parts and accessories	4	3	1,125		126	999			
45	8	Newspapers: publishing and printing	13	7	865	6	165	358	336		
46	8	Newspapers: publishing without printing	3	3	3		3				
47	1	Nonalcoholic beverages	22	18	225	9	18	83	110		5
48	15	Nonferrous-metal foundries (except aluminum)	4	1	76	4	4	66	2		
49	15	Nonferrous-metal products not elsewhere classified	4	1	125	6	4	92	22		1
50	17	Office and store machines not elsewhere classified	5		371	7	24	297	43		
51	20	Ophthalmic goods: lenses and fittings	7	2	4,360	13	840	3,073	324	94	16
52	20	Optical instruments and lenses	5	2	612	8	38	546	20		
53	9	Paints, varnishes, and lacquers	4	1	15	4	1	5	5		
54	7	Paper and paperboard mills	3		562	3	100	412	8	39	
55	7	Paperboard containers and boxes not elsewhere classified	18	5	1,074	26	78	930	35	5	
56	17	Paper-mill, pulp-mill, and paper-products machinery	3		125	4	32	82	7		
57	6	Partitions, shelving, cabinet work, and office and store fixtures	6	4	85	6	4	71	4		
58	9	Perfumes, cosmetics, and other toilet preparations	3		235	4	31	191	9		
59	8	Periodicals: publishing without printing	7	2	47	5	22		20		
60	8	Photoengraving, not done in printing establishments (including preparation of plates)	6		69	9	10	46	1		
61	1	Pickled fruits and vegetables and vegetable sauces and seasonings	3	3	271	7	41	205	18		
62	5	Planing mills not operated in conjunction with sawmills	10	9	167	8	19	133	7		
63	17	Printing-trades machinery and equipment	3		22	2	1	15	4		
64	17	Pumping equipment and air compressors	5	1	205	3	22	136	33	2	9
65	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	10	9	76		6	59	11		

See footnotes at end of table.

AREAS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [3]	Salaries of officers of corporations [3]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [3]	Wages											
ROCHESTER INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	1
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	2
250,740	41,230	35,783	46,547	127,180	----------	----------	254,900	247,638	2,344	4,918	----------	684,167	429,267	3
80,833	4,058	21,404	22,123	33,248	----------	----------	72,024	66,766	2,369	2,889	----------	140,078	68,054	4
(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	5
126,073	43,943	13,703	49,799	18,628	----------	----------	28,966	23,303	2,596	3,067	----------	218,328	189,362	6
176,570	44,619	7,313	109,735	14,903	----------	----------	99,235	92,885	1,773	3,638	939	360,395	261,160	7
221,546	40,185	24,960	118,876	35,373	2,152	----------	423,026	414,484	2,497	5,670	375	747,659	324,633	8
571,097	98,899	68,521	152,434	243,270	7,973	----------	1,637,371	1,616,998	14,415	5,958	----------	3,873,576	2,236,205	9
117,533	20,220	27,209	56,978	12,126	----------	1,000	1,403,992	1,376,692	3,728	23,572	----------	1,754,642	350,650	10
289,822	31,170	60,936	167,918	23,008	2,340	4,450	857,501	819,072	35,306	3,123	----------	2,342,098	1,484,597	11
160,126	20,493	19,560	86,370	33,703	----------	----------	237,702	215,352	977	1,150	20,223	443,292	205,590	12
2,580,789	130,204	311,108	1,889,116	237,705	1,560	11,096	2,823,924	2,770,370	22,095	29,345	2,114	7,203,898	4,379,974	13
38,256	6,575	2,739	28,942	----------	----------	----------	24,564	16,472	748	2,075	5,269	106,271	81,707	14
846,389	176,292	84,255	471,449	114,393	----------	----------	861,113	807,536	6,292	21,249	26,036	2,166,809	1,305,696	15
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	16
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	17
790,415	49,390	109,121	610,892	21,012	----------	----------	583,400	480,964	68,450	33,986	----------	1,692,360	1,108,960	18
16,105	----------	4,741	11,364	----------	----------	----------	15,909	14,781	247	231	650	56,130	40,221	19
338,658	68,559	52,256	184,547	27,896	5,400	----------	372,498	345,792	8,183	7,023	11,500	885,996	513,498	20
295,882	59,180	37,685	172,367	26,650	----------	----------	323,312	310,413	7,224	5,675	----------	803,392	480,080	21
235,482	32,607	36,117	69,456	89,910	1,404	5,988	649,115	609,002	10,512	29,601	----------	1,192,162	543,047	22
181,584	30,705	33,896	63,690	32,783	----------	20,510	82,450	19,929	8,146	54,375	----------	473,646	391,196	23
(5)	(5)	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	24
162,927	36,322	25,277	76,556	24,772	----------	----------	207,384	199,550	2,627	3,207	2,000	572,578	365,194	25
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	26
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	27
1,791,044	115,105	176,155	1,228,316	271,468	----------	----------	1,741,285	1,627,394	54,031	41,211	18,649	5,004,393	3,263,108	28
201,817	6,240	19,054	135,410	28,898	----------	12,215	824,494	793,030	5,794	25,670	----------	1,121,127	296,633	29
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	30
197,409	35,640	19,612	125,314	14,123	----------	2,720	114,337	105,397	3,370	4,787	783	405,170	290,833	31
41,130	----------	5,264	35,866	----------	----------	----------	33,246	29,742	1,648	1,856	----------	106,575	73,329	32
484,364	39,190	30,294	414,880	----------	----------	----------	166,327	150,637	5,256	9,906	528	1,016,998	850,671	33
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	34
1,534,578	140,046	156,420	837,541	392,038	8,533	----------	1,741,445	1,637,454	64,058	39,933	----------	6,268,315	4,526,870	35
110,185	23,244	13,008	60,739	13,194	----------	----------	213,111	208,397	1,707	3,007	----------	395,272	182,161	36
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	37
201,124	----------	4,919	196,205	----------	----------	----------	59,665	54,741	2,215	2,185	524	309,732	250,067	38
12,025,709	492,273	698,834	10,185,429	605,793	36,657	6,723	14,702,584	14,412,958	43,811	69,883	175,932	31,200,831	16,498,247	39
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	40
65,432	11,153	17,243	36,038	----------	----------	998	154,830	123,141	2,253	21,482	7,954	343,095	188,265	41
44,859	12,701	4,120	24,005	4,033	----------	----------	57,696	55,703	480	1,513	----------	119,410	61,714	42
54,317	----------	9,704	42,102	2,511	----------	----------	22,906	19,746	1,040	1,405	715	107,025	84,119	43
(5)	----------	(5)	(5)	----------	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	44
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	45
4,313	----------	4,313	----------	----------	----------	----------	14,785	----------	----------	----------	14,785	30,172	15,387	46
305,890	13,250	33,154	94,197	155,422	----------	9,867	516,798	498,169	7,972	10,657	----------	1,259,420	742,622	47
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	48
191,041	26,260	6,182	130,226	27,541	----------	832	175,793	161,203	3,588	6,846	4,156	412,445	236,652	49
702,536	20,186	67,110	548,340	66,900	----------	----------	486,652	478,818	2,485	5,349	----------	2,101,246	1,614,594	50
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	51
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	52
25,497	10,373	1,565	6,417	7,142	----------	----------	48,731	46,803	1,010	918	----------	79,747	31,016	53
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	54
1,399,458	147,627	125,536	1,043,753	69,326	12,274	942	2,392,416	2,308,782	26,473	17,989	39,172	4,406,805	2,014,389	55
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	56
110,862	21,630	5,170	79,293	4,769	----------	----------	101,915	92,856	980	4,272	3,807	262,536	160,621	57
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	58
67,198	18,704	29,096	----------	19,398	----------	----------	105,582	1,056	----------	----------	104,526	238,191	132,609	59
171,118	44,992	16,288	103,968	5,870	----------	----------	37,597	33,913	318	3,332	34	266,166	228,569	60
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	61
227,315	28,872	23,074	162,175	13,194	----------	----------	319,735	304,980	7,424	7,188	143	657,577	337,842	62
30,613	4,940	2,090	16,965	6,618	----------	----------	19,803	16,898	1,977	928	----------	59,237	39,434	63
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	64
101,896	----------	9,500	78,963	13,433	----------	----------	1,135,457	1,118,903	6,047	10,507	----------	1,326,704	191,247	65

TABLE 9.—GENERAL STATISTICS FOR INDUSTRIAL

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [1]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
		ROCHESTER INDUSTRIAL AREA—Continued									
1	15	Sheet-metal work not specifically classified	6	1	161	10	12	114	15	.....	10
2	20	Signs, advertising displays, and advertising novelties	15	8	408	10	35	306	57	.....	.....
3	14	Stamped and pressed metal products (except automobile stampings)	4	2	52	4	9	39	.....	.....	.....
4	20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	3	1	154	5	9	102	38	.....	.....
5	14	Tools (except edge tools, machine tools, files, and saws)	3	1	59	5	11	40	3	.....	.....
6	6	Upholstered household furniture	6	4	139	7	14	100	18	.....	.....
7	6	Wooden boxes except cigar boxes	4	1	158	7	14	130	7	.....	.....
8	6	Wood products not elsewhere classified	4	2	30	6	1	23	.....	.....	.....
9		Other industries [6]	259	90	43,219	349	6,954	31,148	2,669	1,884	215
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]									
10	1	Food and kindred products	22	15	1,158	25	115	797	192	22	7
11	3	Textile-mill products and other fiber manufactures	6	3	795	9	77	702	7	.....	.....
12	4	Apparel and other finished products made from fabrics and similar materials	13	15	693	11	31	613	38	.....	.....
13	6	Furniture and finished lumber products	13	5	1,091	18	57	699	317	.....	.....
14	7	Paper and allied products	9	1	869	13	120	592	105	39	.....
15	8	Printing, publishing, and allied industries	20	9	1,423	19	291	621	492	.....	.....
16	9	Chemicals and allied products	22	6	2,189	25	350	1,536	67	207	4
17	12	Leather and leather products	8	2	128	8	15	103	2	.....	.....
18	13	Stone, clay, and glass products	9	3	786	10	19	709	48	.....	.....
19	14	Iron and steel and their products, except machinery	16	2	1,186	22	162	954	42	6	.....
20	15	Nonferrous metals and their products	17	6	347	25	25	275	21	.....	1
21	16	Electrical machinery	10	4	3,716	28	630	2,542	497	13	6
22	17	Machinery (except electrical)	24	3	3,056	38	506	2,369	119	2	22
23	20	Miscellaneous industries	56	12	23,267	93	4,343	16,344	717	1,595	175
24	18	Automobiles and automobile equipment	4	3	1,125	.....	126	999	.....	.....	.....
25	19	Transportation equipment except automobiles	5	1	1,071	3	36	1,032	.....	.....	.....
26	10	Products of petroleum and coal	4	.....	319	2	51	261	5	.....	.....
27	11	Rubber products	1								
		ALBANY-SCHENECTADY-TROY INDUSTRIAL AREA									
28		All industries, total	579	341	46,090	499	6,274	36,368	2,296	325	328
29	8	Bookbinding and related industries	6	3	35	4	6	23	2	.....	.....
30	8	Books: printing without publishing	5	2	114	6	13	90	5	.....	.....
31	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	111	112	1,814	17	111	1,399	180	6	101
32	13	Brick and hollow structural tile	8	2	430	14	10	401	3	2	.....
33	20	Brushes	8		1,114	11	58	1,039	4	2	.....
34	9	Chemicals not elsewhere classified	3	.....	1,168	1	169	822	.....	171	5
35	4	Children's dresses—made in contract factories	3	2	183	.....	5	178	.....	.....	.....
36	2	Cigars	3	4	15	.....	1	14	.....	.....	.....
37	9	Cleaning and polishing preparations, blackings, and dressings	4	1	256	6	38	202	8	2	.....
38	13	Concrete products	15	8	124	10	8	93	13	.....	.....
39	9	Drugs and medicines (including drug grinding)	5	.....	84	6	6	70	2	.....	.....
40	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	4	5	85	7	12	56	10	.....	.....
41	1	Food preparations, not elsewhere classified	4	2	72	4	8	51	9	.....	.....
42	8	General commercial (job) printing	47	42	783	20	90	659	14	.....	.....
43	14	Gray-iron and semisteel castings	3	.....	146	6	10	130	.....		.....
44	1	Ice cream and ices	18	13	330	6	53	174	92	3	2
45	1	Ice, manufactured	7	4	58	1	6	28	23	.....	.....
46	3	Knitted cloth	8	2	616	7	49	552	7	1	.....
47	3	Knitted underwear	6	.....	878	13	67	788	4	.....	6
48	8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	6	2	41	3	6	31	1		.....
49	8	Machine and hand typesetting (including advertisement typesetting)	3	4	8	.....	1	7	.....	.....	.....
50	17	Machine-shop products, not elsewhere classified	8	2	638	21	57	504	41	9	6
51	17	Machine-shop repairs	6	4	33	1	1	31	.....	.....	.....
52	1	Malt liquors	6		760	13	40	456	239	5	7
53	6	Mattresses and bedsprings	8	8	119	6	11	93	7		2
54	4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	15	4	4,726	8	96	4,618	1	.....	3
55	8	Newspapers: publishing and printing	13	3	1,307	24	383	572	320	8	.....
56	1	Nonalcoholic beverages	18	23	198	1	15	69	113		.....
57	15	Nonferrous-metal foundries (except aluminum)	4	.....	110	4	14	92	.....		.....
58	9	Paints, varnishes, and lacquers	5	4	79	8	16	43	12	.....	.....
59	7	Paper and paperboard mills	9	.....	1,355	13	93	1,147	102	.....	.....
60	7	Paperboard containers and boxes not elsewhere classified	11	5	587	16	36	477	57	1	.....
61	8	Periodicals: publishing without printing	4	.....	68	5	15	.....	48		.....
62	8	Photoengraving, not done in printing establishments (including preparation of plates)	4	2	24	7	1	14	2	.....	.....
63	5	Planing mills not operated in conjunction with sawmills	7	7	41	5	3	25	8	.....	.....

See footnotes at end of table.

AREAS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products [4]	Value added by manufacture [4]	
		Salaries [2]	Wages											
ROCHESTER INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
229,250	45,877	18,956	133,681	21,163	----------	9,573	207,628	200,886	2,448	3,235	1,059	544,934	337,306	1
560,563	46,060	62,925	370,159	79,711	1,708	----------	510,905	483,231	11,327	8,123	8,224	1,463,937	953,032	2
84,862	11,000	23,358	50,504	----------	----------	----------	109,641	104,024	1,996	3,621	----------	235,785	126,144	3
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	4
61,863	18,096	13,443	25,931	4,393	----------	----------	120,922	94,762	----------	2,342	23,818	252,062	131,140	5
142,202	18,940	13,681	83,451	26,130	----------	----------	217,159	208,687	3,245	5,227	----------	402,531	185,372	6
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	7
29,752	10,244	1,872	17,636	----------	----------	----------	28,734	27,791	316	533	94	68,260	39,526	8
73,925,870	2,790,154	15,519,585	47,064,209	4,968,279	3,232,072	351,571	89,196,831	84,469,805	3,082,408	1,470,342	174,276	238,799,626	149,602,795	9
1,727,087	145,644	269,600	967,613	333,067	3,216	7,947	7,185,243	7,053,645	73,021	58,577	----------	11,379,890	4,194,647	10
1,147,332	119,690	177,415	839,414	10,813	----------	----------	1,831,522	1,782,996	14,743	18,783	15,000	3,734,214	1,902,692	11
823,349	53,440	51,041	660,467	58,401	----------	----------	1,848,402	1,823,260	2,084	8,278	14,780	3,382,851	1,534,449	12
1,219,041	71,345	99,896	687,417	360,383	----------	----------	1,139,475	1,083,267	24,624	22,281	9,303	2,724,632	1,585,157	13
1,852,258	131,067	343,094	1,033,006	279,080	66,011	----------	2,932,189	2,735,479	101,836	93,793	1,081	6,891,115	3,958,926	14
2,972,124	225,520	588,846	1,205,732	952,026	----------	----------	1,462,170	1,397,367	20,083	43,525	1,195	7,663,250	6,201,080	15
4,056,919	114,280	880,886	2,627,494	84,637	346,946	2,676	12,150,640	11,232,385	800,581	117,074	600	25,636,435	13,485,795	16
187,920	59,838	22,448	97,148	8,486	----------	----------	199,627	190,195	5,066	4,366	----------	431,028	231,401	17
1,229,964	87,775	46,582	1,002,799	92,808	----------	----------	1,995,152	1,662,046	236,761	87,059	9,286	3,507,598	1,512,446	18
1,884,097	101,030	360,737	1,329,146	64,441	28,743	----------	5,368,254	5,076,950	163,044	125,283	2,977	9,271,918	3,903,664	19
511,586	87,944	50,394	304,356	66,552	----------	2,340	1,125,489	1,076,002	32,895	16,592	----------	2,018,631	893,142	20
5,793,712	301,807	1,303,977	3,349,164	809,137	23,191	6,436	4,270,559	4,068,272	101,995	100,292	----------	14,100,896	9,830,337	21
6,367,403	247,792	1,292,876	4,510,312	290,463	3,240	22,720	3,852,893	3,636,387	124,807	75,970	15,729	15,369,086	11,516,193	22
40,320,984	1,015,682	9,582,615	25,171,146	1,552,699	2,689,390	309,452	31,842,628	30,027,549	1,230,983	482,522	101,574	116,338,014	84,495,386	23
3,832,094	27,300	449,178	3,278,995	5,286	71,335	----------	11,992,588	11,624,005	149,885	215,947	2,751	16,350,068	4,357,480	24, 25, 26, 27
ALBANY-SCHENECTADY-TROY INDUSTRIAL AREA														
68,969,512	3,020,343	14,365,030	46,162,848	4,295,965	596,876	528,450	118,504,177	111,570,988	3,111,416	2,325,474	1,496,299	245,199,246	126,695,069	28
57,150	11,109	13,722	31,175	1,144	----------	----------	26,402	23,195	585	979	1,643	108,794	82,392	29
218,425	29,450	21,848	159,677	7,450	----------	----------	113,259	100,794	2,941	3,831	5,693	402,583	289,324	30
2,359,985	103,261	199,506	1,767,151	184,147	7,956	97,964	3,910,891	3,708,323	132,655	69,913	----------	8,341,159	4,430,268	31
473,286	47,680	21,858	392,748	7,600	3,400	----------	379,197	148,790	210,877	19,530	----------	1,071,190	691,993	32
1,169,439	107,164	93,895	941,126	24,850	2,404	----------	1,583,797	1,549,151	8,173	20,037	6,436	3,428,200	1,844,403	33
(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	34
(5)	----------	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	35
11,671	----------	1,250	10,421	----------	----------	----------	15,230	15,037	139	54	----------	36,690	21,460	36
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	37
176,411	39,897	14,635	109,852	12,027	----------	----------	525,248	509,323	3,899	12,026	----------	938,966	413,718	38
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	39
143,037	26,567	26,712	73,330	16,428	----------	----------	222,068	210,193	2,535	4,350	4,990	400,695	178,627	40
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	41
1,307,518	82,526	154,361	1,044,297	26,334	----------	----------	904,220	789,125	15,458	33,773	65,864	2,742,154	1,837,934	42
(5)	(5)	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	43
469,686	32,437	86,481	212,369	129,930	5,369	3,100	1,487,313	1,410,030	26,563	48,938	1,782	2,952,734	1,465,421	44
64,913	2,400	12,237	31,708	18,568	----------	----------	48,055	10,079	3,127	34,849	----------	233,338	185,283	45
614,395	46,900	78,804	457,384	30,903	404	----------	1,613,307	1,571,450	28,994	12,863	----------	2,456,757	843,450	46
788,877	60,830	101,027	583,016	32,855	----------	11,149	1,555,732	1,486,698	44,216	24,818	----------	2,732,278	1,176,546	47
54,045	3,681	10,607	37,157	2,600	----------	----------	55,649	49,717	440	1,664	3,828	141,109	85,460	48
12,931	----------	1,820	11,111	----------	----------	----------	3,468	1,245	263	865	1,095	31,720	28,252	49
925,071	78,119	99,935	686,502	41,549	12,231	6,735	748,438	674,464	47,405	15,554	11,015	2,280,917	1,532,479	50
48,953	2,600	2,100	44,253	----------	----------	----------	35,113	31,885	1,209	2,019	----------	117,427	82,314	51
1,448,864	139,649	86,667	661,331	500,421	10,000	50,796	2,075,680	1,911,960	111,488	52,232	----------	8,047,040	5,971,360	52
153,686	21,370	29,229	87,563	12,957	----------	2,567	392,545	386,603	1,915	4,027	----------	649,316	256,771	53
4,019,694	54,568	151,884	3,806,860	1,241	----------	5,141	6,959,719	6,381,750	55,777	26,785	495,407	13,750,100	6,790,381	54
2,470,843	183,174	753,054	1,105,139	417,386	12,090	----------	868,718	712,000	21,555	33,993	101,170	4,655,953	3,787,235	55
226,756	6,000	24,893	79,593	116,270	----------	----------	505,199	489,259	8,098	7,842	----------	1,039,222	534,023	56
(5)	(5)	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	57
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	58
2,081,875	88,575	239,156	1,500,649	253,495	----------	----------	5,273,842	4,474,990	408,664	379,864	10,324	9,514,124	4,240,282	59
816,495	108,806	84,481	485,386	136,552	1,270	----------	1,550,773	1,537,228	7,831	5,714	----------	2,794,063	1,243,290	60
174,286	73,500	24,185	----------	76,601	----------	----------	150,413	7,095	----------	----------	143,318	337,892	187,479	61
53,883	24,256	129	28,069	1,429	----------	----------	14,022	10,104	30	1,239	2,649	90,716	76,694	62
51,996	7,815	5,510	31,845	6,826	----------	----------	82,685	78,236	1,493	2,956	----------	139,096	56,411	63

TABLE 9.—GENERAL STATISTICS FOR INDUSTRIAL

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
		ALBANY-SCHENECTADY-TROY INDUSTRIAL AREA—Continued									
1	1	Prepared feeds (including mineral) for animals and fowls	5	2	183	5	31	106	24	2	15
2	3	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	4	.	479	12	37	411	19		.
3	20	Professional and scientific instruments (except surgical and dental)	3	1	157	3	11	134	9	.	...
4	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	11	6	166		15	119	29	3	
5	15	Sheet-metal work not specifically classified	3	1	24	2	6	14	2	...	...
6	20	Signs, advertising displays, and advertising novelties	5	4	34	4	5	24	1	.....	.....
7	20	Sporting and athletic goods not elsewhere classified	3	2	443	3	23	410	1	6	.....
8	14	Steel works and rolling mills	3	.....	658	1	34	524	86	.....	13
9	17	Textile machinery	3	.....	30	6	2	21	1	...	.....
10	6	Upholstered household furniture	3	.....	140	8	7	120	5	.....	.....
11	4	Women's and misses' blouses and waists—made in contract factories	3	4	173	...	3	170	.....	.....	.....
12	4	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	4	3	694	4	19	639	32	.....	.....
13	3	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	6	1	1,468	9	215	1,127	87	19	11
14		Other industries [5]	173	59	26,276	220	4,707	20,071	828	260	190
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]									
15	1	Food and kindred products	21	11	974	16	111	559	271	2	15
16	3	Textile-mill products and other fiber manufactures	13	1	1,112	17	48	1,044	3	..	.....
17	4	Apparel and other finished products made from fabrics and similar materials	22	11	1,592	20	43	1,508	20	1	.....
18	6	Furniture and finished lumber products	8	2	361	18	23	295	15	10	.....
19	7	Paper and allied products	6	3	488	14	47	372	47	8	.....
20	9	Chemicals and allied products	28	7	1,713	33	242	1,226	32	175	5
21	14	Iron and steel and their products, except machinery	19	2	1,711	32	137	1,406	122	1	13
22	17	Machinery (except electrical)	11	5	709	17	81	550	50	.....	11
23	20	Miscellaneous industries	9	2	642	19	94	504	20	5	.....
24	8	Printing, publishing, and allied industries	6	.....	1,024	16	89	889	30	.....	.....
25	13	Stone, clay, and glass products	7	3	602	3	74	479	20	26	.....
26	15	Nonferrous metals and their products	7	2	149	4	22	121	2	.....	.....
27	16	Electrical machinery	4	.....	12,335	.....	3,262	8,926	2	7	138
28	2	Tobacco manufactures	1								
29	5	Lumber and timber basic products	2								
30	10	Products of petroleum and coal	1	10	2,864	11	434	2,192	194	25	8
31	12	Leather and leather products	2								
32	18	Automobiles and automobile equipment	5								
33	19	Transportation equipment except automobiles	1								

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries, and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.
[2] Figures do not include data for personnel of central-administrative offices.
[3] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.
[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

AREAS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
ALBANY-SCHENECTADY-TROY INDUSTRIAL AREA—Continued														
Dollars (5)	*Dollars* (5)	*Dollars* (5)	*Dollars* (5)	*Dollars* (5)	*Dollars* (5)	*Dollars* (5)	*Dollars* (5)	*Dollars* (5)	*Dollars* (5)	*Dollars* (5)	----------	*Dollars* (5)	*Dollars* (5)	1
684,058	164,780	87,018	375,745	56,515	----------	----------	1,984,348	1,928,858	18,082	27,169	10,239	3,230,596	1,246,248	2
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	----------	(5)	(5)	(5)	3
215,037	----------	26,251	140,441	44,605	3,740	----------	1,918,718	1,888,185	14,830	15,703	----------	2,251,778	333,060	4
35,326	2,000	8,840	21,268	3,218	----------	----------	20,519	18,891	809	819	----------	63,293	42,774	5
39,932	6,239	4,959	28,084	650	----------	----------	35,836	33,202	1,549	1,085	----------	112,049	76,213	6
384,360	25,200	42,343	311,415	1,200	4,202	----------	574,691	564,049	4,796	5,846	----------	1,185,956	611,265	7
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	8
35,345	10,359	2,475	20,717	1,794	----------	----------	42,693	41,860	445	388	----------	84,128	41,435	9
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	10
114,739	----------	3,633	111,106	----------	----------	----------	5,739	4,063	210	1,466	----------	138,388	132,649	11
548,461	28,452	39,817	439,798	40,394	----------	----------	1,659,345	1,590,091	133	5,767	63,354	2,798,653	1,139,308	12
2,629,649	179,452	484,134	1,530,243	377,773	42,140	15,907	3,974,579	3,749,792	52,738	73,998	98,051	9,169,807	5,195,228	13
43,888,434	1,221,527	11,325,574	28,804,319	1,710,253	491,670	335,091	77,186,726	73,473,273	1,871,494	1,372,518	469,441	156,730,365	79,543,639	14
1,671,088	131,557	239,393	798,991	479,772	1,505	19,870	13,108,056	12,985,429	54,479	68,148	----------	17,007,677	3,899,621	15
1,109,269	91,448	73,016	939,411	5,394	----------	----------	2,638,680	2,512,034	42,286	59,497	24,863	4,679,556	2,040,876	16
1,456,370	122,720	74,947	1,213,737	44,201	765	----------	3,431,248	3,041,718	14,133	14,889	360,508	7,045,801	3,614,553	17
448,401	100,145	36,984	262,325	36,119	12,828	----------	747,741	736,965	3,344	7,432	----------	1,367,928	620,187	18
591,584	54,106	63,668	357,044	94,082	22,684	----------	1,033,978	1,015,560	8,672	9,746	----------	1,981,550	947,572	19
2,779,031	171,073	650,570	1,506,122	111,538	315,954	23,774	8,267,361	7,980,312	168,835	89,818	28,396	17,628,447	9,361,086	20
2,389,169	157,906	267,497	1,693,122	248,330	880	21,434	4,456,238	3,952,158	218,876	270,111	15,093	9,348,219	4,891,981	21
1,039,903	95,541	122,218	718,228	91,565	----------	12,351	1,995,523	1,951,172	19,092	24,661	598	4,179,260	2,183,737	22
870,779	115,577	187,829	489,660	72,344	5,369	----------	512,756	470,677	22,340	19,739	----------	1,732,261	1,219,505	23
														24
														25
														26
														27
														28
31,532,840	181,454	9,609,452	20,825,679	526,908	131,685	257,662	40,995,145	38,827,248	1,319,437	808,477	39,983	91,759,666	50,764,521	29
														30
														21
														32
														33

[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[6] For numbers of establishments and of wage earners in individual industries, see table 12.

[a] and [b] To avoid disclosing exact or approximate data for individual establishments, the data for certain establishments located outside the New York City-Newark-Jersey City industrial area have been included in the figures for the industries to which these footnotes are indexed. Data for these establishments are not, however, included in the totals for this area.
[a] 1 establishment. [b] 2 establishments.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939

[This table presents, for each city in the State having 100,000 or more inhabitants, separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures are given, however, reported larger numbers of wage earners or larger values of products than some of those shown separately. No data for nonmanufacturing personnel, except salaried officers of corporations, are included in this table]

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
	ALBANY											
	All industries, total	181	107	169	755	4,858	$898,219	$1,474,997	$5,457,405	$21,558,446	$43,425,102	$21,866,656
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	41	38	2	57	678	20,885	110,772	849,467	1,728,697	3,944,206	2,215,509
13	Concrete products	4	2	5	4	41	(4)	(4)	(4)	(4)	(4)	(4)
8	General commercial (job) printing	20	20	6	18	109	20,392	27,014	146,836	128,897	478,908	350,011
1	Ice cream and ices	3	----	2	13	34	(4)	(4)	(4)	(4)	(4)	(4)
17	Machine-shop repairs	3	----	1	...	12	2,600	...	17,043	6,745	30,673	23,928
1	Malt liquors	3	----	6	31	294	61,449	56,303	393,532	1,310,792	4,773,237	3,462,445
6	Mattresses and bedsprings	4	1	6	9	79	21,370	23,529	71,555	325,844	534,188	208,344
1	Nonalcoholic beverages	6	10	-------	8	29	----	13,544	35,226	317,593	570,407	252,814
7	Paperboard containers and boxes not elsewhere classified	3	1	5	6	64	(4)	(4)	(4)	(4)	(4)	(4)
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	3	1	----	6	48	----	(4)	(4)	(4)	(4)	(4)
15	Sheet-metal work not specifically classified	3	1	2	6	14	2,000	8,840	21,268	20,519	63,293	42,774
	Other industries [5]	101	37	146	626	3,640	769,523	1,234,995	3,922,478	17,719,359	33,030,190	15,310,831
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	12	4	7	58	258	50,640	117,969	341,915	8,154,141	9,757,050	1,602,909
4	Apparel and other finished products made from fabrics and similar materials	10	4	7	21	601	30,920	25,951	329,648	748,316	1,472,571	724,255
6	Furniture and finished lumber products	5	2	11	11	131	51,280	15,613	123,781	430,293	719,970	289,677
7	Paper and allied products	8	4	19	75	768	66,582	122,910	798,337	2,812,491	4,853,104	2,040,613
8	Printing, publishing, and allied industries	25	6	37	240	428	213,212	491,886	809,877	857,710	3,644,160	2,786,450
9	Chemicals and allied products	9	----	14	44	250	48,034	122,026	305,262	1,923,090	5,953,694	4,030,604
13	Stone, clay, and glass products	7	4	8	5	69	28,417	6,815	85,124	350,154	601,964	251,810
14	Iron and steel and their products, except machinery	5	3	9	26	188	53,224	61,271	182,710	484,420	971,130	486,710
20	Miscellaneous industries	7	2	20	97	565	157,234	189,017	491,450	1,041,207	2,350,478	1,309,271
17	Machinery (except electrical)	6	4	5	42	264						
2	Tobacco manufactures	2										
3	Textile-mill products and other fiber manufactures	2	4	9	7	118	69,980	81,537	454,374	917,537	2,706,069	1,788,532
15	Nonferrous metals and their products	2										
18	Automobiles and automobile equipment	1										
	BUFFALO											
	All industries, total	1,034	570	1,060	7,207	45,869	$6,353,946	$14,972,042	$59,930,977	$289,533,690	$487,517,291	$197,983,601
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	3	-------	3	153	981	(4)	(4)	(4)	(4)	(4)	(4)
1	Biscuit, crackers, and pretzels	4	1	4	34	569	(4)	(4)	(4)	(4)	(4)	(4)
14	Blast-furnace products	3	----	------	47	644	----	(4)	(4)	(4)	(4)	(4)
8	Books: printing without publishing	6	3	4	16	92	18,190	26,843	81,826	118,618	330,879	212,261
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	141	145	13	145	2,196	49,046	295,744	3,132,176	5,534,069	12,725,156	7,191,087
1	Candy and other confectionery products	11	7	11	17	230	58,896	26,779	178,351	855,403	1,305,352	449,949
4	Canvas products (except bags)	5	----	9	7	41	20,764	13,537	40,079	93,817	195,804	101,987
9	Chemicals not elsewhere classified	5	----	4	449	1,219	(4)	(4)	(4)	(4)	(4)	(4)
2	Cigars	6	7	...	-------	17	------	----	11,757	18,418	41,523	23,105
9	Cleaning and polishing preparations, blackings, and dressings	7	2	8	36	49	41,118	42,098	55,890	204,238	700,440	496,202
9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	6	----	----	13	113	-------	(4)	(4)	(4)	(4)	(4)
13	Concrete products	13	1	12	7	80	35,505	11,676	111,851	627,004	983,764	356,760
9	Drugs and medicines (including drug grinding)	20	5	35	85	386	281,698	159,039	378,676	1,400,208	3,855,810	2,455,602
8	Electrotyping and stereotyping, not done in printing establishments	4	----	2	10	50	34,715	14,355	96,462	58,320	295,231	236,911
17	Elevators, escalators, and conveyors	3	----	3	47	217	(4)	(4)	(4)	(4)	(4)	(4)
8	Engraving (steel, copperplate, and wood); plate printing	8	7	8	6	39	18,874	13,189	59,731	49,972	201,273	151,301
1	Flavoring extracts and flavoring sirups, not elsewhere classified	3	8	1	2	5	(4)	(4)	(4)	(4)	(4)	(4)
1	Flour and other grain-mill products	9	-------	11	222	1,554	(4)	(4)	(4)	(4)	(4)	(4)
17	Food-products machinery	5	------	8	22	173	88,078	58,317	214,922	404,765	1,039,384	634,619
8	General commercial (job) printing	75	59	41	158	830	149,229	277,659	1,011,628	1,950,831	4,573,759	2,622,928
14	Gray-iron and semisteel castings	10	2	17	61	959	122,504	103,910	1,162,572	962,743	3,221,307	2,258,564

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
		BUFFALO—Continued										
20	Hand stamps, stencils, and brands	4	3	3	8	12	$5,776	$9,908	$12,622	$32,904	$74,069	$41,165
6	Household furniture, except upholstered [b]	10	-------	19	27	374	93,070	44,356	442,853	826,006	1,734,610	908,604
1	Ice cream and ices	5	4	3	12	85	50,000	39,410	93,618	773,760	1,892,009	1,118,249
1	Ice, manufactured	11	-------	13	10	60	54,036	19,794	68,011	71,971	485,260	413,289
17	Industrial machinery, not elsewhere classified	9	3	17	133	321	99,279	261,636	448,460	1,109,842	2,370,584	1,260,742
9	Insecticides, fungicides, and related industrial and household chemical compounds [b]	13	6	9	11	36	32,527	19,412	42,159	410,534	883,048	472,514
17	Internal-combustion engines	3	-------	5	345	826	(4)	(4)	(4)	(4)	(4)	(4)
15	Jewelry (precious metals)	15	15	7	9	173	(4)	(4)	(4)	(4)	(4)	(4)
3	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	3	-------	1	3	109	2,640	7,916	83,192	208,203	339,463	131,260
12	Leather gloves and mittens	4	7	3	2	24	13,200	1,360	22,806	74,846	81,044	6,198
8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	8	3	10	45	228	62,259	92,658	321,490	851,921	1,637,471	785,550
8	Machine and hand typesetting (including advertisement typesetting)	5	4	1	7	29	3,305	11,426	46,260	7,636	111,499	103,863
17	Machine-shop products, not elsewhere classified	24	10	28	119	421	(4)	(4)	(4)	(4)	(4)	(4)
17	Machine-shop repairs [a]	15	8	14	12	102	61,006	17,746	161,513	162,851	553,874	391,023
17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	7	2	10	16	144	70,710	36,507	236,218	101,881	576,838	474,957
1	Malt	4	-------	11	14	110	153,488	33,134	189,576	3,819,203	5,431,128	1,611,925
1	Malt liquors	8	-------	26	111	540	(4)	(4)	(4)	(4)	(4)	(4)
6	Mattresses and bedsprings	8	7	4	7	65	27,580	9,611	63,450	297,394	442,412	145,018
1	Meat packing, wholesale [b]	27	19	36	135	828	143,133	136,410	784,614	13,423,913	16,470,216	3,046,303
4	Men's and boys' hats and caps (except felt and straw)	4	3	2	1	26	2,600	1,300	16,814	42,205	88,319	46,114
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	6	11	-------	1	35	-------	380	28,671	8,038	61,229	53,191
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	11	5	17	73	1,158	85,808	139,295	1,040,485	2,107,359	3,906,031	1,798,672
13	Mirrors and other glass products made of purchased glass [b]	9	7	10	49	424	32,419	103,767	303,644	879,532	1,907,883	1,028,351
20	Models and patterns (except paper patterns) [a]	10	12	5	2	61	13,326	1,287	116,889	28,835	249,976	221,141
13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	3	-------	4	10	26	16,729	22,376	33,550	31,803	142,906	111,103
18	Motor vehicles, motor-vehicle bodies, parts and accessories	18	8	26	582	4,835	(4)	(4)	(4)	(4)	(4)	(4)
8	Newspapers: publishing and printing	10	6	17	639	1,083	139,043	1,345,249	1,806,498	3,725,620	9,879,188	6,153,568
1	Nonalcoholic beverages	25	22	13	15	88	43,089	20,991	85,986	473,750	1,148,167	674,417
9	Paints, varnishes, and lacquers	6	-------	20	65	220	236,761	147,356	319,757	2,015,170	5,003,536	2,988,366
7	Paperboard containers and boxes not elsewhere classified	12	2	17	80	885	121,501	149,456	872,815	1,741,679	4,106,099	2,364,420
6	Partitions, shelving, cabinet work, and office and store fixtures	3	-------	8	9	22	(4)	(4)	(4)	(4)	(4)	(4)
9	Perfumes, cosmetics, and other toilet preparations	5	-------	7	17	87	(4)	(4)	(4)	(4)	(4)	(4)
8	Periodicals: publishing and printing	4	1	4	15	45	8,497	17,082	51,076	19,628	148,155	128,527
8	Photoengraving, not done in printing establishments (including preparation of plates)	8	7	14	19	93	69,265	34,493	203,661	73,247	539,740	466,493
5	Planing mills not operated in conjunction with sawmills	17	6	10	22	156	37,472	32,793	214,150	718,666	1,465,229	746,563
1	Poultry dressing and packing, wholesale	3	6	-------	-------	17	-------	-------	9,567	192,835	225,230	32,395
14	Power boilers and associated products	5	-------	14	24	161	52,891	37,029	208,728	478,944	1,020,135	541,191
1	Prepared feeds (including mineral) for animals and fowls	14	5	15	152	827	(4)	(4)	(4)	(4)	(4)	(4)
9	Printing ink	3	-------	3	3	8	(4)	(4)	(4)	(4)	(4)	(4)
17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	4	-------	8	22	159	29,518	39,819	160,676	625,485	1,200,471	574,986
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	19	17	9	19	182	34,865	28,566	223,214	3,368,273	4,153,963	785,690
15	Sheet-metal work not specifically classified	13	7	18	11	104	45,131	17,878	159,552	307,998	658,058	350,060

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Group No	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [1]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [1]
	BUFFALO—Continued											
9	Soybean oil, cake, and meal	3	-------	-------	28	283	-------	(4)	(4)	(4)	(4)	(4)
14	Steel castings	3	-------	7	51	303	$34,750	$109,285	$358,650	$488,297	$1,223,898	$735,601
4	Textile bags—not made in textile mills	4	-------	4	24	380	43,440	67,209	384,598	4,452,900	5,549,450	1,096,550
14	Tools (except edge tools, machine tools, files, and saws)	4	2	9	16	180	37,036	31,227	231,013	253,271	746,226	492,955
4	Trousers (semidress), wash suits, and washable service apparel	3	6	1	5	88	(4)	(4)	(4)	(4)	(4)	(4)
6	Upholstered household furniture	4	-------	5	20	177	(4)	(4)	(4)	(4)	(4)	(4)
6	Window shades	3	1	1	1	6	2,563	858	4,879	38,350	52,633	14,283
4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	4	3	4	14	177	7,030	19,812	143,845	421,255	684,199	262,944
	Other industries [1]	413	155	540	5,028	32,283	3,490,958	10,824,034	43,455,317	232,835,520	381,181,807	148,346,287
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [1]											
1	Food and kindred products	61	21	81	590	4,008	580,111	1,259,145	5,884,731	92,015,067	125,520,173	33,505,106
3	Textile-mill products and other fiber manufactures	9	3	7	66	1,607	51,035	128,126	1,572,386	1,753,899	4,542,396	2,788,497
4	Apparel and other finished products made from fabrics and similar materials	19	11	29	103	955	159,438	173,451	613,275	1,857,642	3,712,872	1,855,230
6	Furniture and finished lumber products	19	4	30	99	617	112,996	156,815	633,101	1,367,479	2,762,567	1,395,088
7	Paper and allied products	7	-------	13	23	384	91,663	50,255	443,048	935,725	2,048,380	1,112,655
8	Printing, publishing, and allied industries	15	11	11	25	82	47,562	39,492	120,006	211,200	592,164	380,964
9	Chemicals and allied products	33	3	25	551	1,880	140,113	1,573,410	2,969,693	14,655,031	32,959,347	18,304,316
13	Stone, clay, and glass products	11	7	13	22	414	97,945	57,937	498,947	1,626,812	3,133,373	1,506,561
14	Iron and steel and their products, except machinery	57	14	88	864	6,575	498,317	1,954,090	8,986,837	28,788,759	54,164,795	25,376,036
15	Nonferrous metals and their products	41	28	42	274	1,651	274,206	429,240	2,365,035	8,238,535	15,926,228	7,687,693
16	Electrical machinery	7	-------	11	323	1,770	91,946	576,433	2,110,588	6,677,332	12,250,002	5,572,670
17	Machinery (except electrical)	48	13	75	727	2,552	541,360	1,348,529	3,437,624	8,415,663	16,516,444	8,100,781
19	Transportation equipment except automobiles	6	-------	10	382	1,958	149,737	963,586	2,845,173	2,827,838	7,865,899	5,038,061
20	Miscellaneous industries	49	25	60	194	1,506	358,663	357,781	1,583,156	3,068,411	6,954,408	3,885,997
10	Products of petroleum and coal	3	-------	-------	94	595						
11	Rubber products	3	-------	11	86	695						
12	Leather and leather products	7	7	8	23	199	295,866	1,755,744	9,391,717	60,396,127	92,232,759	31,836,632
18	Automobiles and automobile equipment	18	8	26	582	4,835						
	NEW YORK CITY											
	All industries, total	26,651	19,430	24,471	60,182	512,666	$118,102,210	$118,648,859	$632,755,662	$2,237,744,469	$4,108,750,275	$1,871,005,806
19	Aircraft and parts, including aircraft engines	4	3	12	78	1,301	98,441	144,930	1,817,666	1,203,827	3,331,171	2,127,344
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	18	3	27	46	216	200,919	102,326	306,570	5,262,682	6,830,537	1,567,855
15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	12	9	13	13	164	(4)	(4)	(4)	(4)	(4)	(4)
16	Automotive electrical equipment	8	1	9	120	736	(4)	(4)	(4)	(4)	(4)	(4)
6	Baskets for fruits and vegetables	5	5	-------	-------	30	-------	-------	27,689	33,997	83,036	49,039
16	Batteries, storage and primary (dry and wet)	5	-------	5	32	328	(4)	(4)	(4)	(4)	(4)	(4)
4	Belts (apparel), regardless of material [a]	176	162	145	162	2,846	516,801	224,193	2,931,280	6,880,921	13,388,374	6,507,453
1	Biscuit, crackers, and pretzels	18	5	26	168	3,824	(4)	(4)	(4)	(4)	(4)	(4)
8	Bookbinding and related industries	370	295	335	592	6,903	1,426,116	962,699	7,445,029	5,721,968	22,320,607	16,598,639
8	Books: printing without publishing	156	71	217	508	3,115	1,243,198	1,044,920	5,231,274	7,754,459	20,008,024	12,253,565
8	Books: publishing and printing	16	7	13	52	329	(4)	(4)	(4)	(4)	(4)	(4)
12	Boot and shoe cut stock and findings	44	30	45	95	945	(4)	(4)	(4)	(4)	(4)	(4)
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	1,868	1,834	543,	1,015	20,500	1,909,148	2,096,765	32,079,669	64,406,424	139,833,679	75,427,255
20	Brushes	49	33	46	94	890	223,404	179,924	905,120	3,591,468	5,977,356	2,385,888
20	Buttons	146	157	99	124	2,731	(4)	(4)	(4)	(4)	(4)	(4)
1	Candy and other confectionery products	115	58	128	331	5,284	(4)	(4)	(4)	(4)	(4)	(4)
1	Canned and dried fruits and vegetables (including canned soups) [b]	17	8	11	65	1,130	61,705	136,943	812,024	5,490,640	8,131,590	2,640,950
1	Canned fish, crustacea, and mollusks	4	-------	7	4	20	38,553	3,470	19,946	267,980	449,151	181,171
4	Canvas products (except bags)	34	15	44	46	310	184,629	78,853	380,967	1,213,668	2,240,578	1,026,910
3	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags [a]	6	6	5	6	45	7,300	2,639	30,683	102,062	194,169	92,107

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
		NEW YORK CITY—Continued										
6	Caskets, coffins, burial cases, and other morticians' goods	30	18	15	68	693	$58,667	$121,177	$972,725	$1,792,218	$3,578,145	$1,785,927
1	Cheese [d]	9	3	5	6	36	11,900	9,795	37,162	619,806	749,273	129,467
9	Chemicals not elsewhere classified	39	4	55	149	863	(4)	(4)	(4)	(4)	(4)	(4)
4	Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors [b]	68	43	66	97	1,450	259,173	143,269	1,335,842	5,372,591	8,689,683	3,317,042
4	Children's coats—made in contract factories [b]	32	36	6	7	659	13,793	10,551	776,004	60,522	1,041,801	981,279
4	Children's coats—made in inside factories or by jobbers engaging contractors	85	54	104	195	1,366	488,606	277,111	2,282,360	15,069,921	21,215,904	6,145,983
4	Children's dresses—made in contract factories	36	40	4	9	792	6,960	10,158	503,459	29,900	723,814	693,914
4	Children's dresses—make in inside factories or by jobbers engaging contractors	99	65	134	217	2,794	759,339	383,759	2,697,314	14,698,611	22,549,948	7,851,337
13	China firing and decorating (for the trade)	8	7	8	-------	83	22,430	-------	60,117	188,139	372,252	184,113
1	Chocolate and cocoa products	10	-------	8	86	828	(4)	(4)	(4)	(4)	(4)	(4)
6	Cigar boxes: wooden, part wooden	3	-------	8	14	154	18,086	22,655	135,050	114,778	335,731	220,953
2	Cigarettes	10	2	9	14	147	64,445	23,586	134,631	1,693,110	2,746,738	1,053,628
2	Cigars	101	94	35	58	1,511	157,051	102,064	1,114,863	1,905,674	4,015,106	2,109,432
9	Cleaning and polishing preparations, blackings, and dressings [a]	84	44	82	127	715	418,612	222,424	756,292	5,197,964	12,664,993	7,467,029
4	Clothing, leather and sheep-lined	14	9	13	7	216	49,730	6,444	230,145	689,925	1,030,189	340,264
3	Cloth sponging and miscellaneous special finishing	38	10	61	51	535	(4)	(4)	(4)	(4)	(4)	(4)
7	Coated and glazed paper	19	5	27	70	479	214,883	133,279	559,678	3,123,929	5,223,119	2,099,190
4	Coats, suits, and skirts (except fur coats)—made in contract factories	619	729	222	155	13,760	497,675	212,347	16,326,511	1,846,587	23,199,797	21,353,210
4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	665	397	816	1,035	11,121	4,186,853	1,617,352	19,097,215	149,319,047	203,521,925	54,202,878
17	Commercial laundry, dry-cleaning, and pressing machinery	10	2	14	23	138	52,376	34,167	171,802	551,696	1,107,718	556,022
16	Communication equipment	46	15	63	249	1,785	(4)	(4)	(4)	(4)	(4)	(4)
9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	3	-------	-------	5	72	-------	12,469	114,686	149,824	825,218	675,394
13	Concrete products	45	20	49	49	576	213,262	92,470	953,664	5,095,126	7,626,601	2,531,475
1	Condensed and evaporated milk	4	-------	5	11	19	(4)	(4)	(4)	(4)	(4)	(4)
17	Construction and similar machinery (except mining and oil-field machinery and tools)	5	4	2	17	42	4,200	30,666	59,033	301,166	496,626	195,460
7	Converted paper products not elsewhere classified	101	57	111	425	3,209	789,560	710,303	3,091,908	9,394,182	22,058,239	12,664,057
1	Cooking and other edible fats and oils, not elsewhere classified	5	-------	3	82	376	15,600	144,788	601,895	13,216,186	16,418,527	3,202,341
6	Cooperage	8	3	6	18	227	19,122	34,711	286,079	853,429	1,296,761	443,332
3	Cordage and twine	6	-------	7	60	829	35,709	154,667	897,802	2,070,223	4,571,539	2,501,316
6	Cork products	15	8	25	35	328	136,219	52,394	285,006	901,274	1,765,396	864,122
4	Corsets and allied garments	135	69	175	418	5,518	1,059,773	673,765	4,897,877	16,147,717	29,045,454	12,897,737
20	Costume jewelry and costume novelties (jewelry other than fine jewelry)	147	139	106	182	2,126	(4)	(4)	(4)	(4)	(4)	(4)
3	Cotton broad woven goods	7	3	13	37	458	69,703	43,676	375,983	970,494	1,894,180	923,686
3	Cotton narrow fabrics	6	3	5	11	128	19,800	16,296	109,782	162,805	434,741	271,936
3	Cotton thread	25	19	20	43	359	114,388	60,883	301,175	3,525,648	5,022,705	1,497,057
4	Curtains, draperies, and bedspreads—contract factories [b]	45	49	13	18	532	25,505	18,965	393,329	122,752	894,855	772,103
4	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	114	84	93	169	2,178	479,754	229,181	1,728,895	13,353,730	18,835,359	5,481,629
14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	26	15	40	169	1,463	(4)	(4)	(4)	(4)	(4)	(4)
20	Dental equipment and supplies	26	17	24	110	698	(4)	(4)	(4)	(4)	(4)	(4)
7	Die-cut paper and paperboard, and converted cardboard	30	13	38	98	667	187,259	219,861	801,754	2,859,776	5,352,372	2,492,596
20	Dolls (except rubber) [a]	71	49	74	124	1,822	246,273	183,426	1,836,687	5,076,118	9,034,870	3,958,752
14	Doors, window sash, frames, molding, and trim (made of metal)	76	33	118	211	1,556	544,354	382,261	2,245,758	3,908,367	9,298,628	5,390,261
9	Drugs and medicines (including drug grinding)	147	37	190	618	2,279	991,351	1,209,286	2,609,929	13,397,234	38,538,786	25,141,552
3	Dyeing and finishing cotton, rayon, silk, and linen textiles	94	48	141	151	2,259	603,096	291,193	2,679,684	2,810,035	8,946,940	6,136,905
3	Dyeing and finishing woolen and worsted	9	7	13	18	310	91,076	44,261	326,602	444,798	1,337,410	892,612

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
		NEW YORK CITY—Continued										
16	Electrical appliances	13	6	13	23	158	(4)	(4)	(4)	(4)	(4)	(4)
15	Electroplating, plating, and polishing [5]	115	114	77	74	1,209	$248,311	$108,399	$1,360,332	$872,635	$3,820,315	$2,947,680
8	Electrotyping and stereotyping, not done in printing establishments	41	8	68	211	1,111	(4)	(4)	(4)	(4)	(4)	(4)
17	Elevators, escalators, and conveyors	13	3	29	13	214	135,563	18,518	350,357	681,289	1,966,590	1,285,301
4	Embroideries, other than Schiffli-machine products—contract factories	246	263	93	82	3,051	255,633	110,031	2,506,502	1,285,583	6,263,037	4,977,454
4	Embroideries: Schiffli-machine products	37	31	26	15	268	77,757	28,811	245,735	665,194	1,421,729	756,535
14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware [6]	30	19	29	41	499	128,117	66,425	608,650	2,171,937	3,685,311	1,513,374
15	Engraving on metal (except for printing purposes) [5]	29	34	12	83	872	99,626	153,658	1,094,693	1,232,687	3,620,890	2,388,203
8	Engraving (steel, copperplate, and wood); plate printing	94	75	67	209	1,352	224,056	497,485	2,162,477	1,242,511	5,713,885	4,471,374
7	Envelopes [6]	34	11	47	122	1,259	297,559	193,413	1,456,288	3,539,442	7,219,296	3,679,854
20	Fabricated plastic products, not elsewhere classified	38	15	46	45	748	249,645	79,862	693,666	2,002,138	3,747,686	1,745,548
14	Fabricated structural steel and ornamental metal work, made inplants not operated in connection with rolling mills	164	88	211	253	2,056	826,984	455,526	3,102,876	7,210,142	14,689,390	7,479,248
20	Feathers, plumes, and artificial flowers	238	214	164	209	4,681	600,167	248,088	3,348,392	5,306,286	12,930,625	7,624,339
7	Fiber cans, tubes, and similar products	15	6	18	29	394	104,009	64,733	318,311	675,115	1,504,060	828,945
3	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	55	33	61	97	1,580	305,750	155,522	1,738,700	7,447,044	11,205,989	3,758,945
1	Flavoring extracts and flavoring sirups, not elsewhere classified	94	38	110	149	556	(4)	(4)	(4)	(4)	(4)	(4)
1	Food preparations, not elsewhere classified	73	34	92	194	1,424	610,521	315,108	1,365,480	15,541,763	24,528,664	8,986,901
17	Food-products machinery	25	14	37	384	1,025	345,006	854,848	1,680,320	1,832,088	6,994,053	5,161,965
12	Footwear (except rubber)	146	50	269	584	9,868	1,185,803	935,399	10,074,031	15,974,359	32,950,020	16,975,661
14	Forgings, iron and steel—made in plants not operated in connection with rolling mills	4	3	6	7	58	(4)	(4)	(4)	(4)	(4)	(4)
4	Fur coats and other fur garments, accessories, and trimmings	1,832	2,058	1,453	936	10,872	4,857,607	1,581,155	20,386,921	98,306,696	150,682,842	52,376,146
20	Furs, dressed and dyed	96	65	165	125	2,236	(4)	(4)	(4)	(4)	(4)	(4)
20	Games and toys (except dolls and children's vehicles)	100	77	84	154	2,046	(4)	(4)	(4)	(4)	(4)	(4)
8	General commercial (job) printing	1,415	1,053	1,223	1,928	13,268	5,471,360	3,372,671	20,093,375	29,333,574	80,131,125	50,797,551
16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	43	18	57	469	1,898	(4)	(4)	(4)	(4)	(4)	(4)
9	Glue and gelatin	8	1	8	21	141	(4)	(4)	(4)	(4)	(4)	(4)
15	Gold and silver leaf and foil [6]	8	9	4	3	114	41,740	15,860	105,023	324,109	573,017	248,908
8	Gravure, rotogravure, and rotary photogravure (including preparation of plates)	7		16	80	560	112,190	243,874	1,324,527	1,560,983	4,250,136	2,689,153
14	Gray-iron and semisteel castings	10	9	10	22	589	44,829	57,289	863,672	702,554	1,966,059	1,263,505
9	Grease and tallow (except lubricating greases)	7	8	6	89	490	68,860	156,147	695,078	3,570,433	5,478,939	1,908,506
8	Greeting cards (except hand-painted)	33	22	37	240	1,674	(4)	(4)	(4)	(4)	(4)	(4)
20	Hair work [6]	28	27	16	11	224	36,283	12,858	183,144	295,100	736,931	441,831
4	Handkerchiefs—made in contract factories	6	6	2		93	(4)		(4)	(4)	(4)	(4)
20	Hand stamps, stencils, and brands	42	24	50	56	328	156,576	74,484	405,676	589,030	1,668,860	1,079,830
14	Hardware not elsewhere classified	56	24	69	161	1,556	(4)	(4)	(4)	(4)	(4)	(4)
4	Hat and cap materials; trimmings, etc. [6]	50	33	41	52	738	160,638	71,677	688,407	2,826,902	4,376,979	1,550,077
3	Hats, straw	6		10	11	267	38,086	19,311	282,650	488,529	1,095,289	606,760
14	Heating and cooking apparatus, except electric, not elsewhere classified	23	12	18	21	122	(4)	(4)	(4)	(4)	(4)	(4)
3	Hosiery—full-fashioned	11	2	14	149	2,515	91,840	269,912	2,522,504	1,791,226	6,433,907	4,642,681
3	Hosiery—seamless	7	5	10	6	156	(4)	(4)	(4)	(4)	(4)	(4)
4	House dresses, uniforms, and aprons—made in contract factories	100	111	14	20	2,724	22,729	26,354	1,746,751	141,771	2,501,700	2,359,929
4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	142	132	118	224	2,886	540,793	300,297	2,606,312	20,638,562	27,795,175	7,156,613
4	Housefurnishings (except curtains, draperies, and bedspreads)	174	146	117	214	2,786	491,599	294,525	2,442,054	14,493,066	21,822,710	7,329,644
6	Household furniture, except upholstered	225	152	252	233	2,881	807,315	370,439	3,463,537	6,459,455	14,593,768	8,134,313
1	Ice cream and ices	70	29	62	160	1,261	285,634	288,433	1,552,485	13,735,603	26,251,897	12,516,294

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
		NEW YORK CITY—Continued										
1	Ice, manufactured	60	1	39	91	750	(4)	(4)	(4)	(4)	(4)	(4)
12	Industrial leather belting and packing leather	25	10	26	23	90	(4)	(4)	(4)	(4)	(4)	(4)
17	Industrial machinery, not elsewhere classified	53	13	90	162	769	$462,888	$318,090	$1,095,548	$1,690,857	$5,162,359	$3,471,502
9	Insecticides, fungicides, and related industrial and household chemical compounds	92	23	103	171	647	409,025	390,629	675,630	5,663,297	12,824,256	7,160,959
16	Insulated wire and cable	12	7	13	60	724	(4)	(4)	(4)	(4)	(4)	(4)
15	Jewelers' findings and materials	12	8	13	18	193	92,052	39,657	255,548	1,806,680	2,648,852	842,172
20	Jewelry cases and instrument cases	57	47	40	102	1,335	(4)	(4)	(4)	(4)	(4)	(4)
15	Jewelry (precious metals)	383	361	230	352	2,359	982,225	564,568	3,625,768	12,997,060	23,546,910	10,549,850
3	Knitted cloth	88	54	77	95	956	344,277	177,534	972,983	7,768,877	10,947,559	3,178,682
3	Knitted outerwear (except knit gloves)—contract factories	182	196	68	21	2,500	(4)	(4)	(4)	(4)	(4)	(4)
3	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	187	131	206	219	3,312	976,452	351,193	3,294,205	24,566,052	35,677,937	11,111,885
3	Knitted underwear [a]	9	7	15	20	317	60,749	34,347	272,344	1,127,794	1,785,226	657,432
3	Lace goods	8	6	5	15	345	(4)	(4)	(4)	(4)	(4)	(4)
20	Lamp shades [a]	73	50	61	47	755	192,485	62,005	595,312	1,432,773	2,971,265	1,538,492
15	Lapidary work	63	99	6	9	150	17,605	9,803	273,510	3,045,829	4,035,690	989,861
6	Lasts and related products [a]	7	4	7	18	231	30,813	37,465	330,202	265,037	1,104,757	839,720
12	Leather goods not elsewhere classified [b]	71	73	42	50	856	193,602	73,083	741,126	1,896,888	3,759,885	1,862,997
12	Leather: tanned, curried, and finished—contract factories	4	3	5	-------	39	10,619	-------	32,952	12,164	80,107	67,943
12	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	10	4	13	5	108	21,910	8,256	123,493	458,691	798,245	339,554
15	Lighting fixtures	178	96	225	325	2,989	1,110,115	516,771	3,252,491	11,505,596	22,056,953	10,551,357
8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	174	39	319	872	5,622	2,009,569	1,905,876	9,051,161	13,113,147	36,236,137	23,122,990
9	Lubricating oils and greases—not made in petroleum refineries	4	-------	6	10	21	36,353	24,349	34,339	313,477	588,403	274,926
1	Macaroni, spaghetti, vermicelli, and noodles	66	82	58	78	1,355	329,945	131,745	1,478,291	6,654,119	11,850,859	5,196,740
8	Machine and hand typesetting (including advertisement typesetting)	169	113	173	243	1,762	756,548	436,557	2,903,079	1,010,358	7,478,193	6,467,835
17	Machine-shop products, not elsewhere classified	144	85	129	255	1,860	683,182	402,267	2,388,362	5,505,360	12,399,504	6,894,144
17	Machine-shop repairs	70	53	51	49	412	143,962	82,762	670,595	539,031	2,105,122	1,566,091
17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	73	53	56	52	621	256,810	84,799	923,321	740,333	2,892,381	2,152,048
1	Malt liquors	22	-------	63	351	2,407	812,807	868,588	5,101,178	15,678,648	58,703,356	43,024,708
6	Mattresses and bedsprings	132	117	79	142	1,403	298,983	248,084	1,731,963	5,768,511	10,356,017	4,587,506
17	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	7	-------	12	93	888	66,544	224,139	1,299,808	1,247,725	5,692,479	4,444,754
1	Meat packing, wholesale	39	11	57	524	3,960	364,718	1,132,325	6,573,509	101,581,211	119,291,496	17,710,285
17	Mechanical power-transmission equipment	11	3	15	16	151	40,984	32,679	202,274	250,380	735,715	485,335
4	Men's and boys' hats and caps (except felt and straw)	93	120	39	32	949	(4)	(4)	(4)	(4)	(4)	(4)
4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in contract factories	19	19	7	14	708	20,657	18,861	450,904	76,611	736,930	660,319
4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	117	66	105	122	1,276	460,145	172,997	1,375,179	13,393,420	18,579,121	5,185,701
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	443	557	235	190	19,030	603,170	254,338	18,709,436	1,037,591	24,659,647	23,622,056
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	598	438	579	809	10,920	2,892,116	1,494,863	16,299,748	134,588,594	183,316,007	48,727,413
4	Men's neckwear—made in inside factories or by jobbers engaging contractors	165	166	86	148	2,151	446,368	209,246	2,106,346	9,713,668	15,419,743	5,706,075
17	Metalworking machinery and equipment, not elsewhere classified	8	2	10	34	704	(4)	(4)	(4)	(4)	(4)	(4)
4	Millinery	682	425	717	834	12,098	2,765,746	1,415,923	15,594,141	26,924,846	61,568,375	34,643,529

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
		NEW YORK CITY—Continued										
13	Minerals and earths, ground or otherwise treated	10	2	13	26	479	$93,448	$47,648	$382,332	$1,061,779	$2,240,481	$1,178,702
6	Mirror frames and picture frames [b]	68	46	60	54	821	188,956	72,810	804,041	1,805,096	3,796,340	1,991,244
13	Mirrors and other glass products made of purchased glass	148	109	153	136	1,621	500,333	198,525	1,770,224	3,136,117	7,289,755	4,153,638
20	Miscellaneous fabricated products not elsewhere classified	232	165	186	259	4,031	728,687	389,163	3,352,685	7,230,379	15,632,569	8,402,190
4	Miscellaneous fabricated textile products not elsewhere classified	93	78	59	98	1,038	299,385	147,530	842,641	4,299,706	7,454,645	3,154,939
20	Models and patterns (except paper patterns) [c]	93	59	105	81	915	417,772	137,351	1,208,812	1,016,967	3,922,027	2,905,060
13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	116	49	125	91	926	337,265	162,629	1,603,698	2,940,270	7,270,443	4,330,173
18	Motor vehicles, motor-vehicle bodies, parts and accessories	63	33	81	118	1,284	(4)	(4)	(4)	(4)	(4)	(4)
20	Needles, pins, hooks and eyes, and slide and snap fasteners [c]	15	4	20	92	1,614	186,633	192,458	1,788,795	2,508,073	5,884,022	3,375,949
8	Newspapers: publishing and printing	79	16	95	6,155	8,538	1,210,167	17,884,654	18,537,005	39,427,016	114,885,206	75,458,190
8	Newspapers: publishing without printing	29	5	22	201	37	58,668	236,765	56,027	605,236	1,271,459	666,223
1	Nonalcoholic beverages	133	71	140	106	1,053	403,502	214,327	1,537,710	7,478,693	16,335,194	8,856,501
15	Nonferrous-metal foundries (except aluminum)	37	25	36	10	263	118,103	17,556	360,879	640,655	1,408,067	767,412
15	Nonferrous-metal products not elsewhere classified	90	43	106	256	1,743	419,554	502,176	2,217,530	3,723,148	9,687,305	5,964,157
17	Office and store machines, not elsewhere classified	25	7	40	75	598	236,733	146,440	711,415	979,114	2,980,184	2,001,070
6	Office furniture	20	5	30	42	455	(4)	(4)	(4)	(4)	(4)	(4)
14	Oil burners, domestic and industrial	17	2	22	52	154	68,003	81,453	220,528	1,039,993	1,940,076	900,083
20	Ophthalmic goods: lenses and fittings	22	10	35	46	571	(4)	(4)	(4)	(4)	(4)	(4)
20	Optical instruments and lenses	7	1	13	19	112	72,569	62,150	152,633	128,574	564,810	436,236
9	Paints, varnishes, and lacquers	142	32	190	424	2,248	1,232,449	887,751	3,256,710	23,774,809	42,294,445	18,519,636
7	Paper bags, except those made in paper mills	19	7	25	64	1,454	313,064	179,276	1,582,061	8,376,378	14,389,188	6,012,810
7	Paperboard containers and boxes not elsewhere classified	225	85	385	539	7,484	2,141,885	970,677	7,334,567	20,993,168	40,054,223	19,061,055
17	Paper-mill, pulp-mill, and paper-products machinery [c]	9	3	22	134	721	219,935	312,695	995,467	1,141,593	3,950,670	2,809,077
6	Partitions, shelving, cabinet work, and office and store fixtures	167	113	175	153	1,515	615,698	269,038	2,156,090	4,558,268	10,037,836	5,479,568
20	Pencils (except mechanical) and crayons [c]	11	4	18	212	1,296	163,522	445,559	1,212,978	2,409,458	5,108,774	2,699,316
20	Pens, mechanical pencils, and pen points	25	20	20	34	410	119,734	43,661	409,019	1,058,394	2,149,243	1,090,849
9	Perfumes, cosmetics, and other toilet preparations	175	32	202	460	3,495	1,179,847	779,386	3,213,651	16,852,994	37,319,028	20,466,034
8	Periodicals: publishing and printing	40	6	80	1,255	1,871	667,210	2,500,512	3,268,218	5,047,899	22,546,421	17,498,522
8	Periodicals: publishing without printing	541	78	756	6,708	98	5,551,562	13,679,922	174,538	72,595,509	162,041,967	89,446,458
10	Petroleum refining	4	-------	-------	122	608	-------	(4)	(4)	(4)	(4)	(4)
8	Photoengraving, not done in printing establishments (including preparation of plates)	84	19	197	306	2,328	1,154,131	694,360	6,898,882	1,838,229	15,010,649	13,172,420
1	Pickled fruits and vegetables and vegetable sauces and seasonings	31	16	44	62	361	195,654	133,637	330,370	2,702,722	5,329,206	2,626,484
5	Planing mills not operated in conjunction with sawmills	119	59	131	92	1,208	444,922	169,664	1,775,461	5,010,601	9,557,918	4,547,317
9	Plastic materials	3	-------	6	10	82	(4)	(4)	(4)	(4)	(4)	(4)
14	Power boilers and associated products	16	6	20	22	171	80,016	44,165	203,096	987,651	1,627,504	639,853
1	Prepared feeds (including mineral) for animals and fowls	20	7	22	38	330	132,495	95,124	410,127	2,639,717	5,495,021	2,855,304
1	Preserves, jams, jellies, and fruit butters	19	5	27	26	220	119,857	43,207	219,061	2,590,848	3,463,027	872,179
9	Printing ink	42	6	58	255	701	(4)	(4)	(4)	(4)	(4)	(4)
17	Printing-trades machinery and equipment	38	11	44	608	2,263	320,883	1,160,637	3,860,262	3,182,249	13,655,407	10,473,158
3	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	4	1	5	11	206	(4)	(4)	(4)	(4)	(4)	(4)
20	Professional and scientific instruments (except surgical and dental)	60	46	66	1,259	3,710	(4)	(4)	(4)	(4)	(4)	(4)
6	Public-building furniture	10	4	12	26	307	52,550	35,499	443,079	680,820	1,812,133	1,131,313
17	Pumping equipment and air compressors	15	6	24	35	118	75,060	55,255	166,907	392,179	938,238	546,059
16	Radios, radio tubes, and phonographs	57	24	69	502	2,270	505,329	892,035	2,362,553	13,667,170	22,185,470	8,518,300
4	Raincoats and other waterproof garments (except oiled cotton)	35	21	34	64	677	130,310	103,246	701,677	3,584,226	5,334,223	1,749,997

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
		NEW YORK CITY—Continued										
3	Rayon broad woven goods—regular factories or jobbers engaging contractors	4	1	4	1	33	(4)	(4)	(4)	(4)	(4)	(4)
3	Rayon narrow fabrics	33	22	34	48	917	(4)	(4)	(4)	(4)	(4)	(4)
17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	38	27	35	34	399	$99,764	$59,069	$511,819	$1,456,652	$2,746,278	$1,289,626
4	Robes, lounging garments, and dressing gowns	174	151	145	321	3,811	620,708	491,940	3,328,781	18,038,703	26,959,775	8,921,072
10	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	4	1	2	4	22	3,900	7,594	16,870	112,564	151,212	38,648
11	Rubber products not elsewhere classified	52	21	60	294	2,538	350,939	601,770	2,399,795	8,018,038	15,360,847	7,342,809
1	Salad dressings	9	2	5	44	296	(4)	(4)	(4)	(4)	(4)	(4)
1	Sausage casings—not made in meat-packing establishments	8	2	6	11	140	32,700	20,564	113,347	730,920	1,018,341	287,421
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	97	68	74	97	862	(4)	(4)	(4)	(4)	(4)	(4)
17	Scales and balances	5	2	4	44	395	(4)	(4)	(4)	(4)	(4)	(4)
14	Screw-machine products and wood screws	22	14	26	53	659	(4)	(4)	(4)	(4)	(4)	(4)
15	Secondary smelting and refining, gold, silver, and platinum [5]	19	12	13	28	93	87,403	50,964	148,785	20,165,738	21,026,954	861,216
15	Secondary smelting and refining of nonferrous metals, not elsewhere classified	6	5	10	24	305	42,312	71,251	475,541	7,534,567	9,269,659	1,735,092
15	Sheet-metal work not specifically classified	96	47	96	89	1,026	322,048	144,833	1,413,960	2,903,458	6,279,953	3,376,495
19	Shipbuilding and ship repairing	41	3	78	620	6,637	594,057	1,625,072	11,498,292	9,665,238	30,398,738	20,733,500
20	Signs, advertising displays, and advertising novelties	257	195	201	286	2,708	914,183	434,713	3,606,222	5,383,118	14,495,920	9,112,802
3	Silk broad woven goods—regular factories or jobbers engaging contractors	5	4	5	18	306	(4)	(4)	(4)	(4)	(4)	(4)
3	Silk narrow fabrics	18	5	20	19	327	56,551	29,152	315,433	518,455	1,371,375	852,920
15	Silverware and plated ware	42	29	59	51	1,031	(4)	(4)	(4)	(4)	(4)	(4)
12	Small leather goods	51	43	39	22	564	180,759	30,442	474,325	2,163,931	3,500,168	1,336,237
9	Soap and glycerin	35	8	45	318	1,496	(4)	(4)	(4)	(4)	(4)	(4)
17	Special-industry machinery, not elsewhere classified	17	9	19	27	178	93,515	45,776	272,992	371,111	1,104,618	733,507
20	Sporting and athletic goods not elsewhere classified	20	16	14	40	251	25,845	61,160	285,969	719,777	1,449,518	729,741
	Stamped and pressed metal products (except automobile stampings)	103	44	153	390	3,385	756,609	665,114	3,869,740	8,923,343	18,757,602	9,834,259
13	Statuary and art goods (except stone and concrete)—factory production	32	29	19	14	296	106,430	18,510	419,345	268,309	1,140,280	[871,971
13	Steam and other packing; pipe and boiler covering [6]	22	13	17	29	158	90,106	47,131	182,689	716,049	1,473,916	757,867
14	Steam fittings, regardless of material	10	2	15	23	85	53,743	40,014	108,064	248,057	654,311	406,254
14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	13	2	29	80	646	(4)	(4)	(4)	(4)	(4)	(4)
12	Suitcases, brief cases, bags, trunks, and other luggage	106	78	112	67	1,257	333,580	87,554	1,295,258	3,473,281	6,424,431	2,951,150
20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	59	36	53	88	766	(4)	(4)	(4)	(4)	(4)	(4)
13	Tableware, pressed or blown glass, and glassware not elsewhere classified	5	2	9	21	293	(4)	(4)	(4)	(4)	(4)	(4)
9	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	11	3	15	35	102	(4)	(4)	(4)	(4)	(4)	(4)
4	Textile bags—not made in textile mills	28	16	33	80	1,200	307,209	171,505	1,046,588	6,267,473	9,325,007	3,057,534
17	Textile machinery	21	6	25	21	228	69,621	41,534	290,173	348,991	1,082,280	733,289
14	Tin cans and other tinware not elsewhere classified	34	10	45	297	2,644	(4)	(4)	(4)	(4)	(4)	(4)
2	Tobacco (chewing and smoking) and snuff	7	3	4	6	77	10,484	4,377	51,235	168,716	305,625	136,909
14	Tools (except edge tools, machine tools, files, and saws)	24	18	19	22	148	80,644	32,056	148,867	499,667	1,053,072	553,405
4	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories [6]	306	305	200	137	4,451	704,160	193,708	4,427,333	1,445,515	10,188,922	8,743,407
4	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	147	124	109	155	1,769	(4)	(4)	(4)	(4)	(4)	(4)
4	Trousers (semidress), wash suits, and washable service apparel	60	47	51	53	1,469	203,993	104,297	1,535,693	4,558,680	8,010,402	3,451,722
20	Umbrellas, parasols, and canes [6]	55	54	35	42	843	141,652	65,935	688,149	3,068,129	4,617,244	1,549,115
6	Upholstered household furniture	127	67	177	158	2,232	578,066	241,008	698,569	7,010,140	13,409,281	6,399,141
17	Vending, amusement, and other coin-operated machines	5	1	7	26	175	58,240	52,414	178,588	425,402	921,327	495,925
6	Venetian blinds	45	37	40	35	482	(4)	(4)	(4)	(4)	(4)	(4)
13	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	12	4	15	20	135	60,686	34,810	157,215	462,985	1,001,786	538,801

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
		NEW YORK CITY—Continued										
15	Watchcases	32	27	32	59	533	$153,247	$122,727	$697,637	$1,455,119	$3,208,255	$1,753,136
6	Window and door screens and weather strip	11	8	8	7	55	(4)	(4)	(4)	(4)	(4)	(4)
6	Window shades	62	52	28	48	373	87,225	68,047	328,070	2,596,490	3,790,680	1,194,190
1	Wines	25	5	23	31	163	100,100	95,750	175,816	1,901,434	3,306,772	1,405,338
14	Wire drawn from purchased rods	4	...	6	181	2,046	159,140	462,376	2,471,977	5,664,758	10,117,877	4,453,119
14	Wirework not elsewhere classified	100	84	104	161	1,568	479,185	298,636	1,616,337	3,317,251	8,082,701	4,765,450
16	Wiring devices and supplies	19	5	33	100	2,058	194,529	205,462	1,926,085	4,716,349	8,634,482	3,918,133
4	Women's and misses' blouses and waists made in contract factories	58	66	16	23	1,860	46,610	28,186	1,397,823	105,816	2,072,093	1,966,277
4	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors	86	48	103	135	1,207	556,466	249,407	1,245,272	16,869,288	22,631,676	5,762,388
4	Women's and misses' clothing, not elsewhere classified made in contract factories [6]	45	39	30	22	1,397	92,148	30,252	1,228,578	181,964	2,187,622	2,005,658
4	Women's and misses' clothing, not elsewhere classified made in inside factories or by jobbers engaging contractors [6]	88	53	104	91	1,824	481,710	132,771	1,929,960	12,618,443	17,761,253	5,142,810
4	Women's and misses' dresses (except house dresses)—made in contract factories	1,075	1,171	408	266	31,509	1,100,626	449,273	32,683,186	1,856,137	44,358,520	42,502,383
4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	924	305	1,395	2,469	24,680	7,877,399	4,597,652	35,849,959	217,525,485	315,943,894	98,418,409
4	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics	74	85	38	85	1,550	125,416	100,890	1,130,719	4,652,891	7,129,689	2,476,798
4	Women's, children's, and infants' underwear and nightwear of knitted fabrics	78	58	69	65	2,209	219,647	106,158	1,602,251	6,017,405	9,261,114	3,243,709
4	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	209	165	176	337	6,174	967,445	555,258	5,275,474	26,973,875	40,243,074	13,269,199
4	Women's neckwear, scarfs, etc. [6]	87	83	66	94	1,505	383,841	136,811	1,389,241	6,156,118	10,217,087	4,060,969
12	Women's pocketbooks, handbags, and purses	168	131	179	200	3,387	702,583	353,998	3,617,690	12,750,003	20,668,670	7,918,667
6	Wooden boxes except cigar boxes	30	14	34	36	308	107,634	37,371	363,921	1,046,015	2,029,415	983,400
6	Wood products not elsewhere classified	55	35	69	44	443	240,487	60,302	474,755	1,140,053	2,691,245	1,551,192
3	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	9	5	11	10	93	52,751	12,532	67,424	723,664	1,096,171	372,507
4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	96	72	79	87	1,289	334,834	117,404	1,157,470	5,895,692	9,259,831	3,364,139
9	Writing ink	5	3	10	5	38	(4)	(4)	(4)	(4)	(4)	(4)
	Other industries [5]	3,474	2,052	3,612	13,125	87,449	20,385,785	25,082,326	101,131,120	444,248,079	817,325,302	373,077,223
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	466	190	456	1,618	16,395	2,790,110	3,385,128	19,038,350	146,760,866	241,670,744	94,909,878
3	Textile-mill products and other fiber manufactures	336	268	250	314	7,761	1,034,817	529,745	7,095,530	21,632,515	37,821,521	16,189,006
4	Apparel and other finished products made from fabrics and similar materials	397	362	281	367	6,621	1,059,790	532,120	5,512,884	19,932,318	32,977,338	13,045,020
6	Furniture and finished lumber products	103	66	108	183	1,866	423,610	305,117	1,830,406	5,110,691	9,934,064	4,823,373
7	Paper and allied products	4	1	5	4	47	32,100	6,716	52,641	73,082	230,179	157,097
8	Printing, publishing, and allied industries	336	82	497	3,572	3,202	3,713,771	5,994,098	4,742,857	29,105,958	85,623,983	56,518,025
9	Chemicals and allied products	183	38	259	1,006	4,479	1,826,073	2,331,957	6,049,882	47,766,760	80,128,969	32,362,209
10	Products of petroleum and coal	7		4	124	1,120	30,400	310,849	2,147,281	23,116,318	32,701,767	9,585,449
12	Leather and leather products	112	84	98	135	1,521	354,223	209,551	1,353,180	3,602,875	6,718,110	3,115,235
13	Stone, clay, and glass products	31	9	34	128	1,215	223,247	243,716	1,597,177	3,835,979	9,630,037	5,794,058
14	Iron and steel and their products, except machinery	219	102	280	970	8,274	1,724,112	1,874,822	9,703,177	27,389,067	53,673,380	26,284,313
15	Nonferrous metals and their products	84	53	96	277	3,707	560,427	634,257	5,098,962	40,334,823	51,113,863	10,779,040
16	Electrical machinery	185	64	218	1,255	6,909	1,307,425	2,431,462	7,812,273	19,458,376	40,761,428	21,303,052
17	Machinery (except electrical)	43	15	52	128	1,442	331,852	308,026	1,939,108	3,728,922	8,329,469	4,600,547
19	Transportation equipment except automobiles	14	8	9	8	162	33,888	11,951	185,289	292,486	682,948	390,462
20	Miscellaneous industries	888	677	876	2,916	21,422	4,570,585	5,768,132	25,587,418	48,580,007	118,111,168	69,531,161
5	Lumber and timber basic products	3	.....	8	2	22	369,355	204,679	1,384,705	3,527,036	7,216,334	3,689,298
18	Automobiles and automobile equipment	63	33	81	118	1,284						

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
		ROCHESTER										
	All industries, total	726	395	781	8,320	47,908	$5,111,570	$18,057,760	$66,683,546	$116,040,477	$314,931,616	$198,891,139
8	Bookbinding and related industries	6	4	4	15	106	20,692	15,289	106,793	73,381	329,983	256,602
8	Books: printing without publishing	8	2	14	30	132	63,001	50,967	206,746	267,255	653,003	385,748
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	86	89	15	88	1,040	37,928	197,090	1,451,220	2,966,479	6,243,896	3,277,417
20	Brooms	3	1	4	2	29	5,235	2,258	28,269	65,294	122,590	57,296
1	Candy and other confectionery products	7	2	9	28	221	30,005	54,567	173,947	597,942	1,173,825	575,883
1	Canned and dried fruits and vegetables (including canned soups)	5		12	33	628	(4)	(4)	(4)	(4)	(4)	(4)
20	Carbon paper and inked ribbons	9		18	56	225	(4)	(4)	(4)	(4)	(4)	(4)
9	Cleaning and polishing preparations, blackings, and dressings	3	1	2	3	9	(4)	(4)	(4)	(4)	(4)	(4)
7	Coated and glazed paper	4		3	6	69	9,613	12,125	88,982	534,305	789,505	255,200
4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	3	3		2	23		4,420	20,703	42,520	86,582	44,062
13	Concrete products	6		12	15	54	55,619	19,519	66,109	135,655	356,502	220,847
7	Die-cut paper and paperboard, and converted cardboard	3	1	5	5	126	(4)	(4)	(4)	(4)	(4)	(4)
9	Drugs and medicines (including drug grinding)	8	4	8	19	57	41,230	35,783	46,547	254,900	684,167	429,267
16	Electrical products not elsewhere classified	3	2	3	19	25	4,058	21,404	22,123	72,024	140,078	68,054
15	Electroplating, plating, and polishing	3	3	4	3	60	(4)	(4)	(4)	(4)	(4)	(4)
8	Electrotyping and stereotyping, not done in printing establishments	3		6	11	27	43,943	13,703	49,799	28,966	218,328	189,362
8	Engraving (steel, copperplate, and wood); plate printing	8	4	9	10	76	44,619	7,313	109,735	99,235	360,395	261,160
14	Fabricated structural steel and ornamental metalwork, made in plants not operated in connection with rolling mills	4		8	12	78	40,185	24,960	118,876	423,026	747,659	324,633
1	Flavoring extracts and flavoring sirups, not elsewhere classified	7	2	12	51	151	98,899	68,521	152,434	1,637,371	3,873,576	2,236,205
12	Footwear (except rubber)	13	3	21	158	2,090	130,204	311,108	1,889,116	2,823,924	7,203,898	4,379,974
4	Fur coats and other fur garments, accessories, and trimmings	3	5	4	3	29	6,575	2,739	28,942	24,564	106,271	81,707
8	General commercial (job) printing [5]	44	34	40	52	295	176,292	84,255	471,449	861,113	2,166,809	1,305,696
16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	3	2	2	220	1,033	(4)	(4)	(4)	(4)	(4)	(4)
13	Glass containers	3		6	7	427	(4)	(4)	(4)	(4)	(4)	(4)
14	Gray-iron and semisteel castings	8		12	47	483	49,390	109,121	610,892	583,400	1,692,360	1,108,960
20	Hand stamps, stencils, and brands	3	4		3	10		4,741	11,364	15,909	56,130	40,221
6	Household furniture, except upholstered	7	5	12	22	188	59,180	37,685	172,367	323,312	803,392	480,080
1	Ice cream and ices	14	8	6	18	55	17,007	34,560	52,707	475,291	853,185	377,894
1	Ice, manufactured [6]	9	1	7	19	46	30,705	33,896	63,690	82,450	473,646	391,196
12	Industrial leather belting and packing leather	3	1	1	3	9	(4)	(4)	(4)	(4)	(4)	(4)
17	Industrial machinery, not elsewhere classified	3		4	15	48	36,322	25,277	76,556	207,384	572,578	365,194
15	Jewelry (precious metals)	3		7	7	62	(4)	(4)	(4)	(4)	(4)	(4)
8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	8	2	14	65	841	115,105	176,155	1,228,316	1,741,285	5,004,393	3,263,108
1	Macaroni, spaghetti, vermicelli, and noodles	7	11	3	14	137	6,240	19,054	135,410	824,494	1,121,127	296,633
8	Machine and hand typesetting (including advertisement typesetting)	3	2	2	4	36	(4)	(4)	(4)	(4)	(4)	(4)
17	Machine-shop products, not elsewhere classified	11	8	11	11	95	35,640	19,612	125,314	114,337	405,170	290,833
17	Machine-shop repairs	6	9		4	30		5,264	35,866	33,246	106,575	73,329
17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools [5]	21	23	8	17	246	39,190	30,294	414,880	166,327	1,016,998	850,671
17	Machine tools	5		15	308	1,487	(4)	(4)	(4)	(4)	(4)	(4)
1	Malt liquors	5		19	73	468	140,046	156,420	837,541	1,741,445	6,268,315	4,526,870
6	Mattresses and bedsprings	4	1	6	9	57	23,244	13,008	60,739	213,111	395,272	182,161
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	5	10		6	203		4,919	196,208	59,665	309,732	250,067
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	17	7	39	336	8,718	492,273	698,834	10,185,429	14,702,584	31,200,831	16,498,247
4	Men's neckwear—made in inside factories or by jobbers engaging contractors	4	10	3	11	213	(4)	(4)	(4)	(4)	(4)	(4)
13	Minerals and earths, ground or otherwise treated	3		4	9	33	11,153	17,243	36,038	154,830	343,095	188,265

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Code	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
		ROCHESTER Continued										
20	Miscellaneous fabricated products not elsewhere classified	4		5	5	34	$12,701	$4,120	$24,005	$57,696	$119,410	$61,714
20	Models and patterns (except paper patterns)	6	6		5	24		9,704	42,102	22,906	107,025	84,119
8	Newspapers, publishing and printing	7	3	6	156	343	(4)	(4)	(4)	(4)	(4)	(4)
8	Newspapers: publishing without printing	3	3		3			4,313		14,785	30,172	15,387
1	Nonalcoholic beverages	19	16	6	18	77	11,170	33,154	86,123	495,161	1,212,248	717,087
15	Nonferrous-metal foundries (except aluminum)	4	1	4	4	66	(4)	(4)	(4)	(4)	(4)	(4)
15	Nonferrous-metal products not elsewhere classified	4	1	6	4	92	26,260	6,182	130,226	175,793	412,445	236,652
17	Office and store machines not elsewhere classified	5		7	24	297	20,186	67,110	548,340	486,652	2,101,246	1,614,594
20	Ophthalmic goods: lenses and fittings	7	2	13	840	3,073	(4)	(4)	(4)	(4)	(4)	(4)
20	Optical instruments and lenses	5	2	8	38	546	(4)	(4)	(4)	(4)	(4)	(4)
7	Paperboard containers and boxes not elsewhere classified [6]	18	5	26	78	930	147,627	125,536	1,043,753	2,392,416	4,406,805	2,014,389
6	Partitions, shelving, cabinet work, and office and store fixtures	6	4	6	4	71	21,630	5,170	79,293	101,915	262,536	160,621
9	Perfumes, cosmetics, and other toilet preparations	3		4	31	191	(4)	(4)	(4)	(4)	(4)	(4)
8	Periodicals: publishing without printing	7	2	5	22		18,704	29,096		105,582	238,191	132,609
8	Photoengraving, not done in printing establishments (including preparation of plates)	6		9	10	46	44,992	16,288	103,968	37,597	266,166	228,569
17	Printing-trades machinery and equipment	3		2	1	15	4,940	2,090	16,965	19,803	59,237	39,434
17	Pumping equipment and air compressors	5	1	3	22	136	(4)	(4)	(4)	(4)	(4)	(4)
1	Sausages, prepared meats, and other meat products not made in meat-packing establishments	10	9		6	59		9,500	78,963	1,135,457	1,326,704	191,247
15	Sheet-metal work not specifically classified	6	1	10	12	114	45,877	18,956	133,681	207,628	544,934	337,306
14	Stamped and pressed metal products (except automobile stampings)	4	2	4	9	39	11,000	23,358	50,504	109,641	235,785	126,144
20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	3	1	5	9	102	(4)	(4)	(4)	(4)	(4)	(4)
14	Tools (except edge tools, machine tools, files, and saws)	3	1	5	11	40	18,096	13,443	25,931	120,922	252,062	131,140
6	Upholstered household furniture	6	4	7	14	100	18,940	13,681	83,451	217,159	402,531	185,372
6	Wooden boxes except cigar boxes	4	1	7	14	130	(4)	(4)	(4)	(4)	(4)	(4)
	Other industries [5]	276	101	371	6,908	29,866	2,869,144	15,367,867	45,019,681	78,061,659	227,286,669	149,225,010
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	23	11	36	149	1,354	234,278	333,713	1,380,967	8,714,197	16,979,365	8,265,168
3	Textile-mill products and other fiber manufactures	6	3	9	77	702	119,690	177,415	839,414	1,831,522	3,734,214	1,902,692
4	Apparel and other finished products made from fabrics and similar materials	17	18	14	37	637	60,450	58,740	676,049	1,895,409	3,486,556	1,591,147
6	Furniture and finished lumber products	18	6	24	55	676	81,589	107,001	687,377	1,165,131	2,790,235	1,625,104
7	Paper and allied products	8	1	11	115	482	69,567	330,467	897,656	2,519,172	5,976,093	3,456,921
8	Printing, publishing, and allied industries	14	5	19	282	606	225,520	578,088	1,188,552	1,448,064	7,589,236	6,141,172
9	Chemicals and allied products	20	6	22	348	1,511	104,413	877,391	2,600,061	11,999,392	25,413,112	13,413,720
12	Leather and leather products	8	2	8	15	103	59,838	22,448	97,148	199,627	431,028	231,401
14	Iron and steel and their products, except machinery	20	2	31	146	804	161,339	296,188	1,151,111	1,746,348	4,214,546	2,468,198
15	Nonferrous metals and their products	17	6	25	25	275	87,944	50,394	304,356	1,125,489	2,018,631	893,142
16	Electrical machinery	9	4	26	619	2,429	294,007	1,266,537	3,240,744	4,067,859	13,511,896	9,444,037
17	Machinery (except electrical)	24	3	39	507	2,361	261,385	1,299,387	4,543,841	4,007,083	15,574,146	11,567,063
20	Miscellaneous industries	67	20	94	4,328	16,077	1,013,577	9,534,909	24,810,751	31,428,895	115,465,789	84,036,894
5	Lumber and timber basic products	9	9	5	12	70						
10	Products of petroleum and coal	3			49	258						
13	Stone, clay, and glass products	7	3	8	14	524						
18	Automobiles and automobile equipment	3	1		126	992	95,547	435,189	2,601,654	5,913,471	10,101,822	4,188,351
11	Rubber products	1										
19	Transportation equipment except automobiles	2	1		4	5						

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
		SYRACUSE										
	All industries, total	334	167	332	2,897	18,199	$2,126,075	$4,981,977	$22,032,927	$48,920,791	$104,442,707	$55,521,916
17	Agricultural machinery (except tractors)	3		8	45	380	(4)	(4)	(4)	(4)	(4)	(4)
8	Bookbinding and related industries	5	1	9	36	203	89,721	62,432	212,017	342,487	991,820	649,333
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	52	52	14	83	858	51,770	144,941	1,152,512	2,544,331	5,222,919	2,678,588
9	Candles	4		10	20	180	(4)	(4)	(4)	(4)	(4)	(4)
1	Cheese	4	3			5			(4)	(4)	(4)	(4)
13	Concrete products	4	1		5	57		6,969	54,971	131,744	247,032	115,288
9	Drugs and medicines (including drug grinding)	8		19	22	56	67,435	29,866	41,009	178,235	549,592	371,357
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	5	2	8	13	109	30,339	22,703	146,439	418,850	725,368	306,518
8	General commercial (job) printing	26	20	7	25	146	12,263	39,929	177,562	236,017	638,044	402,027
14	Gray-iron and semisteel castings	4		5	16	285	44,320	29,425	352,812	256,410	775,987	519,577
1	Ice cream and ices	7	1	6	6	42	22,744	25,941	54,051	463,223	1,008,904	545,681
17	Machine-shop products, not elsewhere classified	8	3	2	13	48	(4)	(4)	(4)	(4)	(4)	(4)
17	Machine-shop repairs	3	2	3	1	18	(4)	(4)	(4)	(4)	(4)	(4)
17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	9	5	8	18	218	(4)	(4)	(4)	(4)	(4)	(4)
1	Malt liquors	4		15	50	149	58,610	93,852	233,254	749,756	2,584,966	1,835,210
6	Mattresses and bedsprings	3	2	2	13	46	(4)	(4)	(4)	(4)	(4)	(4)
17	Mechanical power-transmission equipment	3		7	71	324	(4)	(4)	(4)	(4)	(4)	(4)
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	3		5	8	571	42,233	16,876	545,632	601,305	1,358,782	757,477
17	Metalworking machinery and equipment, not elsewhere classified	3		3	67	314	(4)	(4)	(4)	(4)	(4)	(4)
20	Models and patterns (except paper patterns)	5	5	3	3	55	18,775	3,885	81,912	92,029	224,791	132,762
18	Motor vehicles, motor-vehicle bodies, parts and accessories	3		6	132	939	(4)	(4)	(4)	(4)	(4)	(4)
8	Newspapers: publishing and printing	6	4	8	459	450	60,651	756,932	788,522	1,008,065	4,348,517	3,340,452
1	Nonalcoholic beverages	7	3	6	17	39	18,436	23,249	42,099	266,060	665,730	399,670
15	Nonferrous-metal foundries (except aluminum)	3	2	3	5	64	(4)	(4)	(4)	(4)	(4)	(4)
7	Paperboard containers and boxes not elsewhere classified	9	2	12	35	350	67,916	62,105	365,128	1,370,840	2,315,196	944,356
8	Photoengraving, not done in printing establishments (including preparation of plates)	5	3	4	7	26	24,700	7,817	72,197	28,243	177,916	149,673
5	Planing mills not operated in conjunction with sawmills	4	7	3	2	48	12,744	2,036	32,032	79,897	153,504	73,607
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	4		1	8	68	3,250	12,180	83,547	1,324,847	1,592,430	267,583
14	Stamped and pressed metal products (except automobile stampings)	4	4	7	9	67	34,554	8,606	56,618	200,093	425,156	225,063
14	Wirework not elsewhere classified	3	2	2	1	4	4,355	615	4,457	10,663	24,692	14,029
	Other industries [5]	169	60	198	2,092	14,618	1,461,259	3,631,618	17,536,156	38,617,696	80,411,361	41,793,665
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	15	7	14	40	219	63,010	59,900	220,062	1,506,865	2,189,540	682,675
4	Apparel and other finished products made from fabrics and similar materials	9	2	9	28	716	44,285	57,696	663,847	982,191	2,151,539	1,169,348
6	Furniture and finished lumber products	16	15	23	81	706	92,351	134,537	723,058	1,064,143	2,774,096	1,709,953
8	Printing, publishing, and allied industries	11	2	14	22	93	61,793	28,592	139,288	117,754	495,376	377,622
9	Chemicals and allied products	13	2	16	46	365	116,803	70,608	408,569	1,794,531	3,148,996	1,354,465
12	Leather and leather products	6	2	9	96	1,326	82,340	187,757	908,318	2,479,978	4,562,478	2,082,500
14	Iron and steel and their products, expect machinery	19	2	28	235	1,911	171,977	406,158	2,382,690	7,027,956	13,570,850	6,542,894
15	Nonferrous metals and their products	9	7	3	142	1,150	13,055	271,557	1,456,337	3,243,381	6,577,983	3,334,602
17	Machinery (except electrical)	42	11	54	936	5,169	625,104	1,547,091	6,929,680	13,833,104	30,285,243	16,452,139
20	Miscellaneous industries	9	4	5	5	97	11,500	11,866	117,871	177,604	388,795	211,191
2	Tobacco manufactures	4	4	2	2	30						
3	Textile-mill products and other fiber manufactures	3	1	1	7	31						
13	Stone, clay, and glass products	3	1	2	51	527						
16	Electrical machinery	3		7	261	1,210	179,041	855,856	3,586,436	6,390,189	14,266,465	7,876,276
18	Automobiles and automobile equipment	3		6	132	939						
7	Paper and allied products	1										
10	Products of petroleum and coal	2		5	8	129						
11	Rubber products	1										

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939 – Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
	UTICA											
	All industries, total	172	97	162	1,038	11,552	$937,337	$1,854,323	$11,432,443	$26,487,396	$58,229,911	$31,742,515
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	26	31	1	32	406	9,500	56,462	540,095	911,333	2,078,402	1,167,069
3	Cotton broad woven goods	3			53	1,781		(4)	(4)	(4)	(4)	(4)
8	General commercial (job) printing	13	9	7	9	63	21,213	10,664	80,350	88,891	282,588	193,697
1	Ice cream and ices	6	3		19	42		(4)	(4)	(4)	(4)	(4)
1	Ice, manufactured	3		2	2	12	(4)	(4)	(4)	(4)	(4)	(4)
9	Insecticides, fungicides, and related industrial and household chemical compounds	3	2	2	3	5	(4)	(4)	(4)	(4)	(4)	(4)
3	Knitted underwear	7	1	10	119	2,614	100,702	224,788	1,899,687	3,694,680	6,836,368	3,141,688
1	Malt liquors	4		8	37	169	63,063	79,522	281,623	641,177	2,007,929	1,366,752
6	Mattresses and bedsprings	3	1	4	15	248	(4)	(4)	(4)	(4)	(4)	(4)
1	Meat packing, wholesale	3	1	7	23	154	(4)	(4)	(4)	(4)	(4)	(4)
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	7	3	11	18	212	38,657	23,862	171,973	554,801	906,024	351,223
8	Newspapers: publishing and printing	3		7	137	173	(4)	(4)	(4)	(4)	(4)	(4)
1	Nonalcoholic beverages	5	3	4	3	18	9,031	4,850	19,896	147,577	351,659	204,082
7	Paper and paperboard mills	3		3	19	325	16,115	58,792	334,411	1,769,618	2,844,545	1,074,927
7	Paperboard containers and boxes not elsewhere classified	3		1	10	77	4,100	19,367	59,808	263,315	483,763	220,448
8	Photoengraving, not done in printing establishments (including preparation of plates)	3	4		8	19		7,735	32,576	17,096	83,194	66,098
17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	3	1	4	42	180	(4)	(4)	(4)	(4)	(4)	(4)
	Other industries [5]	101	46	117	783	7,647	674,956	1,368,281	8,012,024	18,398,908	42,355,439	23,956,531
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	17	7	11	50	230	77,572	91,890	275,086	3,291,865	4,636,151	1,344,286
3	Textile-mill products and other fiber manufactures	10	3	5	92	2,631	22,842	200,866	2,207,986	4,435,785	12,957,789	8,522,004
4	Apparel and other finished products made from fabrics and similar materials	9	11	4	23	461	14,421	41,397	307,450	641,172	998,123	356,951
7	Paper and allied products	3	1	5	11	150	30,655	22,475	126,153	664,584	1,125,888	461,304
14	Iron and steel and their products, except machinery	11	1	25	235	1,556	123,342	376,957	1,977,096	2,594,453	7,355,993	4,761,540
17	Machinery (except electrical)	10	4	11	54	243	50,809	77,194	292,452	1,468,186	2,938,987	1,470,801
20	Miscellaneous industries	7	2	12	32	570	71,119	51,243	447,244	381,741	1,302,144	920,403
6	Furniture and finished lumber products	3	1	4	15	248						
8	Printing, publishing, and allied industries	8	8	7	142	195						
9	Chemicals and allied products	8	3	9	43	696						
15	Nonferrous metals and their products	4	3	10	9	141						
2	Tobacco manufactures	2										
10	Products of petroleum and coal	1					284,196	506,259	2,378,557	4,921,122	11,040,364	6,119,242
12	Leather and leather products	2										
13	Stone, clay, and glass products	1	2	14	77	526						
16	Electrical machinery	2										
18	Automobiles and automobile equipment	2										
19	Transportation equipment except automobiles	1										
	YONKERS											
	All industries, total	114	71	76	795	8,689	$609,127	$1,686,072	$10,823,690	$24,619,408	$50,991,994	$26,372,586
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	25	32	1	3	95	1,500	4,243	126,180	277,318	561,606	284,288
4	Coats, suits, and skirts (except fur-coats)—made in contract factories	5	6	1	4	146	870	5,077	206,019	7,785	257,458	249,673
9	Drugs and medicines (including drug grinding)	4		6	10	95	(4)	(4)	(4)	(4)	(4)	(4)
3	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	6	1	9	24	492	50,908	34,954	446,296	1,302,949	2,204,532	901,583
8	General commercial (job) printing	7	6	2	3	28	7,870	3,816	42,628	45,452	176,807	131,355
8	Newspapers: publishing and printing	3		5	61	80	(4)	(4)	(4)	(4)	(4)	(4)
1	Nonalcoholic beverages	3	2	3	1	3	5,200	1,435	1,878	24,363	48,111	23,748
5	Planing mills not operated in conjunction with sawmills	3		2	1	8	6,240	504	10,883	29,645	60,698	31,053
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	3	1	3	4	39	(4)	(4)	(4)	(4)	(4)	(4)
4	Women's and misses' dresses (except house dresses)—made in contract factories	4	1	5	.....	141	5,530		112,325	5,631	151,858	146,227

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
		YONKERS—Continued										
	Other industries [5]	61	23	53	759	7,775	$531,009	$1,636,043	$9,877,481	$22,926,265	$47,530,924	$24,604,659
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
4	Apparel and other finished products made from fabrics and similar materials	16	9	8	60	1,291	76,140	117,594	917,653	3,315,212	4,947,302	1,632,090
8	Printing, publishing, and allied industries	6	1	9	111	91	64,586	184,698	178,371	374,272	1,712,351	1,338,079
13	Stone, clay, and glass products	4	1	5	1	59	34,780	1,200	73,903	222,016	514,372	292,356
14	Iron and steel and their products, except machinery	7	2	7	10	113	16,198	21,556	131,718	303,523	711,247	407,724
1	Food and kindred products	8	2	4	74	269						
3	Textile-mill products and other fiber manufactures	3	1	5	168	4,273						
9	Chemicals and allied products	4		6	10	95						
16	Electrical machinery	3		4	92	450	339,305	1,310,995	8,575,836	18,711,242	39,645,652	20,934,410
17	Machinery (except electrical)	4	3	1	229	1,038						
6	Furniture and finished lumber products	2										
7	Paper and allied products	1	4	4	4	96						
15	Nonferrous metals and their products	1										
20	Miscellaneous industries	2										

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries, and are also included in the "Other industries" figures, the sums of these figures are larger than the corresponding totals shown for "All industries."

[1] Figures do not include data for personnel of central-administrative offices.
[2] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.
[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[4] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[5] For number of establishments and of wage earners in individual industries, see table 12.

[a], [b], [c], and [d] To avoid disclosing exact or approximate data for individual establishments, the data for certain establishments located outside the cities have been included in the figures for the industries to which these footnotes are indexed. Data for these establishments are not, however, included in the totals for the cities.
[a] 1 establishment. [b] 2 establishments. [c] 3 establishments. [d] 4 establishments.

TABLE 11.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939

COUNTY	Total	INDUSTRY GROUP																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
The State	34,506	5,299	144	1,182	11,137	365	1,389	767	4,548	1,191	47	68	950	745	1,192	1,330	330	1,094	121	132	2,475
Albany	306	91	2	22	17	5	11	15	54	14			2	17	15	7	1	21	2		10
Allegany	71	34		1		5	6		11		2			1	3		1	6			1
Bronx	1,082	399	11	21	148	18	89	12	60	41		3	7	52	73	22	15	30	7	8	66
Broome	207	63	1	5	4	4	7	6	25	6		5	35	7	14	3	1	11	1	1	8
Cattaraugus	112	45		1		10	10	2	13	3	1		2	6	8	2		6		1	2
Cayuga	75	20		4	2		3	1	14	2			7	2	5		3	7			5
Chautauqua	218	71		5	1	16	42	1	22	3			1	7	21	5	1	12	2	1	7
Chemung	91	34	1	4	1	3	1	1	16	1				4	5	3	1	8	4		4
Chenango	58	23		6		10	1		8	2				1	4			3			
Clinton	33	11				1		7	5	1	2			2	2			1			1
Columbia	58	13		11	4	1	2	7	5	5			1	6				3			
Cortland	61	22		2	9	4	1	2	5	3				2	3		1	4	1	1	1
Delaware	56	19		2		11	5		10	3				4	1		1				
Dutchess	153	39	2	12	23	4	5	1	26	6	1	1	4	6	5		3	10	1		4
Erie	1,249	378	6	14	53	22	46	26	154	91	10	5	12	64	104	55	9	98	19	11	72
Essex	21	2				4	2	5	6	1				1							
Franklin	41	23		1		4	1		8				2	1		2		2			
Fulton	219	18		14	18	5	1	5	6	1			142	1				4			4
Genesee	55	18		1	1	1		3	8	6	1		1	3	2	2		7			1
Greene	36	12			3	2	1	1	4		1		1	4	1	2		2		1	1
Hamilton	12					11			1												
Herkimer	92	18		7	4	5	7	8	7	3			10	3	11			6	1	1	1
Jefferson	116	49		2	2		5	22	12	1				3	2	1		11	1	1	4
Kings	4,910	1,136	17	267	1,096	53	325	145	261	293	9	22	128	116	249	183	49	202	19	26	314
Lewis	33	8		*1		2	3	17	2												
Livingston	37	13		2			1	1	12	1			1	2			1	3			
Madison	48	9	1	1	1	2	7	4	7	3				3	1		1	6	1		1
Monroe	803	218		6	46	10	44	31	113	34	4	1	21	21	41	27	13	77	4	5	87
Montgomery	108	36		19	15	1	3	5	9	4			2		3	1		3			7
Nassau	264	99		4	29	7	8	1	48	3		1	1	16	12	6	2	6		14	7
New York	18,949	781	84	474	9,243	26	544	258	3,071	387	1	14	515	164	340	905	159	318	23	9	1,633
Niagara	221	60		7	1	6	11	18	21	32	2	1	1	9	17	5	6	10	3	1	10
Oneida	309	105	2	32	16	5	14	10	36	11	2		3	3	23	9	3	17	2	1	15
Onondaga	405	99	4	6	12	5	19	21	62	25	4	2	6	14	41	13	4	49	3	2	14
Ontario	76	39			2	1		2	11	2				3	8			7			1
Orange	172	40		20	28	3	3	9	22	8			10	6	8	1	2	6		1	5
Orleans	45	27			1		2	1	7	1				1	2	2		1			
Oswego	83	23		7	3	1	6	14	9	1	1			1	10	1	1	4			1
Otsego	40	14			3	7			6	2			1	1	1			2	1		2
Putnam	9	2				1			4						2						
Queens	1,544	485	6	106	115	24	83	30	90	101		11	13	86	106	52	36	66	14	8	112
Rensselaer	166	46	1	14	27	3	3	10	19	10	1			5	6	3		6	1		11
Richmond	166	68		2	25	1	3	1	12	14	1	2	2	5	4	1	2	5		8	10
Rockland	72	12		11	14	1		2	9	5			4	1	3		1	2		2	5
St. Lawrence	97	51		1	2	7	3	9	9	2	1		1	4	1	2		2		1	1
Saratoga	66	19		16	3		1	15	5	3			1	1				2			
Schenectady	107	55	1	1		1	2	1	21	4				8	2		3	1	2	1	4
Schoharie	20	9		2	1	2	1		3					1				1			
Schuyler	13	3				2	1		3	2								2			
Seneca	22	7		3	1		2		3						1			4			1
Steuben	94	42		9	1	6	3	1	11	2	1			6	2	1		5		1	3
Suffolk	183	65		9	13	2	2	1	30	11			4	12	1	3		3	2	19	6
Sullivan	47	19		1		2	4		14	4				1							2
Tioga	27	12				2	5		3	1			4								
Tompkins	41	12	1		1	1		2	14	1			1	1	1	1	1	3		1	
Ulster	142	37	3	4	24	6	11	7	14	3				14	6		1	3	1	5	3
Warren	48	11	1	2	6	3	1	6	6	2				4				3			3
Washington	47	3		3	6	3	1	11	5					8			1	4			2
Wayne	73	49			1	1	4	3	7	1			2	3	1			1			
Westchester	523	158		14	108	20	16	2	81	23	2		1	25	18	9	7	15	4		20
Wyoming	47	14		3	2	1	5	2	5	1			1	3	3	1		3			3
Yates	24	11			1	1	2	2	3	1									2	1	

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE ALBANY-SCHENECTADY-TROY, BUFFALO, NEW YORK CITY-NEWARK-JERSEY CITY, AND ROCHESTER INDUSTRIAL AREAS, AND FOR ALBANY, BUFFALO, NEW YORK CITY, ROCHESTER, SYRACUSE, UTICA, AND YONKERS: 1939

[In order to avoid disclosing data for individual establishments, wage-earner figures for industries represented by fewer than three establishments are withheld]

Group No.[1]	INDUSTRY	Number of establishments	Wage earners
	STATE OF NEW YORK		
1	Baking powder, yeast, and other leavening compounds	8	391
	Cereal preparations	7	809
	Chewing gum	9	1,388
	Liquors, distilled	3	56
3	Artificial leather and oilcloth	5	894
	Felt goods, wool, hair, and jute (except woven felts and hat bodies and hats)	3	529
	Hat bodies and hats, wool-felt	2	-------
	Hatters' fur	4	187
	Jute goods (except felt)	1	-------
	Linen goods	1	-------
	Rayon broad woven goods—contract factories	2	-------
	Rayon throwing and spinning—contract factories	1	-------
	Silk broad woven goods—contract factories	2	-------
	Silk throwing and spinning—contract factories	5	1,096
	Silk yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	7	1,321
	Woolen and worsted manufactures—contract factories	3	123
4	Handkerchiefs—made in contract factories	7	-------
	Men's and boys' underwear—made in contract factories	1	-------
5	Logging camps and logging contractors (not operating sawmills)	7	379
6	Excelsior	2	-------
	Matches	3	662
9	Bluing	3	21
	Coal-tar products, crude and intermediate	3	49
	Essential oils	6	-------
	Explosives	2	-------
	Fireworks	5	118
	Fish and other marine oils, cake, and meal	2	-------
	Plastic materials	8	1,570
	Rayon and allied products	2	-------
	Soybean oil, cake, and meal	3	283
	Vegetable and animal oils, not elsewhere classified	2	-------
	Writing ink	5	38
11	Reclaimed rubber	1	-------
	Tires and inner tubes	1	-------
13	Clay products (except pottery) not elsewhere classified	1	-------
	Clay refractories, including refractory cement (clay)	2	-------
	Floor and wall tile (except quarry tile)	1	-------
	Glass containers	8	1,447
	Hotel china	4	1,237
	Natural graphite, ground and refined	1	-------
	Nonclay refractories	2	-------
	Sand-lime brick, block, and tile	2	-------
	Tableware, pressed or blown glass, and glassware not elsewhere classified	11	3,348
	Terra cotta	1	-------
14	Automobile stampings	4	137
	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	4	395
	Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills	2	-------
	Files	2	-------
	Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills	2	-------
	Safes and vaults	2	-------
	Vitreous-enameled products, including kitchen, household, and hospital utensils	4	365
	Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills	3	365
15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	18	1,680
	Aluminum ware, kitchen, hospital, and household (except electrical appliances)	1	-------
	Collapsible tubes	2	-------
	Primary smelting and refining of nonferrous metals	3	1,988
	Tin and other foils (except gold and silver foil)	3	341
16	Electric lamps	9	737
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	56	12,178
17	Blowers; exhaust and ventilating fans	3	540
	Cars and trucks, industrial	2	-------
	Measuring and dispensing pumps	4	137
	Steam engines, turbines, and water wheels	1	-------
	Tractors	1	-------
18	Automobile trailers (for attachment to passenger cars)	2	-------
19	Cars and car equipment—railroad, street, and rapid-transit	7	-------
	Locomotives (including frames) and parts: railroad, mining, and industrial	1	-------
	Transportation equipment not elsewhere classified	1	-------
	STATE OF NEW YORK—Continued		
20	Fire extinguishers, chemical	4	167
	Ophthalmic goods: lenses and fittings	32	4,190
	Organs	2	-------
	Photographic apparatus and materials and projection equipment (except lenses)	56	-------
	Wool pulling	1	-------
	ALBANY-SCHENECTADY AND TROY INDUSTRIAL AREA		
1	Baking powder, yeast, and other leavening compounds	1	-------
	Candy and other confectionery products	2	-------
	Canned and dried fruits and vegetables (including canned soups)	1	-------
	Cheese	1	-------
	Condensed and evaporated milk	1	-------
	Creamery butter	1	-------
	Flour and other grain-mill products	1	-------
	Food preparations, not elsewhere classified	4	51
	Meat packing, wholesale	2	-------
	Poultry dressing and packing, wholesale	1	-------
	Prepared feeds (including mineral) for animals and fowls	5	106
	Vinegar and cider	1	-------
2	Tobacco (chewing and smoking) and snuff	1	-------
3	Cordage and twine	1	-------
	Cotton broad woven goods	1	-------
	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	1	-------
	Knitted gloves	2	-------
	Knitted outerwear (except knit gloves)—contract factories	1	-------
	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	2	-------
	Processed waste and recovered wool fibers—contract factories	2	-------
	Rayon broad woven goods—regular factories or jobbers engaging contractors	1	-------
	Silk yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	1	-------
	Woolen and worsted manufactures—contract factories	1	-------
4	Canvas products (except bags)	1	-------
	Children's dresses—made in contract factories	3	178
	Children's dresses—made in inside factories or by jobbers engaging contractors	2	-------
	Fur coats and other fur garments, accessories, and trimmings	2	-------
	Handkerchiefs—made in inside factories or by jobbers engaging contractors	1	-------
	House dresses, uniforms, and aprons—made in contract factories	1	-------
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	1	-------
	Men's and boys' hats and caps (except felt and straw)	1	-------
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in contract factories	1	-------
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	2	-------
	Men's and boys' underwear—made in inside factories or by jobbers engaging contractors	1	-------
	Men's neckwear—made in inside factories or by jobbers engaging contractors	1	-------
	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors	2	-------
	Women's and misses' dresses (except house dresses)—made in contract factories	1	-------
	Women's neckwear, scarfs, etc	1	-------
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	1	-------
5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	2	-------
6	Partitions, shelving, cabinet work, and office and store fixtures	2	-------
	Upholstered household furniture	3	120
	Wood products not elsewhere classified	3	-------
7	Converted paper products not elsewhere classified	2	-------
	Die-cut paper and paperboard, and converted cardboard	2	-------
	Envelopes	1	-------
	Wallpaper	1	-------
8	Books: publishing without printing	1	-------
	Engraving (steel, copperplate, and wood); plate printing	4	-------
	Periodicals: publishing and printing	1	-------

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE ALBANY-SCHENECTADY-TROY, BUFFALO, NEW YORK CITY-NEWARK-JERSEY CITY, AND ROCHESTER INDUSTRIAL AREAS, AND FOR ALBANY, BUFFALO, NEW YORK CITY, ROCHESTER, SYRACUSE, UTICA, AND YONKERS: 1939—Continued

Group No.[1]	INDUSTRY	Number of establishments	Wage earners
	ALBANY-SCHENECTADY AND TROY INDUSTRIAL AREA—Continued		
9	Bluing	1	
	Chemicals not elsewhere classified	3	822
	Cleaning and polishing preparations, blackings, and dressings	4	202
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	1	
	Drugs and medicines (including drug grinding)	5	70
	Fertilizers	1	
	Grease and tallow (except lubricating greases)	1	
	Insecticides, fungicides, and related industrial and household chemical compounds	2	
	Paints, varnishes, and lacquers	5	43
	Perfumes, cosmetics, and other toilet preparations	1	
	Plastic materials	1	
	Soap and glycerin	2	
	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	1	
10	Oven coke and coke-oven byproducts	1	
12	Boot and shoe cut stock and findings	1	
	Footwear (except rubber)	1	
13	Abrasive wheels, stones, paper, cloth, and related products	1	
	Asbestos products (except steam packing and pipe and boiler covering)	1	
	Clay refractories, including refractory cement (clay)	1	
	Mirrors and other glass products made of purchased glass	2	
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	2	
14	Cast-iron pipe and fittings	1	
	Gray-iron and semisteel castings	3	130
	Hardware not elsewhere classified	2	
	Power boilers and associated products	1	
	Saws	1	
	Screw-machine products and wood screws	1	
	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	1	
	Steel castings	1	
	Steel works and rolling mills	3	524
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	1	
	Tin cans and other tinware not elsewhere classified	1	
	Wirework not elsewhere classified	2	
	Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills	1	
15	Electroplating, plating, and polishing	1	
	Jewelry (precious metals)	1	
	Lighting fixtures	1	
	Nonferrous-metal foundries (except aluminum)	4	92
16	Batteries, storage and primary (dry and wet)	1	
	Communication equipment	1	
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	1	
	Wiring devices and supplies	1	
17	Agricultural machinery (except tractors)	1	
	Industrial machinery, not elsewhere classified	2	
	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	1	
	Machine tools	1	
	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	1	
	Mechanical power-transmission equipment	1	
	Metalworking machinery and equipment, not elsewhere classified	1	
	Paper-mill, pulp-mill, and paper-products machinery	2	
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	1	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	5	
19	Locomotives (including frames) and parts: railroad, mining, and industrial	1	
20	Brooms	1	
	Dental equipment and supplies	1	
	Fabricated plastic products, not elsewhere classified	2	
	Hand stamps, stencils, and brands	1	
	Miscellaneous fabricated products not elsewhere classified	1	
	Professional and scientific instruments (except surgical and dental)	3	134

Group No.[1]	INDUSTRY	Number of establishments	Wage earners
	BUFFALO INDUSTRIAL AREA		
1	Biscuit, crackers, and pretzels	4	569
	Blended and prepared flour made from purchased flour	1	
	Cereal preparations	4	
	Chewing gum	3	87
	Chocolate and cocoa products	1	
	Condensed and evaporated milk	3	20
	Creamery butter	4	41
	Cured fish	2	
	Flavoring extracts and flavoring sirups, not elsewhere classified	3	5
	Food preparations, not elsewhere classified	4	11
	Preserves, jams, jellies, and fruit butters	2	
	Quick-frozen foods	2	
	Salad dressings	1	
	Vinegar and cider	3	20
	Wines	1	
3	Batting, padding, and wadding; upholstery filling	2	
	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	1	
	Cloth sponging and miscellaneous special finishing	1	
	Cotton broad woven goods	1	
	Cotton narrow fabrics	4	233
	Hosiery, full-fashioned	1	
	Knitted cloth	1	
	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	1	
	Rayon narrow fabrics	1	
	Silk throwing and spinning, contract factories	4	
	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	1	
4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	2	
	Corsets and allied garments	2	
	Fur coats and other fur garments, accessories, and trimmings	1	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	1	
	House furnishings (except curtains, draperies, and bedspreads)	1	
	Men's neckwear—made in inside factories or by jobbers engaging contractors	1	
	Millinery	5	312
	Miscellaneous fabricated textile products not elsewhere classified	1	
	Robes, lounging garments, and dressing gowns	1	
	Suspenders, garters, and other goods made from purchased elastic material	1	
	Trousers (semidress), wash suits, and washable service apparel	3	88
	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	1	
5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	2	
6	Caskets, coffins, burial cases, and other morticians' goods	2	
	Cooperage	3	88
	Laboratory, hospital, and other professional furniture	1	
	Office furniture	2	
	Partitions, shelving, cabinet work, and office and store fixtures	3	22
	Public-building furniture	1	
	Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets	1	
	Venetian blinds	1	
	Window and door screens and weather strip	1	
	Wood preserving	2	
	Wood products not elsewhere classified	5	67
7	Coated and glazed paper	3	
	Envelopes	3	197
	Fiber cans, tubes, and similar products	2	
	Pulp mills	3	176
8	Bookbinding and related industries	6	650
	Books: publishing without printing	2	
	Periodicals, publishing without printing	3	
9	Cleaning and polishing preparations, blackings, and dressings	9	
	Coal-tar products, crude and intermediate	1	
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	9	123
	Glue and gelatin	1	
	Perfumes, cosmetics, and other toilet preparations	5	87
	Plastic materials	2	
	Printing ink	3	8

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE ALBANY-SCHENECTADY-TROY, BUFFALO, NEW YORK CITY-NEWARK-JERSEY CITY, AND ROCHESTER INDUSTRIAL AREAS, AND FOR ALBANY, BUFFALO, NEW YORK CITY, ROCHESTER, SYRACUSE, UTICA, AND YONKERS: 1939—Continued

Group No.[1]	INDUSTRY	Number of establishments	Wage earners
	BUFFALO INDUSTRIAL AREA—Continued		
9	Rayon and allied products	1	
	Soap and glycerin	1	
	Soybean oil, cake, and meal	3	283
	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	2	
10	Petroleum refining	2	
11	Reclaimed rubber	1	
	Rubber products not elsewhere classified	4	
	Tires and inner tubes	1	
12	Industrial leather belting and packing leather	3	10
	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	2	
	Saddlery, harness, and whips	1	
	Small leather goods	3	125
13	Abrasive wheels, stones, paper, cloth, and related products	4	1,890
	Clay refractories, including refractory cement (clay)	1	
	Glass containers	2	
	Gypsum products	4	473
	Hotel china	1	
	Lime	1	
	Minerals and earths, ground or otherwise treated	3	53
	Nonclay refractories	1	
	Pottery products not elsewhere classified	1	
	Sand-lime brick, block and tile	1	
	Statuary and art goods (except stone and concrete)—factory production	2	
	Steam and other packing; pipe and boiler covering	1	
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	2	
14	Automobile stampings	1	
	Cast-iron pipe and fittings	1	
	Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills	1	
	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	1	
	Doors, window sash, frames, molding, and trim (made of metal)	3	41
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	2	
	Heating and cooking apparatus, except electric, not elsewhere classified	5	78
	Oil burners, domestic and industrial	1	
	Saws	2	
	Screw-machine products and wood screws	2	
	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	1	
	Stamped and pressed metal products (except automobile stampings)	6	1,061
	Steam and hot-water heating apparatus (including hot-water furnaces)	4	1,093
	Steam fittings, regardless of material	2	
	Steel barrels, kegs, and drums	1	
	Steel castings	5	
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	2	
	Tools (except edge tools, machine tools, files, and saws)	7	787
	Wire drawn from purchased rods	1	
	Wirework not elsewhere classified	7	280
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	3	981
	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	2	
	Jewelry (precious metals)	15	173
	Lighting fixtures	6	251
	Nonferrous-metal products not elsewhere classified	2	
	Primary smelting and refining of nonferrous metals	1	
	Secondary smelting and refining, gold, silver, and platinum	1	
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	3	22
16	Batteries, storage and primary (dry and wet)	3	603
	Carbon products for the electrical industry, and manufactures of carbon or artificial graphite	2	
	Communication equipment	1	
	Electric lamps	1	
	Insulated wire and cable	1	
	Radios, radio tubes, and phonographs	2	
17	Blowers; exhaust and ventilating fans	1	
	Commercial laundry, dry-cleaning, and pressing machinery	1	
	Construction and similar machinery (except mining and oil-field machinery and tools)	1	
	Elevators, escalators, and conveyors	3	217
	Internal-combustion engines	3	826
	Machine tools	2	
	Measuring and dispensing pumps	1	
	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	2	
	BUFFALO INDUSTRIAL AREA—Continued		
17	Mechanical power-transmission equipment	4	363
	Metalworking machinery and equipment, not elsewhere classified	1	
	Office and store machines not elsewhere classified	2	
	Printing-trades machinery and equipment	1	
	Pumping equipment and air compressors	4	137
	Scales and balances	1	
	Special industry machinery, not elsewhere classified	1	
	Textile machinery	1	
	Woodworking machinery	2	
19	Aircraft and parts, including aircraft engines	3	3,348
	Boat building and boat repairing	1	
	Cars and car equipment—railroad, street, and rapid-transit	4	772
	Motorcycles, bicycles, and parts	2	
	Shipbuilding and ship repairing	2	
20	Brooms	2	
	Brushes	1	
	Buttons	1	
	Carbon paper and inked ribbons	1	
	Children's vehicles	1	
	Dental equipment and supplies	5	42
	Fabricated plastic products, not elsewhere classified	3	212
	Feathers, plumes, and artificial flowers	2	
	Games and toys (except dolls and children's vehicles)	4	211
	Jewelry cases and instrument cases	7	564
	Miscellaneous fabricated products not elsewhere classified	2	
	Needles, pins, hooks and eyes, and slide and snap fasteners	1	
	Optical instruments and lenses	2	
	Organs	1	
	Photographic apparatus and materials and projection equipment (except lenses)	2	
	Piano and organ parts and materials	1	
	Professional and scientific instruments (except surgical and dental)	2	
	Surgical and medical instruments	1	
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	5	494
	NEW YORK-CITY-NEWARK-JERSEY CITY INDUSTRIAL AREA		
1	Baking powder, yeast, and other leavening compounds	10	542
	Blended and prepared flour made from purchased flour	3	32
	Cereal preparations	4	87
	Chewing gum	6	972
	Chocolate and cocoa products	13	1,112
	Condensed and evaporated milk	4	19
	Corn sirup, corn sugar, corn oil, and starch	2	
	Creamery butter	2	
	Custom slaughtering, wholesale	1	
	Flour and other grain-mill products	4	37
	Liquors, distilled	2	
	Malt	1	
	Oleomargarine—not made in meat-packing establishments	1	
	Vinegar and cider	2	
2	Cigarettes	13	1,225
	Tobacco (chewing and smoking) and snuff	11	384
3	Artificial leather and oilcloth	13	1,255
	Carpets and rugs, wool	5	4,963
	Carpet yarn, woolen and worsted	1	
	Cotton thread	26	
	Dyeing and finishing woolen and worsted	11	
	Felt goods, wool, hair, and jute (except woven felts and hat bodies and hats)	3	
	Hat bodies and hats, fur-felt	10	
	Hatters' fur	11	
	Hosiery—seamless	7	156
	Jute goods (except felt)	3	698
	Knitted gloves	3	896
	Linen goods	1	
	Linoleum, asphalted-felt-base and other hard-surface floor coverings, not elsewhere classified	1	
	Processed waste and recovered wool fibers—contract factories	2	
	Rayon broad woven goods—contract factories	27	842
	Silk throwing and spinning—contract factories	7	
	Silk yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	4	1,040
4	Belts (apparel), regardless of material	182	
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	128	3,350
	Embroideries, other than Schiffli-machine products—made in regular factories or by jobbers engaging contractors	34	
	Handkerchiefs—made in inside factories or by jobbers engaging contractors	38	
	Men's and boys' underwear—made in contract factories	2	
	Raincoats and other waterproof garments (except oiled cotton)	36	

See footnote at end of table.

TABLE 12. INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE ALBANY-SCHENECTADY-TROY, BUFFALO, NEW YORK CITY-NEWARK-JERSEY CITY, AND ROCHESTER INDUSTRIAL AREAS, AND FOR ALBANY, BUFFALO, NEW YORK CITY, ROCHESTER, SYRACUSE, UTICA, AND YONKERS: 1939—Continued

Group No.	INDUSTRY	Number of establishments	Wage earners
	NEW YORK CITY-NEWARK-JERSEY CITY INDUSTRIAL AREA—Continued		
4	Suspenders, garters, and other goods made from purchased elastic material	31	
	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	149	
	Work gloves and mittens—cloth, cloth and leather combined	2	
	Work shirts	6	
5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	10	202
6	Cork products	21	
	Laboratory, hospital, and other professional furniture	18	
	Matches	3	
	Window and door screens and weather strip	19	
	Wood preserving	5	
7	Pulp goods (pressed, molded)	2	
	Wallpaper	2	
8	Gravure, rotogravure, and rotary photogravure (including preparation of plates)	8	
9	Bluing	1	
	Coal-tar products, crude and intermediate	5	
	Colors and pigments	30	1,563
	Explosives	1	
	Fish and other marine oils, cake, and meal	1	
	Hardwood distillation and charcoal manufacture	1	
	Linseed oil, cake, and meal	5	
	Mucilage, paste, and other adhesives, except glue and rubber cement	14	
	Vegetable and animal oils, not elsewhere classified	3	
	Writing ink	5	38
11	Tires and inner tubes	1	
13	Asbestos products (except steam packing and pipe and boiler covering)	7	511
	Clay products (except pottery) not elsewhere classified	1	
	Clay refractories, including refractory cement (clay)	6	
	Floor and wall tile (except quarry tile)	4	260
	Glass containers	2	
	Lime	2	
	Mineral wool	1	
	Nonclay refractories	3	
	Porcelain electrical supplies	2	
	Sand-lime brick, block and tile	4	
	Terra cotta	4	
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	21	325
14	Automobile stampings	2	
	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	11	
	Cast-iron pipe and fittings	2	
	Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills	3	494
	Enameling, japanning, and lacquering	14	114
	Files	4	
	Firearms	2	
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	11	
	Malleable-iron castings	2	
	Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills	2	
	Safes and vaults	1	
	Saws	5	120
	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	2	
	Steam and hot-water heating apparatus (including hot-water furnaces)	4	796
	Steel barrels, kegs, and drums	7	
	Steel castings	3	310
	Steel works and rolling mills	2	
	Vitreous-enameled products, including kitchen, household and hospital utensils	3	
	Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills	3	
15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	21	2,229
	Aluminum ware, kitchen, hospital, and household (except electrical appliances)	2	
	Clocks, watches, and materials and parts (except watchcases)	27	
	Collapsible tubes	8	
	Gold and silver leaf and foil	10	
	Lapidary work	65	
	Primary smelting and refining of nonferrous metals	4	
	Silverware and plated ware	58	1,454
	Tin and other foils (except gold and silver foil)	4	

Group No.	INDUSTRY	Number of establishments	Wage earners
	NEW YORK CITY-NEWARK-JERSEY CITY INDUSTRIAL AREA—Continued		
16	Automotive electrical equipment	17	1,008
	Batteries, storage and primary (dry and wet)	15	1,973
	Electric lamps	26	4,839
	Insulated wire and cable	20	
	X-ray and therapeutic apparatus and electronic tubes	23	
17	Agricultural machinery (except tractors)	1	
	Blowers, exhaust and ventilating fans	4	
	Cars and trucks, industrial	3	27
	Internal-combustion engines	3	90
	Measuring and dispensing pumps	3	
	Mechanical power-transmission equipment	17	1,634
	Pumping equipment and air compressors	26	1,500
	Scales and balances	13	629
	Sewing machines, domestic and industrial	21	
	Stokers, mechanical, domestic and industrial	1	
	Vending, amusement, and other coin-operated machines	6	
	Woodworking machinery	3	188
19	Aircraft and parts, including aircraft engines	9	5,734
	Cars and car equipment—railroad, street, and rapid-transit	3	
	Motorcycles, bicycles, and parts	2	
	Shipbuilding and ship repairing	57	14,483
20	Dolls (except rubber)	74	2,101
	Fire extinguishers, chemical	5	
	Lamp shades	75	
	Musical instruments, parts, and materials not elsewhere classified	26	
	Ophthalmic goods: lenses and fittings	32	1,242
	Organs	1	
	Photographic apparatus and materials and projection equipment (except lenses)	37	2,104
	Piano and organ parts and materials	6	
	Pianos	13	
	Wool pulling	1	
	ROCHESTER INDUSTRIAL AREA		
1	Biscuit, crackers, and pretzels	3	170
	Chewing gum	1	
	Condensed and evaporated milk	2	
	Creamery butter	3	17
	Meat packing, wholesale	3	265
	Pickled fruits and vegetables and vegetable sauces and seasonings	3	205
	Prepared feeds (including mineral) for animals and fowls	2	
	Preserves, jams, jellies, and fruit butters	2	
	Salad dressings	1	
	Vinegar and cider	2	
3	Cloth sponging and miscellaneous special finishing	1	
	Cotton narrow fabrics	2	
	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	2	
	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	1	
4	Belts (apparel), regardless of material	1	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	1	
	Housefurnishings (except curtains, draperies, and bedspreads)	2	
	Men's neckwear—made in inside factories or by jobbers engaging contractors	4	213
	Miscellaneous fabricated textile products not elsewhere classified	1	
	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	1	
	Trousers (semidress), wash suits, and washable service apparel	2	
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	1	
6	Baskets for fruits and vegetables	1	
	Laboratory, hospital, and other professional furniture	1	
	Lasts and related products	2	
	Mirror frames and picture frames	2	
	Office furniture	1	
	Public-building furniture	1	
	Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets	1	
	Wooden boxes except cigar boxes	4	130
7	Converted paper products not elsewhere classified	1	
	Die-cut paper and paperboard, and converted cardboard	3	126
	Envelopes	1	
	Fiber cans, tubes, and similar products	1	
	Paper and paperboard mills	3	412

See footnote at end of table

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE ALBANY-SCHENECTADY-TROY, BUFFALO, NEW YORK CITY-NEWARK-JERSEY CITY, AND ROCHESTER INDUSTRIAL AREAS, AND FOR ALBANY, BUFFALO, NEW YORK CITY, ROCHESTER, SYRACUSE, UTICA, AND YONKERS: 1939—Continued

Group No.[1]	INDUSTRY	Number of establishments	Wage earners
	ROCHESTER INDUSTRIAL AREA—Continued		
8	Books: publishing and printing	1	
	Greeting cards (except hand-painted)	3	
	Machine and hand typesetting (including advertisement typesetting)	3	36
	Newspapers: publishing and printing	13	358
9	Bluing	1	
	Chemicals not elsewhere classified	1	
	Cleaning and polishing preparations, blackings, and dressings	3	9
	Fireworks	1	
	Glue and gelatin	1	
	Grease and tallow (except lubricating greases)	2	
	Insecticides, fungicides, and related industrial and household chemical compounds	5	21
	Mucilage, paste, and other adhesives, except glue and rubber cement	2	
	Perfumes, cosmetics, and other toilet preparations	3	191
	Plastic materials	1	
	Soap and glycerin	1	
	Vegetable and animal oils, not elsewhere classified	1	
10	Oven coke and coke-oven byproducts	1	
	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	3	
11	Rubber products not elsewhere classified	1	
12	Boot and shoe cut stock and findings	2	
	Industrial leather belting and packing leather	3	9
	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	1	
	Small leather goods	1	
	Suitcases, brief cases, bags, trunks, and other luggage	1	
13	Glass containers	3	427
	Gypsum products	1	
	Mirrors and other glass products made of purchased glass	4	
	Nonclay refractories	1	
14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	1	
	Doors, window sash, frames, molding, and trim (made of metal)	1	
	Enameling, japanning, and lacquering	1	
	Forgings, iron and steel—made in plants not operated in connection with rolling mills	1	
	Power boilers and associated products	1	
	Safes and vaults	1	
	Saws	1	
	Screw-machine products and wood screws	2	
	Steam fittings, regardless of material	2	
	Steel castings	1	
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	1	
	Tin cans and other tinware not elsewhere classified	2	
	Wirework not elsewhere classified	1	
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	1	
	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	1	
	Electroplating, plating, and polishing	3	60
	Engraving on metal (except for printing purposes)	2	
	Jewelry (precious metals)	3	62
	Lighting fixtures	1	
	Nonferrous-metal foundries (except aluminum)	4	66
	Secondary smelting and refining, gold, silver, and platinum	1	
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	1	
16	Communication equipment	3	621
	Electrical appliances	1	
	Electric lamps	1	
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	3	1,033
	Radios, radio tubes, and phonographs	2	
17	Agricultural machinery (except tractors)	1	
	Commercial laundry, dry-cleaning, and pressing machinery	2	
	Elevators, escalators, and conveyors	1	
	Machine tools	5	1,487
	Measuring and dispensing pumps	1	
	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	1	
	Mechanical power-transmission equipment	1	
	Metalworking machinery and equipment, not elsewhere classified	1	
	Paper-mill, pulp-mill, and paper-products machinery	3	82
	Pumping equipment and air compressors	5	136
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	1	
	Special-industry machinery, not elsewhere classified	1	
	Woodworking machinery	1	
	ROCHESTER INDUSTRIAL AREA—Continued		
18	Motor vehicles, motor-vehicle bodies, parts and accessories	4	999
19	Aircraft and parts, including aircraft engines	1	
	Boat building and boat repairing	1	
	Cars and car equipment—railroad, street, and rapid-transit	2	
	Transportation equipment not elsewhere classified	1	
20	Artists' materials	1	
	Beauty-shop and barber-shop equipment	1	
	Brushes	1	
	Buttons	2	
	Carbon paper and inked ribbons	9	225
	Children's vehicles	1	
	Costume jewelry and costume novelties (jewelry other than fine jewelry)	1	
	Dental equipment and supplies	1	
	Fabricated plastic products, not elsewhere classified	2	
	Games and toys (except dolls and children's vehicles)	1	
	Jewelry cases and instrument cases	1	
	Lamp shades	1	
	Ophthalmic goods: lenses and fittings	7	3,073
	Optical instruments and lenses	5	546
	Photographic apparatus and materials and projection equipment (except lenses)	13	
	Pianos	1	
	Professional and scientific instruments (except surgical and dental)	1	
	Soda fountains, beer dispensing equipment, and related products	2	
	Surgical and medical instruments	2	
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	3	102
	CITY OF ALBANY		
1	Candy and other confectionery products	1	
	Food preparations, not elsewhere classified	1	
	Ice cream and ices	3	34
	Ice, manufactured	1	
	Meat packing, wholesale	1	
	Prepared feeds (including mineral) for animals and fowls	2	
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	3	48
2	Cigars	1	
	Tobacco (chewing and smoking) and snuff	1	
3	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	1	
	Knitted gloves	1	
4	Canvas products (except bags)	1	
	Children's dresses—made in contract factories	2	
	Fur coats and other fur garments, accessories, and trimmings	1	
	Men's and boys' hats and caps (except felt and straw)	1	
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	1	
	Women's and misses' blouses and waists—made in contract factories	1	
	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors	1	
	Women's and misses' dresses (except house dresses)—made in contract factories	1	
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	1	
6	Partitions, shelving, cabinet work, and office and store fixtures	2	
	Upholstered household furniture	2	
	Wood products not elsewhere classified	1	
7	Converted paper products not elsewhere classified	2	
	Die-cut paper and paperboard, and converted cardboard	2	
	Paper and paperboard mills	1	
	Paperboard containers and boxes not elsewhere classified	3	64
8	Bookbinding and related industries	5	
	Books: printing without publishing	3	
	Engraving (steel, copperplate, and wood); plate printing	3	
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	4	
	Machine and hand typesetting (including advertisement typesetting)	2	
	Newspapers: publishing and printing	2	
	Periodicals: publishing without printing	3	
	Photoengraving, not done in printing establishments (including preparation of plates)	3	

See footnote at end of table.

TABLE 12. INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE ALBANY-SCHENECTADY-TROY, BUFFALO, NEW YORK CITY-NEWARK-JERSEY CITY, AND ROCHESTER INDUSTRIAL AREAS, AND FOR ALBANY, BUFFALO, NEW YORK CITY, ROCHESTER, SYRACUSE, UTICA, AND YONKERS: 1939—Continued

Group No.[1]	INDUSTRY	Number of establishments	Wage earners
	CITY OF ALBANY—Continued		
9	Cleaning and polishing preparations, blackings, and dressings	3	
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	1	
	Fertilizers	1	
	Insecticides, fungicides, and related industrial and household chemical compounds	2	
	Perfumes, cosmetics, and other toilet preparations	1	
	Soap and glycerin	1	
13	Brick and hollow structural tile	1	
	Concrete products	4	41
	Mirrors and other glass products made of purchased glass	1	
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	1	
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	2	
	Saws	1	
	Stoves, ranges, water heaters, and hot-air furnaces except electric	1	
	Tin cans and other tinware not elsewhere classified	1	
15	Electroplating, plating, and polishing	1	
	Jewelry (precious metals	1	
17	Industrial machinery, not elsewhere classified	1	
	Machine-shop products, not elsewhere classified	2	
	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	1	
	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	1	
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	1	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	1	
20	Brushes	1	
	Dental equipment and supplies	1	
	Fabricated plastic products, not elsewhere classified	1	
	Hand stamps, stencils, and brands	1	
	Miscellaneous fabricated products not elsewhere classified	1	
	Sporting and athletic goods not elsewhere classified	2	
	CITY OF BUFFALO		
1	Biscuit, crackers, and pretzels	4	569
	Blended and prepared flour made from purchased flour	1	
	Cereal preparations	1	
	Cheese	1	
	Chewing gum	2	
	Chocolate and cocoa products	1	
	Condensed and evaporated milk	2	
	Creamery butter	3	
	Cured fish	2	
	Flavoring extracts and flavoring sirups, not elsewhere classified	3	5
	Flour and other grain-mill products	9	1,554
	Food preparations, not elsewhere classified	3	
	Macaroni, spaghetti, vermicelli, and noodles	3	
	Malt liquors	8	540
	Pickled fruits and vegetables and vegetable sauces and seasonings	1	
	Prepared feeds (including mineral) for animals and fowls	14	827
	Preserves, jams, jellies, and fruit butters	2	
	Salad dressings	1	
3	Cloth sponging and miscellaneous special finishing	1	
	Cotton narrow fabrics	3	
	Hosiery—full-fashioned	1	
	Rayon narrow fabrics	1	
	Silk throwing and spinning (contract factories)	3	
4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	2	
	Corsets and allied garments	1	
	Fur coats and other fur garments, accessories, and trimmings	1	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	1	
	Housefurnishings (except curtains, draperies, and bedspreads)	1	
	Men's neckwear—made in inside factories or by jobbers engaging contractors	1	
	Millinery	5	
	Miscellaneous fabricated textile products not elsewhere classified	1	
	Robes, lounging garments, and dressing gowns	1	
	Suspenders, garters, and other goods made from purchased elastic material	1	
	CITY OF BUFFALO—Continued		
4	Trousers (semidress), wash suits, and washable service apparel	3	88
	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	1	
6	Caskets, coffins, burial cases, and other morticians' goods	2	
	Cooperage	1	
	Laboratory, hospital, and other professional furniture	1	
	Office furniture	1	
	Partitions, shelving, cabinet work, and office and store fixtures	3	22
	Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets	1	
	Upholstered household furniture	4	177
	Venetian blinds	1	
	Window and door screens and weather strip	1	
	Wood preserving	1	
	Wooden boxes except cigar boxes	1	
	Wood products not elsewhere classified	2	
7	Coated and glazed paper	1	
	Converted paper products not elsewhere classified	1	
	Envelopes	3	
	Fiber cans, tubes, and similar products	1	
	Wall paper	1	
8	Bookbinding and related industries	4	
	Books: publishing and printing	3	
	Books: publishing without printing	2	
	Newspapers: publishing without printing	4	
	Periodicals: publishing without printing	2	
9	Chemicals not elsewhere classified	5	1,219
	Coal-tar products, crude and intermediate	1	
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	6	113
	Fertilizers	1	
	Grease and tallow (except lubricating greases)	4	
	Lubricating oils and greases—not made in petroleum refineries	2	
	Perfumes, cosmetics, and other toilet preparations	5	87
	Printing ink	3	8
	Soap and glycerin	1	
	Soybean oil, cake, and meal	3	283
	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	2	
10	Oven coke and coke-oven byproducts	1	
	Petroleum refining	1	
	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	1	
11	Reclaimed rubber	1	
	Rubber products not elsewhere classified	2	
12	Industrial leather belting and packing leather	2	
	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	2	
	Saddlery, harness, and whips	1	
	Small leather goods	2	
13	Abrasive wheels, stones, paper, cloth, and related products	1	
	Cement	1	
	Clay refractories, including refractory cement (clay)	1	
	Gypsum products	1	
	Hotel china	1	
	Lime	1	
	Sand-lime brick, block and tile	1	
	Statuary and art goods (except stone and concrete)—factory production	2	
	Steam and other packing; pipe and boiler covering	1	
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	1	
14	Automobile stampings	1	
	Blast-furnace products	3	644
	Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills	1	
	Doors, window sash, frames, molding, and trim (made of metal)	2	
	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	16	
	Forgings, iron and steel—made in plants not operated in connection with rolling mills	4	
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	2	
	Heating and cooking apparatus, except electric, not elsewhere classified	5	
	Malleable-iron castings	3	
	Oil burners, domestic and industrial	1	
	Saws	1	

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE ALBANY-SCHENECTADY-TROY, BUFFALO, NEW YORK CITY-NEWARK-JERSEY CITY, AND ROCHESTER INDUSTRIAL AREAS, AND FOR ALBANY, BUFFALO, NEW YORK CITY, ROCHESTER, SYRACUSE, UTICA, AND YONKERS: 1939—Continued

Group No.[1]	INDUSTRY	Number of establishments	Wage earners
	CITY OF BUFFALO—Continued		
14	Screw-machine products and wood screws	2	-------
	Stamped and pressed metal products (except automobile stampings)	5	-------
	Steam and hot-water heating apparatus (including hot-water furnaces)	3	-------
	Steel barrels, kegs, and drums	1	-------
	Steel works and rolling mills	2	-------
	Wirework not elsewhere classified	5	-------
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	3	981
	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	1	-------
	Electroplating, plating, and polishing	5	-------
	Jewelry (precious metals)	15	173
	Lighting fixtures	5	-------
	Nonferrous-metal foundries (except aluminum)	6	-------
	Nonferrous-metal products not elsewhere classified	2	-------
	Secondary smelting and refining, gold, silver, and platinum	1	-------
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	3	-------
16	Electric lamps	1	-------
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	4	-------
	Insulated wire and cable	1	-------
	Radios, radio tubes, and phonographs	1	-------
17	Blowers; exhaust and ventilating fans	1	-------
	Commercial laundry, dry-cleaning, and pressing machinery	1	-------
	Elevators, escalators, and conveyors	3	217
	Internal-combustion engines	3	826
	Machine-shop products, not elsewhere classified	24	421
	Machine tools	2	-------
	Measuring and dispensing pumps	1	-------
	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	2	-------
	Mechanical power-transmission equipment	1	-------
	Metalworking machinery and equipment, not elsewhere classified	1	-------
	Office and store machines not elsewhere classified	2	-------
	Printing-trades machinery and equipment	1	-------
	Pumping equipment and air compressors	2	-------
	Scales and balances	1	-------
	Special-industry machinery, not elsewhere classified	1	-------
	Textile machinery	1	-------
	Woodworking machinery	1	-------
18	Motor vehicles, motor-vehicle bodies, parts and accessories	18	4,835
19	Aircraft and parts, including aircraft engines	2	-------
	Cars and car equipment—railroad, street, and rapid-transit	1	-------
	Motorcycles, bicycles, and parts	1	-------
	Shipbuilding and ship repairing	2	-------
20	Brooms	1	-------
	Brushes	1	-------
	Dental equipment and supplies	4	-------
	Fabricated plastic products not elsewhere classified	1	-------
	Feathers, plumes, and artificial flowers	1	-------
	Games and toys (except dolls and children's vehicles)	1	-------
	Jewelry cases and instrument cases	6	-------
	Miscellaneous fabricated products, not elsewhere classified	2	-------
	Needles, pins, hooks and eyes, and slide and snap fasteners	1	-------
	Optical instruments and lenses	1	-------
	Organs	1	-------
	Photographic apparatus and materials and projection equipment (except lenses)	2	-------
	Professional and scientific instruments (except surgical and dental)	1	-------
	Signs, advertising displays, and advertising novelties	18	-------
	Sporting and athletic goods not elsewhere classified	3	-------
	Surgical and medical instruments	1	-------
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	4	4
	CITY OF NEW YORK		
1	Baking powder, yeast, and other leavening compounds	6	-------
	Biscuit, crackers, and pretzels	18	3,824
	Blended and prepared flour made from purchased flour	2	-------
	Candy and other confectionery products	115	5,284
	Cane-sugar refining	5	-------
	Cereal preparations	2	-------
	Chewing gum	4	-------
	Chocolate and cocoa products	10	828
	Condensed and evaporated milk	4	19
	Creamery butter	1	-------
	Cured fish	14	-------

Group No.[1]	INDUSTRY	Number of establishments	Wage earners
	CITY OF NEW YORK—Continued		
1	Flavoring extracts and flavoring sirups, not elsewhere classified	94	556
	Flour and other grain-mill products	1	-------
	Ice, manufactured	60	750
	Liquors, rectified or blended	12	-------
	Poultry dressing and packing, wholesale	8	-------
	Salad dressings	9	296
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	97	862
	Special dairy products	3	-------
	Vinegar and cider	1	-------
3	Artificial leather and oilcloth	3	-------
	Batting, padding, and wadding; upholstery filling	10	-------
	Carpets and rugs, wool	1	-------
	Cloth sponging and miscellaneous special finishing	38	535
	Cotton yarn	11	-------
	Hat bodies and hats, fur-felt	5	-------
	Hatters' fur	3	-------
	Hosiery—seamless	7	156
	Jute goods (except felt)	1	-------
	Knitted goods	2	-------
	Knitted outerwear (except knit gloves)—contract factories	182	2,500
	Lace goods	8	345
	Processed waste and recovered wool fibers—contract factories	2	-------
	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	4	206
	Rayon broad woven goods—regular factories or jobbers engaging contractors	4	33
	Rayon narrow fabrics	33	917
	Rayon throwing and spinning—contract factories	1	-------
	Rayon yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	11	-------
	Silk broad woven goods—contract factories	1	-------
	Silk broad woven goods—regular factories or jobbers engaging contractors	5	306
	Silk yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	3	-------
	Woolen and worsted manufactures—contract factories	1	-------
4	Children's and infants' wear not elsewhere classified—made in contract factories	10	-------
	Dress and semidress gloves and mittens; cloth, cloth and leather combined	24	-------
	Embroideries, other than Schiffli-machine products—made in regular factories or by jobbers engaging contractors	32	-------
	Handkerchiefs—made in contract factories	6	93
	Handkerchiefs—made in inside factories or by jobbers engaging contractors	25	-------
	Men's and boys' hats and caps (except felt and straw)	93	949
	Men's and boys' underwear—made in contract factories	1	-------
	Men's and boys' underwear—made in inside factories or by jobbers engaging contractors	3	-------
	Men's neckwear—made in contract factories	17	-------
	Suspenders, garters, and other goods made from purchased elastic material	31	-------
	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	147	1,769
	Work gloves and mittens: cloth, cloth and leather combined	2	-------
	Work shirts	6	-------
5	Plywood mills	2	-------
	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	1	-------
6	Laboratory, hospital, and other professional furniture	16	-------
	Matches	1	-------
	Office furniture	20	455
	Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets	9	-------
	Venetian blinds	45	482
	Window and door screens and weather strip	11	55
	Wood preserving	1	-------
7	Paper and paperboard mills	2	-------
	Pulp goods (pressed, molded)	1	-------
	Wallpaper	1	-------
8	Books: publishing and printing	16	329
	Books: publishing without printing	246	-------
	Electrotyping and stereotyping, not done in printing establishments	41	1,111
	Greeting cards (except hand-painted)	33	1,674
9	Bluing	1	-------
	Candles	8	-------
	Chemicals not elsewhere classified	39	863
	Colors and pigments	10	-------
	Essential oils	6	-------

See footnote at end of table.

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Group No.[1]	INDUSTRY	Number of establishments	Wage earners
	CITY OF NEW YORK—Continued		
9	Fireworks	1	
	Fish and other marine oils, cake, and meal	1	
	Glue and gelatin	8	141
	Linseed oil, cake, and meal	2	
	Mucilage, paste, and other adhesives, except glue and rubber cement	11	
	Plastic materials	3	82
	Printing ink	42	701
	Soap and glycerin	35	1,496
	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	11	102
	Writing ink	5	38
10	Oven coke and coke-oven byproducts	2	
	Paving blocks and paving mixtures—asphalt, creosoted wood, and composition	1	
	Petroleum refining	4	608
12	Boot and shoe cut stock and findings	44	945
	Industrial leather belting and packing leather	25	90
	Leather gloves and mittens	40	
	Saddlery, harness, and whips	3	
13	Abrasive wheels, stones, paper, cloth, and related products	16	
	Asbestos products (except steam packing and pipe and boiler covering)	3	
	Clay products (except pottery) not elsewhere classified	1	
	Glass containers	1	
	Gypsum products	2	
	Pottery products not elsewhere classified	1	
	Sand-lime brick, block and tile	1	
	Tableware, pressed or blown glass, and glassware not elsewhere classified	5	293
	Terra cotta	1	
14	Automobile stampings	2	
	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	2	
	Cast-iron pipe and fittings	1	
	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	26	1,463
	Enameling, japanning, and lacquering	10	
	Files	2	
	Firearms	1	
	Forgings, iron and steel—made in plants not operated in connection with rolling mills	4	58
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	8	
	Hardware not elsewhere classified	56	1,556
	Heating and cooking apparatus, except electric, not elsewhere classified	23	122
	Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills	2	
	Safes and vaults	1	
	Saws	4	
	Screw-machine products and wood screws	22	659
	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	2	
	Steel barrels, kegs, and drums	2	
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	13	646
	Tin cans and other tinware not elsewhere classified	34	2,644
	Vitreous-enameled products, including kitchen, household, and hospital utensils	2	
	Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills	2	
15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	12	164
	Aluminum ware, kitchen, hospital, and household (except electrical appliances)	1	
	Clocks, watches, and materials and parts (except watch-cases)	23	
	Collapsible tubes	2	
	Primary smelting and refining of nonferrous metals	1	
	Silverware and plated ware	42	1,031
	Tin and other foils (except gold and silver foil	3	
16	Automotive electrical equipment	8	739
	Batteries, storage and primary (dry and wet)	7	328
	Carbon products for the electrical industry, and manufactures of carbon or artificial graphite	3	
	Communication equipment	46	1,785
	Electrical appliances	13	158
	Electrical measuring instruments	8	
	Electrical products not elsewhere classified	23	
	Electric lamps	7	
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	43	1,898
	Insulated wire and cable	12	724
	X-ray and therapeutic apparatus and electronic tubes	17	
17	Blowers; exhaust and ventilating fans	2	
	Internal-combustion engines	1	
	Machine tools	2	
	CITY OF NEW YORK—Continued		
17	Measuring and dispensing pumps	2	
	Metalworking machinery and equipment, not elsewhere classified	8	704
	Scales and balances	5	395
	Sewing machines, domestic and industrial	20	
	Stokers, mechanical, domestic and industrial	1	
	Woodworking machinery	2	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	63	1,284
19	Boat building and boat repairing	12	
	Motorcycles, bicycles, and parts	2	
20	Artists' materials	14	
	Beauty-shop and barber-shop equipment	22	
	Brooms	8	
	Buttons	146	2,731
	Carbon paper and inked ribbons	11	
	Children's vehicles	8	
	Costume jewelry and costume novelties (jewelry other than fine jewelry)	147	2,126
	Dental equipment and supplies	26	698
	Fire extinguishers, chemical	3	
	Furs, dressed and dyed	96	2,236
	Games and toys (except dolls and children's vehicles)	100	2,046
	Jewelry cases and instrument cases	57	1,335
	Musical instruments, parts, and materials not elsewhere classified	22	
	Ophthalmic goods: lenses and fittings	22	571
	Photographic apparatus and materials and projection equipment (except lenses)	35	
	Piano and organ parts and materials	4	
	Pianos	12	
	Professional and scientific instruments (except surgical and dental)	60	3,710
	Soda fountains, beer dispensing equipment, and related products	13	
	Surgical and medical instruments	9	
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	59	766
	Tobacco pipes and cigarette holders	13	
	Wool pulling	1	
	CITY OF ROCHESTER		
1	Biscuit, crackers, and pretzels	3	
	Canned and dried fruits and vegetables (including canned soups)	5	628
	Chewing gum	1	
	Condensed and evaporated milk	1	
	Creamery butter	2	
	Flour and other grain-mill products	1	
	Food preparations, not elsewhere classified	3	
	Meat packing, wholesale	2	
	Pickled fruits and vegetables and vegetable sauces and seasonings	2	
	Prepared feeds (including mineral) for animals and fowls	1	
	Preserves, jams, jellies, and fruit butters	1	
	Salad dressings	1	
3	Cloth sponging and miscellaneous special finishing	1	
	Cotton narrow fabrics	2	
	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	2	
	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	1	
4	Belts (apparel), regardless of material	1	
	Canvas products (except bags)	4	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	1	
	Housefurnishings (except curtains, draperies, and bedspreads)	2	
	Men's neckwear—made in inside factories or by jobbers engaging contractors	4	213
	Miscellaneous fabricated textile products not elsewhere classified	1	
	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	1	
	Trousers (semidress), wash suits, and washable service apparel	2	
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	1	
5	Planing mills not operated in conjunction with sawmills	9	
6	Caskets, coffins, burial cases, and other morticians' goods	3	
	Laboratory, hospital, and other professional furniture	1	
	Lasts and related products	2	
	Mirror frames and picture frames	2	
	Office furniture	1	

See footnote at end of table

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE ALBANY-SCHENECTADY-TROY, BUFFALO, NEW YORK CITY-NEWARK-JERSEY CITY, AND ROCHESTER INDUSTRIAL AREAS, AND FOR ALBANY, BUFFALO, NEW YORK CITY, ROCHESTER, SYRACUSE, UTICA, AND YONKERS: 1939—Continued

Group No.[1]	INDUSTRY	Number of establishments	Wage earners
	CITY OF ROCHESTER—Continued		
6	Public-building furniture	1	
	Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets	1	
	Wooden boxes except cigar boxes	4	130
	Wood products not elsewhere classified	3	
7	Converted paper products not elsewhere classified	1	
	Die-cut paper and paperboard, and converted cardboard	3	126
	Envelopes	1	
	Fiber cans, tubes, and similar products	1	
	Paper and paperboard mills	2	
8	Books: publishing and printing	1	
	Greeting cards (except hand-painted)	3	
	Machine and hand typesetting (including advertisement typesetting)	3	36
	Newspapers: publishing and printing	7	343
9	Bluing	1	
	Chemicals not elsewhere classified	1	
	Cleaning and polishing preparations, blackings, and dressings	3	9
	Glue and gelatin	1	
	Grease and tallow (except lubricating greases)	1	
	Insecticides, fungicides, and related industrial and household chemical compounds	4	
	Mucilage, paste, and other adhesives, except glue and rubber cement	1	
	Paints, varnishes, and lacquers	3	
	Perfumes, cosmetics, and other toilet preparations	3	191
	Plastic materials	1	
	Soap and glycerin	1	
10	Oven coke and coke-oven byproducts	1	
	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	2	
11	Rubber products not elsewhere classified	1	
12	Boot and shoe cut stock and findings	2	
	Industrial leather belting and packing leather	3	9
	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	1	
	Small leather goods	1	
	Suitcases, brief cases, bags, trunks, and other luggage	1	
13	Glass containers	3	427
	Mirrors and other glass products made of purchased glass	4	
14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	1	
	Doors, window sash, frames, molding, and trim (made of metal)	1	
	Enameling, japanning, and lacquering	1	
	Forgings, iron and steel—made in plants not operated in connection with rolling mills	1	
	Hardware not elsewhere classified	5	
	Power boilers and associated products	1	
	Safes and vaults	1	
	Saws	1	
	Screw-machine products and wood screws	2	
	Steam fittings, regardless of material	2	
	Steel castings	1	
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	1	
	Tin cans and other tinware not elsewhere classified	1	
	Wirework not elsewhere classified	1	
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	1	
	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	1	
	Electroplating, plating, and polishing	3	60
	Engraving on metal (except for printing purposes)	2	
	Jewelry (precious metals)	3	62
	Lighting fixtures	1	
	Nonferrous-metal foundries (except aluminum)	4	66
	Secondary smelting and refining, gold, silver, and platinum	1	
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	1	
16	Communication equipment	2	
	Electrical appliances	1	
	Electric lamps	1	
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	3	1,033
	Radios, radio tubes, and phonographs	2	
17	Commercial laundry, dry-cleaning, and pressing machinery	2	
	Elevators, escalators, and conveyors	1	
	Food-products machinery	3	
17	Machine tools	5	1,487
	Measuring and dispensing pumps	1	
	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	1	
	Mechanical power-transmission equipment	1	
	Metalworking machinery and equipment, not elsewhere classified	1	
	Paper-mill, pulp-mill, and paper-products machinery	2	
	Pumping equipment and air compressors	5	136
	Special-industry machinery, not elsewhere classified	1	
	Woodworking machinery	1	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	3	
19	Aircraft and parts, including aircraft engines	1	
	Transportation equipment not elsewhere classified	1	
20	Artists' materials	1	
	Beauty-shop and barber-shop equipment	1	
	Brushes	1	
	Buttons	2	
	Carbon paper and inked ribbons	9	225
	Children's vehicles	1	
	Costume jewelry and costume novelties (jewelry other than fine jewelry)	1	
	Dental equipment and supplies	1	
	Fabricated plastic products, not elsewhere classified	2	
	Games and toys (except dolls and children's vehicles)	1	
	Jewelry cases and instrument cases	1	
	Lamp shades	1	
	Ophthalmic goods: lenses and fittings	7	3,073
	Optical instruments and lenses	5	546
	Photographic apparatus and materials and projection equipment (except lenses)	12	
	Professional and scientific instruments (except surgical and dental)	1	
	Signs, advertising displays, and advertising novelties	13	
	Soda fountains, beer dispensing equipment, and related products	2	
	Surgical and medical instruments	2	
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	3	102
	CITY OF SYRACUSE		
1	Candy and other confectionery products	1	
	Cheese	4	5
	Creamery butter	2	
	Food preparations, not elsewhere classified	2	
	Ice, manufactured	2	
	Macaroni, spaghetti, vermicelli, and noodles	1	
	Meat packing, wholesale	1	
	Poultry dressing and packing, wholesale	1	
	Prepared feeds (including mineral) for animals and fowls	1	
2	Cigars	1	
	Tobacco (chewing and smoking) and snuff	3	
3	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	1	
	Knitted cloth	1	
	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	1	
4	Children's dresses—made in contract factories	1	
	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	1	
	House dresses, uniforms, and aprons—made in contract factories	1	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	2	
	Housefurnishings (except curtains, draperies, and bedspreads)	1	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	1	
	Miscellaneous fabricated textile products not elsewhere classified	2	
6	Caskets, coffins, burial cases, and other morticians' goods	1	
	Household furniture, except upholstered	1	
	Mattresses and bedsprings	3	46
	Mirror frames and picture frames	1	
	Office furniture	1	
	Partitions, shelving, cabinet work, and office and store fixtures	2	
	Public-building furniture	2	
	Upholstered household furniture	2	
	Wooden boxes except cigar boxes	1	
	Wood products not elsewhere classified	2	
7	Die-cut paper and paperboard, and converted cardboard	1	

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE ALBANY-SCHENECTADY-TROY, BUFFALO, NEW YORK CITY-NEWARK-JERSEY CITY, AND ROCHESTER INDUSTRIAL AREAS, AND FOR ALBANY, BUFFALO, NEW YORK CITY, ROCHESTER, SYRACUSE, UTICA, AND YONKERS: 1939—Continued

Group No.[1]	INDUSTRY	Number of establishments	Wage earners
	CITY OF SYRACUSE—Continued		
8	Books: printing without publishing	1	
	Books: publishing and printing	1	
	Electrotyping and stereotyping, not done in printing establishments	2	
	Engraving (steel, copperplate, and wood); plate printing	1	
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	2	
	Machine and hand typesetting (including advertisement typesetting)	1	
	Newspapers: publishing without printing	1	
	Periodicals: publishing and printing	1	
	Periodicals: publishing without printing	1	
9	Candles	4	180
	Chemicals not elsewhere classified	1	
	Cleaning and polishing preparations, blackings, and dressings	1	
	Fertilizers	1	
	Grease and tallow (except lubricating greases)	2	
	Insecticides, fungicides, and related industrial and household chemical compounds	2	
	Lubricating oils and greases—not made in petroleum refineries	1	
	Paints, varnishes, and lacquers	1	
10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	2	
11	Rubber products not elsewhere classified	1	
12	Boot and shoe cut stock and findings	1	
	Footwear (except rubber)	2	
	Saddlery, harness, and whips	1	
	Women's pocketbooks, handbags, and purses	2	
13	Gypsum products	1	
	Hotel china	1	
	Mirrors and other glass products made of purchased glass	1	
14	Automobile stampings	1	
	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	1	
	Doors, window sash, frames, molding, and trim (made of metal)	2	
	Forgings, iron and steel—made in plants not operated in connection with rolling mills	1	
	Hardware not elsewhere classified	1	
	Power boilers and associated products	2	
	Saws	1	
	Screw-machine products and wood screws	2	
	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	1	
	Steam and hot-water heating apparatus (including hot-water furnaces)	1	
	Steam fittings, regardless of material	1	
	Steel works and rolling mills	2	
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	2	
	Tin cans and other tinware not elsewhere classified	1	
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	1	
	Electroplating, plating, and polishing	1	
	Lighting fixtures	2	
	Nonferrous-metal foundries (except aluminum)	3	64
	Nonferrous-metal products not elsewhere classified	1	
	Sheet-metal work not specifically classified	1	
16	Communication equipment	1	
	Electrical products not elsewhere classified	1	
	Wiring devices and supplies	1	
17	Agricultural machinery (except tractors)	3	380
	Commercial laundry, dry-cleaning, and pressing machinery	2	
	Industrial machinery, not elsewhere classified	1	
	Internal-combustion engines	1	
	Laundry equipment, domestic	1	
	Machine-shop products, not elsewhere classified	8	48
	Machine-shop repairs	3	18
	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	9	218
	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	1	
	Mechanical power-transmission equipment	3	324
	Metalworking machinery and equipment, not elsewhere classified	3	314
	Office and store machines not elsewhere classified	2	
	Paper-mill, pulp-mill, and paper-products machinery	1	
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	1	
	Textile machinery	1	
	Woodworking machinery	2	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	3	939
20	Brooms	1	
	Hand stamps, stencils, and brands	2	
	Professional and scientific instruments (except surgical and dental)	2	
	Signs, advertising displays, and advertising novelties	2	
	Sporting and athletic goods not elsewhere classified	1	
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	1	
	CITY OF UTICA		
1	Condensed and evaporated milk	2	
	Ice cream and ices	6	42
	Ice, manufactured	3	12
	Meat packing, wholesale	3	154
	Prepared feeds (including mineral) for animals and fowls	1	
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	2	
2	Cigars	1	
	Tobacco (chewing and smoking) and snuff	1	
3	Cordage and twine	1	
	Cotton broad woven goods	3	1,781
	Cotton narrow fabrics	1	
	Cotton yarn	1	
	Dyeing and finishing cotton, rayon, silk, and linen textiles	1	
	Hosiery—seamless	1	
	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	1	
	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	1	
4	Men's and boys' hats and caps (except felt and straw)	2	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	2	
	Men's and boys' underwear—made in inside factories or by jobbers engaging contractors	2	
	Miscellaneous fabricated textile products not elsewhere classified	1	
	Textile bags—not made in textile mills	1	
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	1	
6	Mattresses and bedsprings	3	248
7	Converted paper products not elsewhere classified	2	
	Fiber cans, tubes, and similar products	1	
8	Books: printing without publishing	2	
	Electrotyping and stereotyping, not done in printing establishments	1	
	Machine and hand typesetting (including advertisement typesetting)	2	
	Newspapers: publishing and printing	3	173
9	Cleaning and polishing preparations, blackings, and dressings	2	
	Coal-tar products, crude and intermediate	1	
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	1	
	Insecticides, fungicides, and related industrial and household chemical compounds	3	5
	Rayon and allied products	1	
10	Oven coke and coke-oven byproducts	1	
12	Industrial leather belting and packing leather	1	
	Suitcases, brief cases, bags, trunks, and other luggage	1	
13	Abrasive wheels, stones, paper, cloth, and related products	1	
14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	1	
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semi-vitreous china sanitary ware)	1	
	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	2	
	Firearms	1	
	Gray-iron and semisteel castings	1	
	Power boilers and associated products	1	
	Stamped and pressed metal products (except automobile stampings)	1	
	Steam and hot-water heating apparatus (including hot-water furnaces)	1	
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	1	
	Wirework not elsewhere classified	1	

See footnote at end of table.

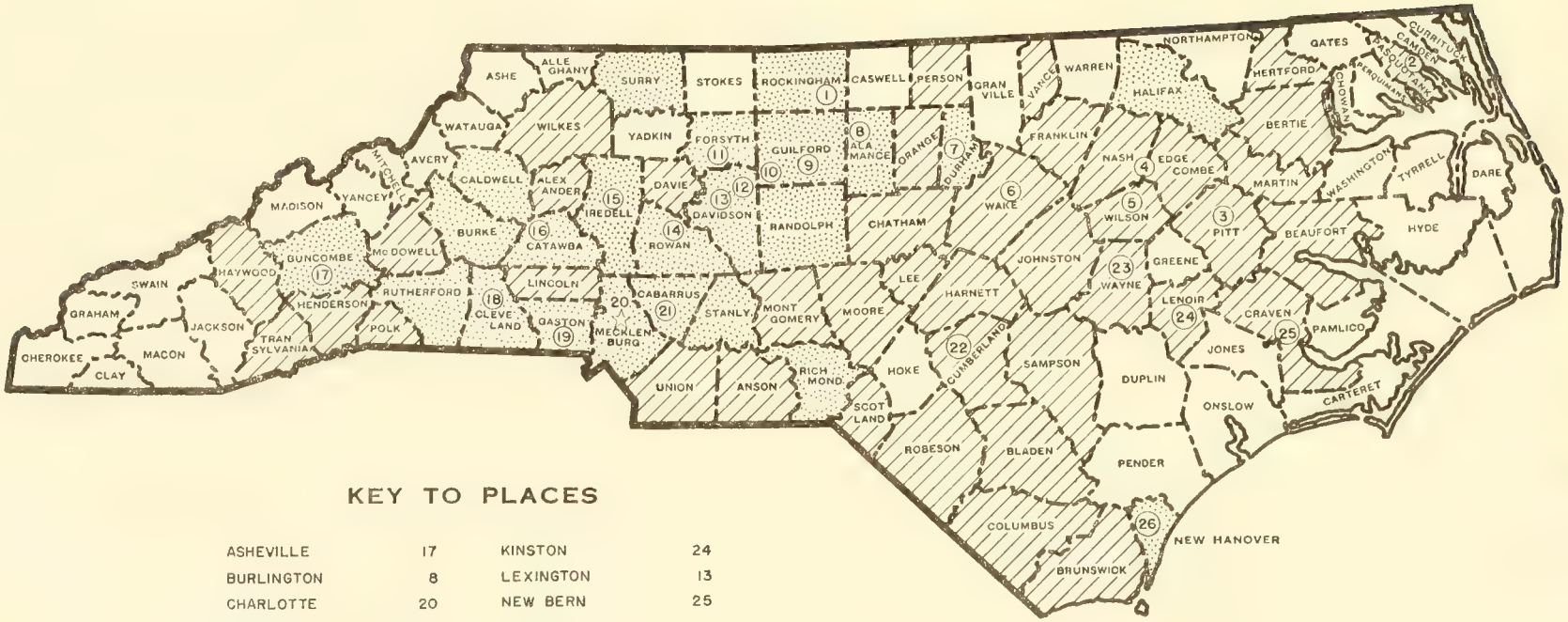
TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE ALBANY-SCHENECTADY-TROY, BUFFALO, NEW YORK CITY-NEWARK-JERSEY CITY, AND ROCHESTER INDUSTRIAL AREAS, AND FOR ALBANY, BUFFALO, NEW YORK CITY, ROCHESTER, SYRACUSE, UTICA, AND YONKERS: 1939—Continued

Group No.[1]	INDUSTRY	Number of establishments	Wage earners
	CITY OF UTICA—Continued		
15	Electroplating, plating, and polishing	1	
	Nonferrous-metal foundries (except aluminum)	1	
	Sheet-metal work not specifically classified	2	
16	Communication equipment	1	
	Electrical products not elsewhere classified	1	
17	Argicultural machinery (except tractors)	1	
	Food-products machinery	1	
	Laundry equipment, domestic	1	
	Machine-shop repairs	1	
	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	1	
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	3	180
	Textile machinery	2	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	2	
19	Motorcycles, bicycles, and parts	1	
20	Games and toys (except dolls and children's vehicles)	1	
	Organs	1	
	Signs, advertising displays, and advertising novelties	2	
	Sporting and athletic goods not elsewhere classified	2	
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	1	
	CITY OF YONKERS		
1	Cane-sugar refining	1	
	Cheese	1	
	Ice, manufactured	2	
	Liquors, rectified or blended	1	
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	3	39
3	Carpets and rugs, wool	1	
	Dyeing and finishing cotton, rayon, silk, and linen textiles	1	
	Knitted gloves	1	
4	Children's dresses—made in inside factories or by jobbers engaging contractors	1	
	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	2	
	Curtains, draperies, and bedspreads—contract factories	1	
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	3	
	House dresses, uniforms, and aprons—made in contract factories	1	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	1	
	CITY OF YONKERS—Continued		
4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	1	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	1	
	Millinery	1	
	Robes, lounging garments, and dressing gowns	1	
	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	2	
	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	1	
6	Mattresses and bedsprings	1	
	Window shades	1	
7	Paperboard containers and boxes not elsewhere classified	1	
8	Books: publishing without printing	1	
	Newspapers: publishing and printing	3	80
	Periodicals: publishing without printing	1	
	Photoengraving, not done in printing establishments (including preparation of plates)	1	
9	Drugs and medicines (including drug grinding)	4	95
13	Concrete products	2	
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	2	
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	2	
	Gray-iron and semisteel castings	2	
	Oil burners, domestic and industrial	1	
	Power boilers and associated products	1	
	Tools (except edge tools, machine tools, files, and saws)	1	
15	Sheet-metal work not specifically classified	1	
16	Automotive electrical equipment	1	
	Carbon products for the electrical industry, and manufactures of carbon or artificial graphite	1	
	Insulated wire and cable	1	
17	Commercial laundry, dry-cleaning, and pressing machinery	1	
	Elevators, escalators, and conveyors	1	
	Industrial machinery, not elsewhere classified	1	
	Machine tools	1	
20	Costume jewelry and costume novelties (jewelry other than fine jewelry)	1	
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	1	

[1] For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and of industry groups, sec. 27.

NORTH CAROLINA

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939



KEY TO PLACES

ASHEVILLE	17	KINSTON	24
BURLINGTON	8	LEXINGTON	13
CHARLOTTE	20	NEW BERN	25
CONCORD	21	RALEIGH	6
DURHAM	7	REIDSVILLE	1
ELIZABETH CITY	2	ROCKY MOUNT	4
FAYETTEVILLE	22	SALISBURY	14
GASTONIA	19	SHELBY	18
GOLDSBORO	23	STATESVILLE	15
GREENSBORO	9	THOMASVILLE	12
GREENVILLE	3	WILMINGTON	26
HICKORY	16	WILSON	5
HIGH POINT	10	WINSTON-SALEM	11

UNDER 500 WAGE EARNERS

500 TO 2,499 WAGE EARNERS

2,500 OR MORE WAGE EARNERS

○ PLACES OF 10,000 TO 99,999 POPULATION

☆ PLACES OF 100,000 OR MORE POPULATION

Prepared by the Bureau of the Census, Department of Commerce

NORTH CAROLINA

Table 1.—SUMMARY FOR THE STATE: 1939, 1937, AND 1929

Census year	Number of establishments	Proprietors and firm members	Number of persons employed in manufacturing [1]	Salaries and wages [1]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2]	Value of products [2]	Value added by manufacture [3]
1939	3,225	2,022	285,674	$233,559,434	$875,377,289	$1,421,329,578	$545,952,289
1937	2,896	1,645	271,910	248,315,399	908,903,243	1,384,737,686	475,834,443
1929	3,731	2,526	220,945	191,295,033	608,341,323	1,291,912,426	683,571,103

[1] Figure for 1939 does not include data for employees of manufacturing establishments (except salaried officers of corporations) who were engaged in distribution, construction and other nonmanufacturing work. For detail, see table 8. It is not known to what extent data for such nonmanufacturing employees were included in figures reported for earlier years. See General Explanations. Persons engaged, general classification.

[2] The aggregates for cost of materials, etc., and value of products include large amounts of duplication due to the use of the products of some industries as materials by others. See General Explanations. Duplication in cost of materials and value of products.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See General Explanations. Value added by manufacture.

Table 2.—SUMMARY FOR COUNTIES AND PLACES: 1939

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2,3]	Value of products [2,3]	Value added by manufacture [4]
The State	3,571,623	[5] 3,225	270,207	$199,289,500	$875,377,289	$1,421,329,578	$545,952,289
COUNTIES [5]							
Alamance	57,427	101	13,255	11,306,122	23,776,800	44,939,768	21,162,968
Alexander	13,454	16	640	347,330	962,516	1,628,947	666,431
Alleghany	8,341	4	30	10,200	9,075	27,980	18,905
Anson	28,443	24	1,026	594,739	1,809,419	2,998,547	1,189,128
Ashe	22,664	9	73	37,545	196,354	285,165	88,811
Avery	13,561	8	132	59,136	75,304	199,051	123,747
Beaufort	36,431	22	650	342,461	1,101,493	2,067,334	965,841
Bertie	26,201	12	507	212,078	319,203	697,423	378,220
Bladen	27,156	24	1,321	672,475	1,480,053	2,586,649	1,106,596
Brunswick	17,125	19	531	304,323	1,615,281	2,563,885	948,604
Buncombe	108,755	73	6,709	6,608,254	9,574,884	29,573,164	19,998,280
Burke	38,615	49	5,688	4,417,302	9,034,759	17,884,217	8,849,458
Cabarrus [6]	59,393	46	21,066				
Caldwell	35,795	53	5,082	3,701,178	9,245,577	16,919,015	7,673,438
Camden [6]	5,440	1					
Carteret	18,284	20	463	244,420	527,131	1,171,761	644,630
Caswell	20,032	7	111	70,552	199,342	334,413	135,071
Catawba	51,653	120	8,805	6,076,137	13,868,057	24,764,653	10,896,596
Chatham	24,726	50	1,508	953,925	2,713,316	4,702,287	1,988,971
Cherokee	18,813	9	296	145,545	326,394	650,495	324,101
Chowan	11,572	12	368	178,896	512,572	893,791	381,219
Clay [6]	6,405	3	118				
Cleveland	58,055	55	6,643	4,449,773	12,229,094	22,163,211	9,934,117
Columbus	45,663	36	813	363,634	1,179,272	2,156,327	977,055
Craven	31,298	32	1,121	673,903	1,802,427	3,356,623	1,554,196
Cumberland	59,320	45	2,077	1,352,086	3,825,651	6,684,795	2,859,144
Currituck [6]	6,709	2					
Dare	6,041	3	26	14,847	12,596	39,997	27,401
Davidson	53,377	63	8,386	5,597,661	13,539,297	23,772,059	10,232,762
Davie [6]	14,909	11	1,201				
Duplin	39,739	22	437	190,126	500,299	948,591	448,292
Durham [6]	80,244	75	8,165				
Edgecombe	49,162	26	1,040	597,990	2,010,388	3,686,024	1,675,636
Forsyth [6]	126,475	114	21,073				
Franklin	30,382	12	537	270,032	773,781	1,738,407	964,626
Gaston	87,531	134	19,698	13,564,998	33,904,547	59,554,241	25,649,694
Gates	10,060	5	42	20,329	59,586	88,345	28,759
Graham [6]	6,418	1					
Granville	29,344	12	313	183,962	498,206	906,136	407,930
Greene [6]	18,548	3	11				
Guilford	153,916	252	25,176	19,607,164	49,264,883	88,993,154	39,728,271
Halifax	56,512	33	4,566	3,488,734	6,401,604	12,838,357	6,436,753
Harnett [6]	44,239	38	2,370				
Haywood	34,804	26	2,152	2,369,491	8,436,809	16,664,107	8,227,298
Henderson	26,049	14	1,380	934,497	1,562,283	3,428,886	1,866,603
Hertford	19,352	13	601	306,724	461,037	1,129,575	668,538
Hoke	14,937	8	278	116,747	492,578	657,762	165,184
Hyde [6]	7,860	1					
Iredell	50,424	84	5,890	4,278,756	12,126,313	19,437,879	7,311,566
Jackson	19,366	10	367	254,341	1,617,154	2,624,362	1,007,208
Johnston	63,798	27	998	538,523	1,645,628	2,839,317	1,193,689
Jones [6]	10,926	1					
Lee	18,743	36	892	557,537	1,554,162	3,275,420	1,721,258
Lenoir	41,211	22	967	485,143	1,362,062	2,483,064	1,121,002
Lincoln	24,187	31	2,147	1,351,190	2,898,740	5,411,794	2,513,054

See footnotes at end of table.

TABLE 2.—SUMMARY FOR COUNTIES AND PLACES: 1939—Continued

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
COUNTIES [5]—continued							
Macon	15,880	8	77	$50,008	$132,029	$250,765	$118,736
Madison	22,522	8	65	30,485	73,645	125,511	51,866
Martin	26,111	15	559	474,085	1,720,002	3,065,700	1,345,698
McDowell	22,996	26	2,467	1,605,150	3,500,482	6,811,828	3,311,346
Mecklenburg	151,826	185	12,067	10,543,930	29,761,825	55 734 658	25,972,833
Mitchell	15,980	12	415	314,256	643,973	1,460,469	816,496
Montgomery	16,280	33	1,330	710,838	1,463,350	3,007,158	1,543,808
Moore	30,969	45	1,618	1,058,647	3,324,601	4,995 469	1,670,868
Nash	55,608	26	1,366	913,012	3,671,684	5,747,549	2,075,865
New Hanover	47 935	61	2,606	1,775,191	8,488,983	17,609,593	9,120,610
Northampton	28,299	13	245	109,453	149,417	419,117	269,700
Onslow	17,939	9	148	84,221	124,381	277,306	152,925
Orange	23,072	19	880	561,863	900,051	1,935,154	1,035,103
Pamlico	9,706	5	17	6,617	37,380	74,324	36,944
Pasquotank	20,568	28	1,639	1,001,046	1,782,386	4,189,840	2,407,454
Pender	17,710	14	226	93,810	139,013	324,521	185,508
Perquimans	9,773	8	230	132,301	379,176	742,986	363,810
Person [6]	25,029	23	1,776				
Pitt	61,244	36	598	349,375	1,854,148	3,244,256	1,390,108
Polk	11,874	8	535	347,190	890,034	1,541,618	651,584
Randolph	44,554	67	5 862	4,511,511	9,284,533	16,351,314	7,066,781
Richmond	36,810	31	4,030	2,455,977	5,474,490	9,621,673	4,147,183
Robeson	76,860	30	1,286	758,505	2,099,972	3,428,204	1,328,232
Rockingham [6]	57,898	45	7,806				
Rowan	69,206	64	5,812	4,182,618	9,927,370	20,064,357	10,136,987
Rutherford	45,577	33	5,115	3,332,800	9,066,419	15,826,569	6,760,150
Sampson	47 440	39	598	272,759	718,173	1,359,596	641,423
Scotland	23,232	23	1,826	966,764	4,621,834	6,383,401	1,761 567
Stanly	32,834	36	4,835	3,825,895	9,032,414	20,737,953	11,705,539
Stokes	22,656	7	186	122,002	169,903	577,010	407,107
Surry	41,783	33	4,824	3,531,284	8,811,211	14,948,508	6,137,297
Swain	12,177	5	163	88 686	146,229	359,746	213,517
Transylvania	12,241	13	901	682,206	2,185,438	3,746,153	1,560,715
Tyrrell	5,556	6	80	26,531	34,835	91,516	56,681
Union	39,097	32	969	607,690	1,767,135	3,827,587	2,060,452
Vance	29,961	22	1,658	742,247	2,828,051	4,462,164	1,634,113
Wake	109,544	93	2,088	1,453,146	4,287,718	8,705,526	4,417,808
Warren	23,145	18	344	171,337	693,239	1,201,163	507,924
Washington	12,323	6	277	161,219	246,080	531,515	285,435
Watauga	18,114	5	49	20,059	24,276	80,034	55,758
Wayne	58,328	35	1,833	1,017,711	3,064,664	5,805,551	2,740,887
Wilkes	43,003	30	2,082	1,431,241	3,958,670	6,937,751	2,979,081
Wilson	50,219	30	596	389,498	2,107,036	3,396,724	1,289,688
Yadkin	20 657	5	85	36,892	110,020	214,297	104,277
Yancey	17,202	6	90	41,013	146,593	310,874	164,281
Undistributed [7]		364	63,788	50,417,625	500,028,499	721,035,592	221,007,093
PLACES HAVING 10,000 OR MORE INHABITANTS							
Asheville	51,310	40	1,068	787,143	3,035,883	5,711,983	2,676,100
Burlington	12,198	48	6,119	5,539,016	11,076,222	21,007,234	9,931,012
Charlotte	100,899	149	9,040	8,554,216	23,830,679	45,331,468	21,500,789
Concord [8]	15,572	29	4,572				
Durham [8]	60,195	65	7,991				
Elizabeth City	11,564	14	339	187,925	402,782	1,198,636	795,854
Fayetteville	17,428	27	634	55,681	1,370,228	2,608,701	1,238,473
Gastonia	21,313	45	4,395	3,222,723	8,251,990	14,535,507	6,283,517
Goldsboro	17,274	22	1,477	885,636	2,478,465	4,706,611	2,228,146
Greensboro	59,319	99	11,210	8,919,484	25,249,577	43,285,153	18,035,576
Greenville	12,674	19	404	244,253	1 499,954	2,647,007	1,147,053
Hickory	13,487	49	4,379	2,897,644	6,191,428	11,887,369	5,695,941
High Point	38,495	120	11,919	9,283,996	20,489,013	38,814,175	18,325,162
Kinston	15,388	20	940	467,247	1,305,419	2,397,933	1,092,514
Lexington	10,550	23	1,958	1,200,937	2,679,660	4,900,482	2,220,822
New Bern	11,815	23	866	547,227	1,418,530	2,710,285	1,291,755
Raleigh	46,897	46	1,405	1,136 635	3,202,217	6,826,137	3,623,920
Reidsville [8]	10,387	15	1,908				
Rocky Mount	25,568	28	1,241	878,790	4,342,758	6,808,878	2,466,120
Salisbury	19,037	35	2,206	1,660,077	4,546,347	8,953,064	4,406,717
Shelby	14,037	28	2,526	1,683,432	5,813,574	9,929,764	4,116,190
Statesville	11,440	38	2,145	1,450,742	5,342,321	8,074,117	2,731,796
Thomasville	11,041	23	4,260	2,992,371	6,884,432	12,765,921	5,881,489
Wilmington	33,407	45	1,336	886,537	4,343,635	7,568,576	3,224,941
Wilson [8]	19,234	27	486				
Winston-Salem [8]	79,815	90	19,214				

[1] Not including salaried officers and employees nor nonmanufacturing wage earners. The figure for each county or place is an average of the numbers reported for the several months of the year. In calculating it, equal weight must be given to full-time and to part-time wage earners (not reported separately by the manufacturers), and for this reason it exceeds the number that would have been required to perform the work done in the industries if all wage earners had been continuously employed throughout the year. The quotient obtained by dividing the amount of wages by the average number of wage earners cannot, therefore, be accepted as representing the average wage received by full-time wage earners. Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several counties do not add exactly to the average for the State. In making comparisons between the figures for 1939 and those for earlier years, the possibility that the proportion of part-time employment varied from year to year should be taken into account.

[2] Profits and losses cannot be calculated from the census figures because no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, and advertising.

[3] See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

[5] For numbers of establishments by "Industry groups," see table 10.

[6] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Undistributed" figures.

[7] The "Undistributed" figure for number of establishments and a part of the "Undistributed" figure for number of wage earners are included above in the items for the respective counties. The sums of the figures in these two columns are, therefore, larger than the corresponding State totals.

[8] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments.

TABLE 3.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, BY SEX: 1939 AND 1929

[[illegible] the [illegible] data in the [illegible] number of employees in manufacturing establishments, including those engaged wholly or chiefly in [illegible] It is not known to what extent data for such employees were included in the figures reported for earlier years. [illegible] employees receiving pay at any time within the *normal* pay-roll period ended nearest Oct. 14, 1939, and for such employees [illegible] on Dec. 14, 1929, or on the nearest *representative* date. The total for "Wage earners engaged in manufacturing" is not identical with the average for the year [illegible], and differs from the number reported for October 1939 or for December 1929, because for both years some manufacturers gave wage-earner [illegible] specified. See GENERAL EXPLANATIONS—Persons engaged—selected classification]

CLASS AND SEX	1939 (Oct. 14)	1929 (Dec. 14)[1]
All officers, employees[2]	309,839	220,846
Male	204,810	154,405
Female	105,029	66,441
Salaried officers and employees, total	24,107	16,182
Male	19,652	14,081
Female	4,455	2,101
Salaried officers [illegible] proprietors, total	2,557	2,323
Male	2,405	2,242
Female	152	81
All other employees, except wage earners, in manufacturing, total	21,550	13,859
Male	17,247	11,839
Female	4,303	2,020
Salaried officers and employees, total—Continued.		
All other employees, etc.—Continued.		
Engaged in manufacturing:		
Male	9,[illegible]83	
Female	3,327	
Engaged in distribution:		
Male	6,265	
Female	857	
Engaged in construction:		
Male	936	
Engaged in other work:		
Male	463	
Female	119	
Wage earners engaged in manufacturing, total	285,732	204,664
Male	185,158	140,324
Female	100,574	64,340

[1] See headnote.
[2] Figures do not include data for 2,022 proprietors and firm members for 1939 and 2,526 for 1929, which were not reported by sex for 1939.
[3] No data.

TABLE 4.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS: 1939, 1937, AND 1929

[The figures for 1939 relate to wage earners engaged in manufacturing only. It is not known to what extent the figures for earlier years include data for nonmanufacturing wage earners. See headnote to table 3]

CENSUS YEAR	Average number employed during year[1]	NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH—											
		January	February	March	April	May	June	July	August	September	October	November	December
1939	270,207	259,937	262,334	266,209	266,725	262,491	261,740	264,962	271,248	276,816	281,681	284,829	283,514
1937	258,771	258,402	262,337	265,273	267,116	264,640	262,211	258,363	260,570	258,835	255,555	249,628	242,320
1929	204,763	201,545	203,569	206,226	207,457	204,515	202,907	201,072	203,920	206,961	208,352	206,964	203,676

[1] See GENERAL EXPLANATIONS—Wage earners and wages.

TABLE 5.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY NUMBER OF WAGE EARNERS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR)[1]		VALUE OF PRODUCTS	VALUE ADDED BY MANUFACTURE[2]
	1939	1929	1939	1929	1939	1939
All establishments	3,225	3,731	270,207	204,763	$1,421,329,578	$545,952,289
No wage earners	28	35	..	..	540,567	284,285
1 to 5	915	1,891	2,701	7,010	21,509,766	10,888,169
6 to 20	954	696	10,680	8,087	53,579,198	24,994,952
21 to 50	439	370	14,054	12,513	65,089,889	27,398,605
51 to 100	275	246	21,535	18,312	84,990,642	41,123,618
101 to 250	341	315	56,187	51,610	189,996,393	83,285,601
251 to 500	179	116	60,501	40,702	172,797,541	82,499,497
501 to 1,000	61	40	41,376	25,890	140,943,341	65,802,978
1,001 to 2,500	30	19	[3] 63,173	22,836	[3] 691,882,241	[3] 209,674,584
2,501 or more	3	3		17,803		

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Combined to avoid disclosing data for individual establishments.

TABLE 6.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY VALUE OF PRODUCTS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
All establishments	3,225	3,731	270,207	204,763	$1,421,329,578	$1,291,912,426	$545,952,289	$683,571,103
$5,000 to $19,999	1,003	1,669	5,540	6,520	10,978,971	15,419,354	6,607,559	9,750,878
$20,000 to $49,999	570	543	6,128	4,909	18,489,311	17,228,029	9,908,211	9,439,047
$50,000 to $99,999	402	372	8,348	5,912	28,619,410	56,245,847	14,034,596	43,436,742
$100,000 to $249,999	484	422	22,906	17,173	79,054,769	69,327,740	36,609,174	32,593,450
$250,000 to $499,999	318	310	36,227	28,625	112,239,303	111,925,292	51,128,270	46,639,509
$500,000 to $999,999	251	239	53,585	41,077	176,051,007	168,223,544	81,069,171	68,740,253
$1,000,000 to $2,499,999	141	127	61,178	46,761	205,190,498	185,050,359	93,756,633	75,052,460
$2,500,000 to $4,999,999	32	32	29,756	20,972	108,564,955	109,629,266	46,218,870	42,317,518
$5,000,000 and over	24	17	46,539	32,814	682,141,354	558,862,995	206,619,805	355,601,246

[1] See headnotes to tables 3 and 4.

[2] See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 7.—ESTABLISHMENTS CLASSIFIED AS UNDER CORPORATE OR OTHER FORM OF OWNERSHIP (OR CONTROL) AND AS UNDER CENTRAL-ADMINISTRATIVE-OFFICE OR INDEPENDENT OPERATION: 1939 AND 1929

TYPE OF OWNERSHIP OR CONTROL, AND OF OPERATION	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
Total	3,225	3,731	270,207	204,763	$1,421,329,578	$1,291,912,426	$545,952,289	$683,571,103
TYPE OF OPERATION								
1939 [3]								
Corporate ownership or control:								
Central-administrative-office (plural-unit)	698	(3)	152,378	(3)	1,040,973,215	(3)	360,222,081	(3)
Independent (single-unit)	1,066	(3)	95,875	(3)	310,009,138	(3)	151,663,419	(3)
Noncorporate ownership:								
Central-administrative-office (plural-unit)	117	(3)	3,235	(3)	12,481,657	(3)	6,076,634	(3)
Independent (single-unit)	1,344	(3)	18,719	(3)	57,865,568	(3)	27,990,155	(3)
1939 AND 1929 [3]								
Central-administrative-office (plural-unit), corporate and noncorporate	815	435	155,613	79,536	1,053,454,872	802,929,566	366,298,715	469,862,048
Independent (single-unit), corporate and noncorporate	2,410	3,296	114,594	125,227	367,874,706	488,982,860	179,653,574	213,709,055
TYPE OF OWNERSHIP OR CONTROL								
Corporate	1,764	1,614	248,253	185,030	1,350,982,353	1,221,379,133	511,885,500	648,497,056
Noncorporate, total	1,461	2,117	21,954	19,733	70,347,225	70,533,293	34,066,789	35,074,047
Individual	1,004	(4)	11,765	(4)	36,782,866	(4)	17,930,341	(4)
Partnership	450	(4)	9,920	(4)	32,731,549	(4)	15,775,039	(4)
Cooperative	2	(5)	269		832,810		361,409	
Other	5							

[1] See headnotes to tables 3 and 4.

[2] See GENERAL EXPLANATIONS—Value added by manufacture.

[3] Because of changes in the questionnaire, no comparable figures for 1929 can be given for the first section of this table. For this reason, the items have been regrouped under "1939 and 1929" to present comparable figures so far as this can be done.

[4] No data.

[5] Figures for 1939 combined to avoid disclosing data for individual establishments; no data for 1929.

TABLE 8.—GENERAL STATISTICS FOR

[This table presents separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments, given, however, reported larger numbers of wage earners or

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [3]	Manufacturing: Salaried employees [3]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
1		All industries, total	3,225	2,022	294,314	2,557	12,910	270,207	7,122	936	582
2	17	Agricultural machinery (except tractors)	10	7	379	16	38	310	15		
3	13	Asbestos products (except steam packing and pipe and boiler covering)	3		450	5	27	401	17		
4	6	Baskets for fruits and vegetables	7	3	1,022	7	32	970	7	6	
5	3	Batting, padding, and wadding; upholstery filling	3	1	222	6	20	191	5		
6	8	Bookbinding and related industries	4	3	120	2	13	98	7		
7	8	Books: printing without publishing	3		79	8	17	40	14		
8	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	98	99	2,822	34	199	2,370	183	4	32
9	13	Brick and hollow structural tile	41	34	1,576	30	65	1,430	49	1	1
10	20	Brooms	9	15	88		6	75	7		
11	1	Candy and other confectionery products	13	8	882	6	41	644	178	4	9
12	1	Canned and dried fruits and vegetables (including canned soups)	8	3	179	2	13	164			
13	1	Canned fish, crustacea, and mollusks	4	9	112	1	7	104			
14	1	Canvas products (except bags)	4	6	45		6	26	13		
15	6	Caskets, coffins, burial cases, and other morticians' goods	12	8	270	15	27	213	15		
16	2	Cigarettes	10		17,417	15	658	15,375	1,222	25	122
17	13	Concrete products	14	5	285	15	24	227	19		
18	3	Cordage and twine	9		1,067	16	66	985			
19	3	Cotton broad woven goods	128	13	72,985	192	2,104	70,115	214	245	115
20	3	Cotton narrow fabrics	10	4	421	14	26	379	2		
21	9	Cottonseed oil, cake, meal, and linters	37	1	963	36	130	742	47	3	5
22	3	Cotton thread	5		1,004	9	69	846	80		
23	3	Cotton yarn	198	16	39,792	315	945	38,455	53	16	8
24	1	Creamery butter	11	7	78	6	16	34	22		
25	4	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	3		353	2	11	337	3		
26	9	Drugs and medicines (including drug grinding)	14	6	458	16	44	249	148		1
27	3	Dyeing and finishing cotton, rayon, silk, and linen textiles	20	6	3,854	30	380	3,416	22	6	
28	6	Excelsior	4	6	93		8	75	1	2	7
29	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	9	4	404	19	72	290	23		
30	9	Fertilizers	70	16	2,352	38	208	1,923	165	8	10
31	9	Fish and other marine oils, cake, and meal	8	7	106	8	6	92			
32	1	Flour and other grain-mill products	118	125	1,015	43	100	682	174	1	15
33	8	General commercial (job) printing	100	90	967	49	111	759	48		
34	14	Gray-iron and semisteel castings	20	23	353	8	31	304	10		
35	3	Hosiery—full-fashioned	75	18	21,255	113	628	20,347	123	16	28
36	3	Hosiery—seamless	174	113	23,323	166	740	22,317	72	9	19
37	6	Household furniture, except upholstered	91	35	14,517	139	703	13,363	261	51	
38	1	Ice cream and ices	41	24	703	17	86	259	308	21	12
39	1	Ice, manufactured	136	79	924	38	108	367	393	2	16
40	12	Industrial leather belting and packing leather	4		41	7	9	23	2		
41	9	Insecticides, fungicides, and related industrial and household chemical compounds	6	5	66	5	4	24	33		
42	3	Jute goods (except felt)	3		497	7	14	470	6		
43	3	Knitted cloth	3		405	2	11	391	1		
44	3	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	3	4	521	4	29	485	3		
45	3	Knitted underwear	8		3,361	16	109	3,149	87		
46	12	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	8		1,031	5	85	937	4		
47	8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	7	3	118	6	18	84	10		
48	5	Logging camps and logging contractors (not operating sawmills)	19	20	285		4	279	2		
49	17	Machine-shop products not elsewhere classified	22	17	477	18	58	346	52		3
50	17	Machine-shop repairs	35	37	350	6	38	284	22		
51	6	Mattresses and bedsprings	16	15	345	9	12	280	44		
52	1	Meat packing, wholesale	14	13	297	5	34	211	43		4
53	4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	6	2	1,175	10	24	1,116	25		
54	13	Minerals and earths, ground or otherwise treated	16	3	470	12	45	407	2	4	
55	13	Mirrors and other glass products made of purchased glass	9	2	339	17	22	298	2		
56	20	Miscellaneous fabricated products not elsewhere classified	3	6	29	1	1	27			
57	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	23	15	610	18	41	500	49	2	
58	18	Motor vehicles, motor-vehicle bodies, parts and accessories	9	6	434	11	30	376	17		
59	8	Newspapers: publishing and printing	131	116	2,504	89	743	1,184	488		
60	8	Newspapers: publishing without printing	6	7	16	3	9	2	2		
61	1	Nonalcoholic beverages	154	91	2,364	154	188	797	1,190	8	27
62	6	Office furniture	3		556	9	23	507	17		
63	9	Paints, varnishes, and lacquers	4		103	11	21	49	22		
64	7	Paper and paperboard mills	7		1,489	11	165	1,100	16	161	36
65	7	Paperboard containers and boxes not elsewhere classified	21	3	964	21	46	853	43		1
66	6	Partitions, shelving, cabinet work, and office and store fixtures	6	1	234	10	16	192	16		
67	8	Periodicals: publishing and printing	6	1	42	5	9	26	2		
68	8	Periodicals: publishing without printing	6	2	40	5	33		2		
69	8	Photoengraving, not done in printing establishments (including preparation of plates	7	4	86	4	13	62	7		
70	1	Pickled fruits and vegetables and vegetable sauces and seasonings	7	10	213	4	15	181	13		
71	5	Planing mills not operated in conjunction with sawmills	155	139	4,005	85	286	3,486	120	12	16

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and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures are larger values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [3]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
246,834,206	12,481,235	21,788,699	199,289,500	11,432,445	1,194,862	647,465	875,377,289	848,938,004	7,766,078	14,332,453	4,340,754	1,421,329,578	545,952,289	1
440,185	96,297	56,630	259,957	27,301	-	-	393,564	354,693	14,867	9,004	15,000	1,098,772	705,208	2
(5)	(5)	(5)	(5)	(5)	-	-	(5)	(5)	(5)	(5)	-	(5)	(5)	3
579,344	20,602	39,397	498,095	14,050	7,200	-	580,060	562,696	1,235	16,129	-	1,339,934	759,874	4
234,146	32,200	35,421	131,336	35,189	-	-	695,301	676,709	6,402	12,190	-	1,095,275	399,974	5
108,949	7,300	17,049	72,598	12,002	-	-	82,856	79,413	330	1,742	1,371	251,233	168,377	6
(5)	(5)	(5)	(5)	(5)	-	-	(5)	(5)	(5)	(5)	(5)	(5)	(5)	7
2,994,613	153,166	294,679	2,281,374	229,236	3,923	32,235	5,901,469	5,656,464	153,770	91,235	-	12,704,304	6,802,835	8
1,176,042	141,606	91,259	858,419	81,238	2,270	1,250	1,151,549	250,362	771,454	129,083	650	3,862,387	2,710,838	9
54,344	-	8,125	42,957	3,262	-	-	113,440	112,108	184	1,148	-	194,278	80,838	10
728,935	41,600	57,118	490,294	128,707	5,200	6,016	1,618,551	1,581,304	26,816	10,431	-	3,880,091	2,261,540	11
(5)	(5)	(5)	(5)	-	-	-	(5)	(5)	(5)	(5)	-	(5)	(5)	12
22,001	1,800	1,535	18,666	-	-	-	77,437	75,060	2,057	320	-	119,156	41,719	13
44,132	-	8,030	24,011	12,091	-	-	135,537	134,191	506	840	-	277,720	142,183	14
276,794	43,480	44,804	160,004	28,506	-	-	480,177	471,770	4,925	3,482	-	875,064	394,887	15
18,593,292	295,600	1,666,195	13,878,525	2,500,026	107,046	145,900	414,858,630	414,265,852	471,744	121,034	-	532,439,765	117,581,135	16
262,728	40,884	32,248	155,703	30,046	3,847	-	446,065	435,974	3,258	6,833	-	1,122,901	676,836	17
(5)	(5)	(5)	(5)	-	-	-	(5)	(5)	(5)	(5)	-	(5)	(5)	18
56,229,936	1,267,881	3,582,006	50,744,204	332,134	186,224	117,487	99,625,841	93,003,541	1,619,173	5,002,029	1,098	217,454,862	117,829,021	19
434,637	73,470	37,842	318,025	5,300	-	-	666,617	641,725	9,136	15,756	-	1,388,898	722,281	20
687,128	73,360	185,004	359,408	64,074	2,636	2,646	5,187,685	4,969,822	82,786	116,270	18,807	6,077,025	889,340	21
798,434	36,404	85,880	546,658	129,492	-	-	3,297,468	3,239,720	33,864	23,884	-	5,172,714	1,875,246	22
26,210,949	1,161,990	1,520,744	23,372,902	136,533	10,180	8,600	55,181,879	50,492,846	477,366	3,793,767	417,900	100,191,764	45,009,885	23
79,126	12,128	17,366	30,255	19,377	-	-	544,376	527,676	4,853	11,847	-	660,862	116,486	24
(5)	(5)	(5)	(5)	(5)	-	-	(5)	(5)	(5)	(5)	-	(5)	(5)	25
744,123	154,258	99,865	251,130	238,059	-	811	1,141,234	1,124,339	5,002	11,893	-	3,828,730	2,687,496	26
3,591,898	201,529	636,931	2,632,016	96,388	25,034	-	9,932,854	9,401,756	398,488	132,610	-	17,065,910	7,133,056	27
58,209	-	13,450	32,439	3,120	2,860	6,340	157,149	142,986	7,746	6,417	-	271,526	114,377	28
618,949	115,393	137,049	305,699	60,808	-	-	1,908,151	1,837,911	2,931	11,283	56,026	3,013,329	1,105,178	29
1,772,824	123,973	295,233	1,025,963	312,092	5,427	10,136	12,541,820	12,395,361	15,883	128,440	2,136	17,855,023	5,313,203	30
121,798	45,400	7,487	68,911	-	-	-	341,304	300,062	39,646	1,596	-	660,003	318,699	31
957,736	111,723	136,973	480,324	220,210	382	8,124	10,069,563	9,856,225	32,562	180,776	-	12,261,290	2,191,727	32
1,187,931	155,267	149,478	806,104	77,082	-	-	1,204,619	1,125,633	8,482	33,790	36,714	3,185,388	1,980,769	33
343,253	12,980	48,496	266,149	15,628	-	-	271,380	236,083	24,317	8,816	2,164	765,381	494,001	34
23,451,548	907,382	1,337,028	20,810,406	352,830	23,885	20,017	26,630,664	24,852,582	157,683	484,323	1,136,076	57,889,291	31,258,627	35
17,468,694	792,847	1,075,252	15,446,719	124,095	8,685	21,096	26,989,391	25,309,091	251,535	313,496	1,115,269	52,047,145	25,057,754	36
12,032,776	719,373	1,200,016	9,385,798	690,919	36,670	-	18,999,074	18,554,452	160,756	281,814	2,052	39,137,491	20,138,417	37
846,958	92,073	120,198	230,183	360,178	30,409	13,917	2,241,046	2,122,185	25,473	92,842	546	4,479,517	2,238,471	38
742,115	93,455	134,535	282,027	220,116	1,900	10,082	560,102	131,715	113,317	315,070	-	2,587,336	2,027,234	39
68,324	17,855	12,176	29,293	9,000	-	-	413,076	411,267	670	1,139	-	583,454	170,378	40
51,788	19,286	5,290	12,505	14,707	-	-	111,748	109,905	1,425	418	-	322,071	210,323	41
(5)	(5)	(5)	(5)	(5)	-	-	(5)	(5)	(5)	(5)	-	(5)	(5)	42
249,139	1,500	18,503	228,236	900	-	-	961,883	921,546	10,733	29,604	-	1,323,171	361,288	43
(5)	(5)	(5)	(5)	(5)	-	-	(5)	(5)	(5)	(5)	-	(5)	(5)	44
2,477,418	150,781	197,808	2,005,419	123,410	-	-	4,346,965	4,249,354	55,585	13,503	28,523	8,384,099	4,037,134	45
926,067	17,128	139,498	761,431	8,010	-	-	6,810,160	6,638,557	122,628	31,098	17,877	9,205,534	2,395,374	46
122,826	19,175	23,642	66,752	13,257	-	-	115,043	112,228	457	2,158	200	335,102	220,059	47
117,757	-	7,583	109,214	960	-	-	259,012	263,148	9,575	-	46,289	470,806	211,794	48
589,971	102,299	95,392	351,154	38,482	2,644	-	496,197	474,122	9,046	13,029	-	1,407,742	911,545	49
388,540	17,739	50,963	287,328	32,510	-	-	479,489	462,284	4,500	12,647	58	1,170,431	690,942	50
324,228	33,810	16,941	185,783	85,840	-	1,854	694,103	684,080	1,503	8,520	-	1,221,437	527,334	51
254,710	11,380	63,159	124,751	52,950	390	2,080	2,391,163	2,361,972	9,548	19,643	-	2,863,448	472,285	52
616,370	49,858	43,834	496,793	25,885	-	-	1,204,109	1,193,241	1,320	9,548	-	2,282,859	1,078,750	53
325,331	33,014	59,683	228,915	2,284	1,435	-	555,972	494,333	22,073	37,763	1,803	1,323,729	767,757	54
329,099	67,503	30,260	225,696	5,640	-	-	1,368,068	1,349,347	10,651	8,070	-	1,838,562	470,494	55
16,368	1,500	311	14,557	-	-	-	19,636	18,625	36	975	-	59,777	40,141	56
612,992	55,926	60,816	457,655	34,995	3,600	-	448,282	386,249	8,498	45,990	7,545	1,501,824	1,053,542	57
421,224	32,175	51,336	310,149	27,564	-	-	1,111,566	1,096,946	2,896	10,224	1,500	1,740,054	628,488	58
3,839,286	427,772	1,174,317	1,571,391	665,806	-	-	2,319,972	2,115,333	69,233	101,663	33,743	9,302,245	6,982,273	59
12,490	5,104	4,686	1,500	1,200	-	-	20,251	1,544	61	599	18,047	47,236	26,985	60
3,238,001	688,237	319,302	675,631	1,511,204	9,052	34,575	7,459,099	7,304,811	49,118	101,220	3,950	17,317,174	9,858,075	61
511,010	79,800	43,011	351,805	36,394	-	-	802,621	782,189	5,533	11,906	2,993	1,544,321	741,700	62
212,494	49,468	37,938	51,340	73,748	-	-	880,188	873,832	3,655	2,701	-	1,590,274	710,086	63
1,985,199	120,895	300,368	1,208,599	46,176	251,818	57,343	4,734,316	4,165,124	452,125	117,067	-	9,627,226	4,892,910	64
1,043,873	163,222	93,860	698,974	87,354	203	260	2,393,942	2,354,735	18,543	20,664	-	4,500,404	2,106,462	65
298,744	29,462	18,897	210,400	39,985	-	-	222,490	214,117	2,055	6,318	-	695,090	472,600	66
63,431	14,880	16,000	30,121	2,430	-	-	34,972	30,643	1,017	2,491	821	113,567	78,595	67
69,218	18,787	45,929	-	4,502	-	-	89,291	6,377	310	183	82,421	277,512	188,221	68
167,046	10,920	24,785	121,732	9,609	-	-	54,041	46,698	1,682	4,156	1,505	288,634	234,593	69
135,112	12,800	20,776	74,700	26,836	-	-	630,422	623,809	4,286	2,327	-	1,026,810	396,388	70
3,046,445	285,486	370,466	2,237,432	135,205	9,388	8,468	9,539,975	9,131,563	20,340	88,774	299,298	15,239,991	5,700,016	71

TABLE 8.—GENERAL STATISTICS FOR

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS ENGAGED IN MANUFACTURING ESTABLISHMENTS[1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
1	5	Plywood mills	17	8	1,363	33	77	1,236	14		3
2	13	Pottery products not elsewhere classified	5	8	13			13			
3	1	Prepared feeds (including mineral) for animals and fowls	16	10	251	13	24	180	32		2
4	3	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	6	1	154	7	11	132	4		
5	7	Pulp mills	4		1,406	5	127	1,077	7	155	35
6	6	Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets	4		93	12	1	78	2		
7	3	Rayon broad woven goods—regular factories or jobbers engaging contractors	29	3	14,277	39	331	13,899	8		
8	3	Rayon yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	3		681	2	15	664			
9	17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	4	2	51	4	9	25	8	3	2
10	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	16	5	175	4	15	152	4		
11	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	586	537	12,920	158	565	12,031	145	16	5
12	15	Sheet-metal work not specifically classified	6	2	53	2	4	35	12		
13	19	Shipbuilding and ship repairing	3	1	90	3	6	81			
14	20	Signs, advertising displays, and advertising novelties	5	4	40	1	5	29	5		
15	3	Silk throwing and spinning—contract factories	3		703	3	16	684			
16	3	Silk yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	3		221	3	12	204	2		
17	9	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	9		419	10	35	302	14	16	42
18	4	Textile bags—not made in textile mills	4	4	670		27	642	1		
19	17	Textile machinery	18	11	444	20	43	367	14		
20	19	Transportation equipment not elsewhere classified	3		182	9	17	146	10		
21	6	Upholstered household furniture	41	20	4,182	44	257	3,707	167	7	
22	4	Women's, children's, and infants' underwear and nightwear of knitted fabrics	3	2	28	2		26			
23	6	Wooden boxes except cigar boxes	12	8	788	5	48	732	3		
24	6	Wood preserving	3		226	4	20	200	1	1	
25	6	Wood products not elsewhere classified	24	16	675	17	84	563	7	4	
26	17	Woodworking machinery	4		129	8	12	92	17		
27	3	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	7	1	3,539	14	213	3,252	20	40	
28	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	10	1	2,594	19	78	2,394	102	1	
29	4	Work gloves and mittens—cloth, cloth and leather combined	3	1	352	5	14	325	8		
30	4	Work shirts	4	3	344	6	5	333			
31		Other industries [6]	163	66	15,216	155	1,129	13,540	299	87	6
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]									
32	1	Food and kindred products	26	13	437	5	42	369	18		3
33	3	Textile-mill products and other fiber manufactures	26	5	3,908	32	191	3,673	12		
34	4	Apparel and other finished products made from fabrics and similar materials	19	8	1,738	20	77	1,625	16		
35	6	Furniture and finished lumber products	11	11	772	6	40	696	29	1	
36	8	Printing, publishing, and allied industries	6	4	102	8	19	59	16		
37	13	Stone, clay, and glass products	7	1	732	13	40	652	27		
38	14	Iron and steel and their products, except machinery	10	3	732	17	37	662	16		
39	16	Electrical machinery	3	2	66	2	7	50	6		1
40	17	Machinery (except electrical)	11	1	347	13	39	272	21		2
41	19	Transportation equipment except automobiles	6	2	164	5	13	144	2		
42	20	Miscellaneous industries	5	5	76	2	7	67			
43	2	Tobacco manufactures	5	11	6,142	32	617	5,271	136	86	
	7	Paper and allied products	4								
	9	Chemicals and allied products	15								
	10	Products of petroleum and coal	1								
	11	Rubber products	1								
	12	Leather and leather products	4								
	15	Nonferrous metals and their products	3								

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.
[2] Figures do not include data for personnel of central-administrative offices.
[3] Each of the averages in the "Wage earners" column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

THE STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
991,164	100,588	106,473	754,399	27,739	...	1,965	1,750,493	1,693,201	10,007	47,285	...	3,420,213	1,669,720	1
7,310	...	...	7,310	...	...	...	10,397	7,022	2,955	420	...	34,148	23,751	2
257,857	55,000	31,072	129,569	40,812	...	1,404	2,257,011	2,225,676	4,079	27,256	...	3,129,594	872,583	3
120,421	36,108	14,214	60,566	9,533	...	...	439,371	430,620	833	7,918	...	594,718	155,347	4
2,052,845	89,600	270,434	1,402,723	10,855	222,358	56,875	3,473,619	2,997,844	322,949	152,826	...	7,099,931	3,626,312	5
66,280	23,280	800	36,800	5,400	...	...	112,917	112,543	171	203	...	217,110	104,193	6
11,462,633	206,939	560,454	10,678,210	17,030	...	...	34,954,137	33,481,155	144,428	765,386	563,168	52,716,278	17,762,141	7
(5)	(5)	(5)	(5)	...	...	...	(5)	(5)	(5)	(5)	...	(5)	(5)	8
79,664	16,095	13,259	27,060	18,650	4,000	600	159,278	158,157	255	866	...	328,189	168,911	9
144,479	6,400	23,361	109,826	4,892	...	...	1,392,070	1,367,315	7,161	17,594	...	1,709,502	317,432	10
7,279,153	503,777	753,508	5,893,951	109,086	11,736	7,095	9,985,119	9,380,273	215,258	90,355	299,233	22,629,311	12,644,192	11
65,903	7,500	7,030	28,718	22,655	...	...	324,780	323,534	250	996	...	435,924	111,144	12
(5)	(5)	(5)	(5)	...	...	...	(5)	(5)	...	(5)	(5)	(5)	(5)	13
46,336	4,650	4,824	28,036	8,826	...	...	53,505	51,553	185	1,767	...	124,037	70,532	14
486,742	5,025	29,763	451,954	...	...	...	132,822	73,279	5,035	46,844	7,664	961,318	828,496	15
(5)	(5)	(5)	(5)	(5)	...	...	(5)	(5)	(5)	(5)	(5)	(5)	(5)	16
573,729	125,860	60,301	259,940	37,433	26,842	63,353	1,146,568	917,314	212,674	16,580	...	2,364,457	1,217,889	17
549,522	...	42,355	502,198	4,969	...	...	1,490,848	1,478,132	478	12,238	...	2,779,456	1,288,608	18
579,660	87,956	77,940	372,008	41,756	...	...	720,935	693,835	9,553	15,268	2,279	1,723,806	1,002,871	19
151,651	18,800	25,556	93,502	13,793	...	...	233,277	229,511	200	3,566	...	493,397	260,120	20
3,636,376	222,507	440,347	2,582,646	380,053	10,823	...	5,683,168	5,565,142	36,269	68,101	13,656	11,249,692	5,566,524	21
18,783	4,500	...	14,283	...	...	...	73,630	72,875	258	497	...	96,085	22,455	22
452,630	20,000	71,594	352,283	8,753	...	...	760,300	750,057	3,818	6,425	...	1,472,096	711,796	23
(5)	(5)	(5)	(5)	(5)	(5)	...	(5)	(5)	(5)	(5)	...	(5)	(5)	24
584,551	75,078	98,020	395,748	12,705	3,000	...	786,966	748,845	1,878	32,178	4,065	1,716,185	929,219	25
160,992	17,612	17,829	103,036	22,515	...	...	124,518	119,591	1,539	3,388	...	329,157	204,639	26
3,466,480	187,478	384,188	2,757,129	75,285	62,400	...	10,692,074	10,394,121	179,335	118,318	300	17,616,916	6,924,842	27
1,807,657	96,832	129,606	1,389,752	190,367	1,100	...	5,054,529	5,026,619	5,903	22,007	...	7,364,122	2,309,593	28
264,523	17,500	16,415	206,280	24,328	...	...	536,875	529,934	2,002	4,939	...	953,658	416,783	29
176,977	23,062	5,786	148,129	...	...	...	482,480	476,854	2,650	2,976	...	751,497	269,017	30
14,940,860	965,905	2,082,717	11,106,929	668,078	112,939	4,292	37,550,697	35,892,716	768,306	791,668	98,007	76,159,832	38,609,135	31
278,108	7,212	58,637	178,804	31,280	...	2,175	4,907,730	4,841,095	33,371	33,264	...	6,466,544	1,558,814	32
3,050,004	169,220	342,274	2,512,943	25,567	...	...	10,040,218	9,608,263	56,500	305,060	70,395	15,839,029	5,798,811	33
1,111,376	99,146	113,178	868,959	29,525	...	568	2,568,891	2,497,678	22,929	47,354	930	4,235,363	1,666,472	34
599,675	20,038	54,236	483,719	39,999	1,683	...	1,622,562	1,567,964	37,428	17,170	...	3,035,795	1,413,233	35
170,093	27,670	19,695	92,361	30,367	...	...	167,578	141,985	1,421	3,090	21,082	419,934	252,356	36
785,005	116,455	84,358	535,665	48,527	...	...	1,268,411	1,105,794	119,012	43,605	...	2,439,835	1,171,424	37
769,425	156,730	65,087	516,140	31,468	...	...	909,682	845,762	49,542	14,378	...	2,026,478	1,116,796	38
76,964	4,800	18,640	40,919	11,981	...	624	175,786	169,042	3,150	3,594	...	296,554	120,768	39
470,918	60,279	76,122	293,408	40,184	...	925	417,365	400,514	3,243	8,608	5,000	1,386,784	969,419	40
126,910	8,744	14,497	102,070	1,599	...	...	111,289	106,302	1,805	3,082	100	287,716	176,427	41
44,636	2,350	6,974	34,952	360	...	...	67,342	65,357	1,118	867	...	168,901	101,559	42
7,457,746	293,261	1,229,019	5,446,989	377,221	111,256	...	15,293,843	14,542,960	438,787	311,596	500	39,556,899	24,263,056	43

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[6] For numbers of establishments and of wage earners in individual industries, see table 11.

TABLE 9. GENERAL STATISTICS FOR CHARLOTTE, BY INDUSTRIES: 1939

[This table presents separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures are given, however, reported larger numbers of wage earners or larger values of products than some of those shown separately. No data for nonmanufacturing personnel, except salaried officers of corporations, are included in this table]

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work [3]	Value of products [3]	Value added by manufacture [3]
	All industries, total	149	50	155	663	9,040	$982,042	$1,220,542	$8,554,216	$23,830,679	$45,331,468	$21,500,789
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	10	8	..	21	498	(4)	(4)	(4)	(4)	(4)	(4)
1	Candy and other confectionery products	4	2	3	35	539	(4)	(4)	(4)	(4)	(4)	(4)
3	Cotton broad woven goods	3		2	31	1,689	(4)	(4)	(4)	(4)	(4)	(4)
8	General commercial job printing	13	11	7	12	77	11,819	16,601	89,077	107,459	319,850	212,391
3	Hosiery—full-fashioned	5		10	68	2,748	222,602	202,144	3,213,069	3,635,419	7,882,410	4,246,991
1	Ice cream and ices	3		1	8	40	(4)	(4)	(4)	(4)	(4)	(4)
1	Ice, manufactured	4	2		3	17		6,308	15,007	19,178	122,508	103,330
17	Machine-shop repairs	7	2	4	12	127	13,500	16,298	132,622	290,009	593,919	303,910
13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	3	1	4	12	74	22,213	19,694	60,554	123,620	329,197	205,577
1	Nonalcoholic beverages	8	2	15	19	63	62,590	20,545	44,396	562,324	1,504,996	942,672
17	Textile machinery	4		7	16	53	30,171	28,057	72,230	129,608	366,599	236,991
6	Wood products not elsewhere classified	3	1	1	7	55	2,500	11,669	41,565	70,046	153,425	83,379
	Other industries [5]	102	31	107	514	5,827	616,647	899,226	4,885,696	18,893,016	34,058,564	15,165,548
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]											
1	Food and kindred products	26	13	7	97	1,328	49,522	171,125	1,172,898	9,555,425	15,540,642	5,985,217
3	Textile-mill products and other fiber manufactures	15	2	21	68	2,191	91,508	93,801	1,551,446	2,842,949	5,538,041	2,695,092
4	Apparel and other finished products made from fabrics and similar materials	5	2	8	19	241	32,047	20,868	148,194	743,079	1,071,391	328,312
6	Furniture and finished lumber products	9	7	5	20	300	26,900	35,755	293,291	595,304	1,260,088	664,784
8	Printing, publishing, and allied industries	11	1	25	200	273	138,157	378,776	420,267	882,435	2,613,485	1,731,050
9	Chemicals and allied products	9	1	4	19	177	16,886	38,883	133,492	1,246,658	1,884,600	637,942
14	Iron and steel and their products, except machinery	5	2	10	18	435	118,400	26,597	365,217	597,223	1,305,421	708,198
17	Machinery (except electrical)	6	2	8	21	159	78,569	43,867	162,616	274,113	1,052,726	778,613
20	Miscellaneous industries	3	1	2	7	29	5,950	7,164	25,016	51,034	114,386	63,352
13	Stone, clay, and glass products	4	..	7	21	317						
5	Lumber and timber basic products	2										
7	Paper and allied products	2										
12	Leather and leather products	2					58,708	82,390	643,259	2,104,796	3,677,784	1,572,988
16	Electrical machinery	2		10	24	377						
18	Automobiles and automobile equipment	1										

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries".

[1] Figures do not include data for personnel of central-administrative offices.

[2] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

[4] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.

[5] For numbers of establishments and of wage earners in individual industries, see table 11.

TABLE 10.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939

COUNTY	Total	INDUSTRY GROUP 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
The State	3,225	654	15	695	53	777	231	36	273	163	1	1	16	115	39	9	3	104	9	9	22
Alamance	101	12		63	..	7	4	2	5	1				3	1			3			
Alexander	16	3		7	..	3	1	1	....												1
Alleghany	4					4															
Anson	24	3		4	1	10			1	3		..	...	2							
Ashe	9	3				5			1												
Avery	8	1			..		...							2				..			
Beaufort	22	9				8			2	2					1						
Bertie	12	3				8												1			...
Bladen	24	1		3		19				1											
Brunswick	19	1				14				4		..									
Buncombe	73	26		8	1	11	4		12	3			1	4	1			1			1
Burke	49	8		24		6	4	1	1				1	2				2			
Cabarrus	46	8		24		3			6	2					1			1			1
Caldwell	53	4		15	..	11	13	1	1	1				3				2			2
Camden	1					1															
Carteret	20	5			1	2			2	8								1		1	
Caswell	7			1		5			1												
Catawba	120	18		58	3	5	16	2	8	1				1	2			3			
Chatham	50	5		4		34	4		1					2							
Cherokee	9	3		1		1			1	1			1	1							

TABLE 10.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939—Continued

COUNTY	Total	INDUSTRY GROUP																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Chowan	12	5		1		4			1	1											
Clay	3	1				2															
Cleveland	55	13		24	1	6	1		3	6					1						
Columbus	36	4				26	1		1	2				1	1						
Craven	32	9			1	8			4	4				2				2		2	
Cumberland	45	12		7		15	3		3	3				2							
Currituck	2					2															
Dare	3	1				1			1												
Davidson	63	12		17	3	9	14		4					3							1
Davie	11	3		2		5	1														
Duplin	22	2				14	5		1												
Durham	75	25	3	14	1	11	2		10	3				2	1			2			1
Edgecombe	26	12		3		4	2		1	4											
Forsyth	114	37	9	11	2	8	10	2	12	5			1	3	4	2	1	6		1	
Franklin	12			2		9			1												
Gaston	134	12		86	1	5	1	1	7				1	1	2	1		15			1
Gates	5	1				4															
Graham	1					1															
Granville	12	3		1		3	1		3										1		
Greene	3	1													1	1					
Guilford	252	43	1	50	8	26	41	4	27	10			1	8	9			20	2		2
Halifax	33	6		5		12		3	3	3				1							
Harnett	38	5		3		18	2		3	4				2				1			
Haywood	26	4		1		10	4	2	2	1			2								
Henderson	14	2		6	1			1	3					1							
Hertford	13	2				6	2		1	1				1							
Hoke	8	1		1		3			1	1				1							
Hyde	1	1																			
Iredell	84	19	1	17	3	16	15	1	5	1				2				4			
Jackson	10					5	1	2		1			1								
Johnston	27	3		4		10			3	5				2							
Jones	1					1															
Lee	36	8		2	1	13			3	2				4	1			1		1	
Lenoir	22	6		1	2	3	1	1	3	2				1				2			
Lincoln	31	5		14		4	4		2						1			1			
Macon	8	3				3			1					1							
Madison	8	2		1		4															1
Martin	15	3				8		1	1	1						1					
McDowell	26	4		12		4	2	1	2									1			
Mecklenburg	185	40		33	6	10	12	3	24	14			2	11	6		2	17	2		3
Mitchell	12	1		1					1					9							
Montgomery	33	3		7		18	2		1					1	1						
Moore	45	5		6	1	28	2		2	1											
Nash	26	3		5	1	8			4	4				1							
New Hanover	61	17		1	3	9	4		7	14				3	1			1		1	
Northampton	13	1				8	4														
Onslow	9	1				8															
Orange	19	3		3		8	2		3												
Pamlico	5	3				2															
Pasquotank	28	8		3		9	1	1	2					1				2		1	
Pender	14	3		1		8	1							1							
Perquimans	8					6				2											
Person	23	5		4		11			2												1
Pitt	36	12		2		6	2		7	4				1				2			
Polk	8	1		4		3															
Randolph	67	8		23	2	13	10	2	4					2							3
Richmond	31	7		10		7		2	3	1											1
Robeson	30	5		6		10			3	5				1							
Rockingham	45	12	1	17	2	6	1		5	1											
Rowan	64	22		14	2	9	2		3	2		1	1	4	1			3			
Rutherford	33	8		15	1	6			2					1							
Sampson	39	6		1		25			3	1				3							
Scotland	23	5		7		3			1	4								3			
Stanly	36	13		7		8	2		2					3		1					
Stokes	7	1				4								2							
Surry	33	8		6	3	2	8		2				1	2							1
Swain	5	1				1	1		1					1							
Transylvania	13	1		3		3		2	1	1			2								
Tyrrell	6					6															
Union	32	10		4		12			3	2				1							
Vance	22	7		4		5	1		2	1				1					1		
Wake	93	16		4	2	34	2		18	6	1			2	2	3		2			1
Warren	18	4		1		11			1	1											
Washington	6	3				2			1												
Watauga	5	1				3			1												
Wayne	35	10		1		6	3		5	6				2	1			1			
Wilkes	30	7		3		4	7		2	1			1	3				2			
Wilson	30	10		2		4	1		3	5								2	2	1	
Yadkin	5					1	4														
Yancey	6					5								1							

TABLE 11.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS: NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE AND FOR CHARLOTTE: 1939

[In order to avoid disclosing data for individual establishments, wage-earner figures for industries represented by fewer than three establishments are withheld]

Group No.	Title	Number of establishments	Wage earners
	STATE OF NORTH CAROLINA		
1	Biscuit, crackers, and pretzels	1	
	Blended and prepared flour made from purchased flour	1	
	Canned and dried fruits and vegetables (including canned soups)	8	164
	Cereal preparations	1	
	Cheese	1	
	Condensed and evaporated milk	1	
	Cottonseed and other edible fats and oils, not elsewhere classified	1	
	Curd fish	1	
	Custom slaughtering, wholesale	2	
	Flavoring extracts and flavoring sirups, not elsewhere classified	2	
	Food preparations, not elsewhere classified	3	
	Malt liquors	1	
	Salad dressings	1	
	Vinegar and cider	1	
	Wines	2	
2	Cigars	1	
	Tobacco (chewing and smoking) and snuff	4	1,183
3	Carpets and rugs, wool	1	
	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	2	
	Cordage and twine	9	985
	Jute goods (except felt)	3	470
	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	3	485
	Linen goods	1	
	Rayon narrow fabrics	1	
	Rayon yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	3	664
	Silk yarn and thread spun or thrown—regular factories or jobbers engaging contractors	3	204
4	Belts (apparel), regardless of material	1	
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	3	337
	Handkerchiefs—made in inside factories or by jobbers engaging contractors	2	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	2	
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in contract factories	1	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	1	
	Men's and boys' underwear—made in inside factories or by jobbers engaging contractors	1	
	Men's neckwear—made in inside factories or by jobbers engaging contractors	1	
	Miscellaneous fabricated textile products not elsewhere classified	2	
	Suspenders, garters, and other goods made from purchased elastic material	1	
	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	1	
	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics	2	
	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	1	
6	Cigar boxes: wooden, part wooden	1	
	Cooperage	2	
	Public-building furniture	1	
	Venetian blinds	1	
	Window and door screens and weather strip	2	
	Window shades	1	
	Wood preserving	3	200
7	Converted paper products not elsewhere classified	1	
	Fiber cans, tubes, and similar products	2	
	Paper bags, except those made in paper mills	1	
8	Books: printing without publishing	3	40
	Engraving (steel, copperplate, and wood); plate printing	2	
	Machine and hand typesetting (including advertisement typesetting)	1	
9	Chemicals not elsewhere classified	1	
	Cleaning and polishing preparations, blackings, and dressings	2	
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	2	
	Gum naval stores (processing but not gathering or warehousing)	1	
	Perfumes, cosmetics, and other toilet preparations	2	
	Printing ink	1	
	Rayon and allied products	1	
	Soybean oil, cake, and meal	1	
	Vegetable and animal oils, not elsewhere classified	2	
	Wood naval stores	2	
10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	1	
	STATE OF NORTH CAROLINA—Continued		
11	Rubber products not elsewhere classified	1	
12	Boot and shoe cut stock and findings	1	
	Footwear (except rubber)	1	
	Saddlery, harness, and whips	2	
13	Asbestos products (except steam packing and pipe and boiler covering)	3	101
	Nonclay refractories	1	
	Roofing tile	1	
	Sewer pipe and kindred products	1	
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	1	
14	Cast-iron pipe and fittings	1	
	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	1	
	Hardware not elsewhere classified	1	
	Oil burners, domestic and industrial	1	
	Power boilers and associated products	1	
	Stamped and pressed metal products (except automobile stampings)	1	
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	1	
	Tools (except edge tools, machine tools, files, and saws)	1	
	Wirework not elsewhere classified	2	
15	Nonferrous-metal foundries (except aluminum)	1	
	Primary smelting and refining of nonferrous metals	1	
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	1	
16	Batteries, storage and primary (dry and wet)	1	
	Electrical products not elsewhere classified	1	
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	1	
17	Commercial laundry, dry-cleaning, and pressing machinery	2	
	Elevators, escalators, and conveyors	2	
	Food-products machinery	1	
	Industrial machinery, not elsewhere classified	2	
	Mechanical power-transmission equipment	1	
	Printing-trades machinery and equipment	1	
	Pumping equipment and air compressors	1	
	Special-industry machinery, not elsewhere classified	1	
19	Boat building and boat repairing	2	
	Cars and car equipment—railroad, street, and rapid-transit	1	
	Shipbuilding and ship repairing	3	81
20	Brushes	1	
	Feathers, plumes, and artificial flowers	1	
	Games and toys (except dolls and children's vehicles)	1	
	Pencils (except mechanical) and crayons	1	
	Soda fountains, beer dispensing equipment, and related products	1	
	CITY OF CHARLOTTE		
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	10	498
	Candy and other confectionery products	4	539
	Cooking and other edible fats and oils, not elsewhere classified	1	
	Flour and other grain-mill products	1	
	Ice cream and ices	3	40
	Malt liquors	1	
	Pickled fruits and vegetables and vegetable sauces and seasonings	1	
	Prepared feeds (including mineral) for animals and fowls	2	
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	1	
	Vinegar and cider	1	
	Wines	1	
3	Batting, padding, and wadding; upholstery filling	1	
	Cotton broad woven goods	3	1,689
	Cotton narrow fabrics	2	
	Cotton thread	1	
	Dyeing and finishing cotton, rayon, silk, and linen textiles	1	
	Jute goods (except felt)	1	
	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	5	121
	Rayon broad woven goods—regular factories or jobbers engaging contractors	1	
4	Canvas products (except bags)	1	
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	1	
	Handkerchiefs—made in inside factories or by jobbers engaging contractors	1	
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	1	
	Work gloves and mittens: cloth, cloth and leather combined	1	

See footnote at end of table.

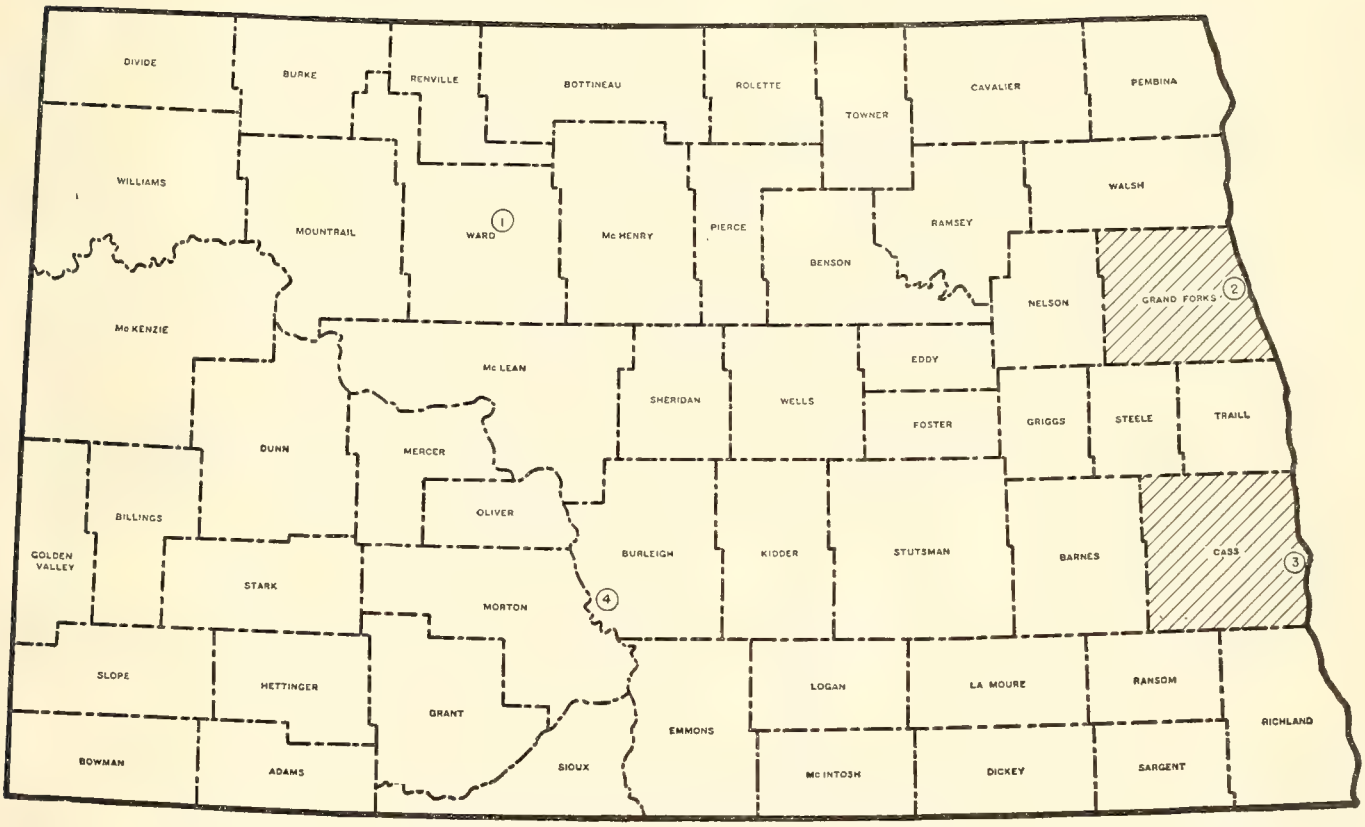
TABLE 11.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE AND FOR CHARLOTTE: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	CITY OF CHARLOTTE—Continued		
5	Planing mills not operated in conjunction with sawmills	2	
6	Caskets, coffins, burial cases, and other morticians' goods	1	
	Household furniture, except upholstered	1	
	Mattresses and bedsprings	1	
	Partitions, shelving, cabinet work, and office and store fixtures	1	
	Upholstered household furniture	2	
	Window and door screens and weather strip	2	
	Window shades	1	
7	Paper and paperboard mills	1	
	Paperboard containers and boxes not elsewhere classified	1	
8	Bookbinding and related industries	1	
	Books: printing without publishing	2	
	Engraving (steel, copperplate, and wood); plateprinting	1	
	Newspapers: publishing and printing	2	
	Newspapers: publishing without printing	1	
	Periodicals: publishing and printing	1	
	Periodicals: publishing without printing	1	
	Photoengraving, not done in printing establishments (including preparation of plates)	2	
9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	2	
	Cottonseed oil, cake, meal, and linters	2	
	Fertilizers	1	
	Insecticides, fungicides, and related industrial and household chemical compounds	2	
	Perfumes, cosmetics, and other toilet preparations	1	
	Printing ink	1	
	CITY OF CHARLOTTE—Continued		
12	Industrial leather belting and packing leather	2	
13	Asbestos products (except steam packing and pipe and boiler covering)	1	
	Concrete products	2	
	Nonclay refractories	1	
14	Cast-iron pipe and fittings	1	
	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	2	
	Gray-iron and semisteel castings	1	
	Power boilers and associated products	1	
16	Electrical products not elsewhere classified	1	
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	1	
17	Agricultural machinery (except tractors)	1	
	Commercial laundry, dry-cleaning, and pressing machinery	1	
	Elevators, escalators, and conveyors	1	
	Industrial machinery, not elsewhere classified	1	
	Machine-shop products, not elsewhere classified	2	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	1	
20	Brushes	1	
	Signs, advertising displays, and advertising novelties	2	

[1] For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and of industry groups, sec. 27.

NORTH DAKOTA

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939



KEY TO PLACES

BISMARCK	4
FARGO	3
GRAND FORKS	2
MINOT	1

UNDER 250 WAGE EARNERS

250 TO 999 WAGE EARNERS

PLACES OF 10,000 TO 99,999 POPULATION

Prepared by the Bureau of the Census, Department of Commerce

475614—42——49

NORTH DAKOTA

Table 1.—SUMMARY FOR THE STATE: 1939, 1937, AND 1929

CENSUS YEAR	Number of establishments	Proprietors and firm members	Number of persons employed in manufacturing [1]	Salaries and wages [1]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2]	Value of products [2]	Value added by manufacture [3]
1939	350	257	3,435	$4,204,192	$32,664,884	$43,767,082	$11,102,198
1937	340	216	3,693	4,624,823	35,570,713	45,836,712	10,265,999
1929	346	194	3,471	5,174,940	36,943,172	49,522,694	12,579,522

[1] Figure for 1939 does not include data for employees of manufacturing establishments (except salaried officers of corporations) who were engaged in distribution, construction, and other nonmanufacturing work. For detail, see table 8. It is not known to what extent data for such nonmanufacturing employees were included in figures reported for earlier years. See General Explanations—Persons engaged—general classification.

[2] The aggregates for cost of materials, etc., and value of products include large amounts of duplication due to the use of the products of some industries as materials by others. See General Explanations—Duplication in cost of materials and value of products.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See General Explanations—Value added by manufacture.

Table 2.—SUMMARY FOR COUNTIES AND PLACES: 1939

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
The State	641,935	[5] 350	2,637	$2,771,468	$32,664,884	$43,767,082	$11,102,198
COUNTIES [5]							
Adams	4,664	5	10	5,774	82,688	108,133	25,445
Barnes	17,814	11	65	72,955	537,863	837,199	299,336
Benson [6]	12,629	3	10				
Billings [7]	2,531						
Bottineau [6]	13,253	4	10				
Bowman	3,860	4	6	3,578	21,417	38,118	16,701
Burke [7]	7,653						
Burleigh	22,736	13	123	132,013	802,656	1,355,728	553,072
Cass	52,849	47	884	1,201,054	13,686,850	18,185,394	4,498,544
Cavalier [6]	13,923	3	9				
Dickey [6]	9,696	7	66				
Divide [6]	7,086	3	9				
Dunn [6]	8,376	1					
Eddy [6]	5,741	3	16				
Emmons [6]	11,699	2					
Foster [6]	5,824	5	48				
Golden Valley	3,498	3	4	2,190	19,451	30,582	11,131
Grand Forks	34,518	29	422	429,342	4,520,803	6,187,689	1,666,886
Grant [7]	8,264						
Griggs [6]	5,818	2					
Hettinger	7,457	7	13	7,732	77,740	116,549	38,809
Kidder [6]	6,692	1					
La Moure	10,298	6	14	12,664	210,049	275,926	65,877
Logan	7,561	3	5				
McHenry	14,034	5	11	6,974	84,617	111,593	26,976
McIntosh [6]	8,984	2					
McKenzie [6]	8,426	2					
McLean	16,082	4	11	6,843	24,710	44,741	20,031
Mercer [6]	9,611	1					
Morton	20,184	18	120	83,225	2,290,088	2,853,618	563,530
Mountrail [6]	10,482	2					
Nelson	9,129	6	8	5,643	265,670	308,155	42,485
Oliver [6]	3,859	1					
Pembina	15,671	5	11	6,547	94,887	126,797	31,910
Pierce [6]	9,208	3	33				
Ramsey	15,626	7	28	30,226	247,497	417,479	169,982
Ransom	10,061	6	36	36,588	1,041,326	1,148,371	107,045
Renville [6]	5,533	3	4				
Richland	20,519	14	85	71,041	668,606	926,985	258,379
Rolette	12,583	5	9	7,904	106,120	143,882	37,762

TABLE 2.—SUMMARY FOR COUNTIES AND PLACES: 1939—Continued

	Population, 1940	Number of establishments	Wage earners (average for year)[1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
COUNTIES [5]—continued							
Sargent [6]	8,693	3	4				
Sheridan [6]	6,616	3	5				
Sioux [7]	4,419						
Slope [7]	2,932						
Stark	15,414	12	67	$57,682	$515,984	$785,780	$269,796
Steele [6]	6,193	2					
Stutsman	23,495	11	92	72,259	725,521	1,033,105	307,584
Towner [6]	7,200	3	6				
Traill	12,300	9	19	18,865	340,245	421,874	81,629
Walsh	20,747	11	40	32,713	342,843	446,945	104,102
Ward	31,981	36	238	220,998	2,062,872	2,998,183	935,311
Wells [6]	11,198	4	[6]				
Williams	16,315	10	53	40,306	423,325	590,159	166,834
Undistributed [8]		66	267	206,352	3,471,056	4,274,097	803,041
PLACES HAVING 10,000 OR MORE INHABITANTS							
Bismarck	15,496	13	123	132,013	802,656	1,355,728	553,072
Fargo [9]	32,580	43	537				
Grand Forks [9]	20,228	21	201				
Minot	16,577	29	215	201,627	1,923,978	2,792,404	868,426

[1] Not including salaried officers and employees nor nonmanufacturing wage earners. The figure for each county or place is an average of the numbers reported for the several months of the year. In calculating it, equal weight must be given to full-time and to part-time wage earners (not reported separately by the manufacturers), and for this reason it exceeds the number that would have been required to perform the work done in the industries if all wage earners had been continuously employed throughout the year. The quotient obtained by dividing the amount of wages by the average number of wage earners cannot, therefore, be accepted as representing the average wage received by full-time wage earners. Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several counties do not add exactly to the average for the State. In making comparisons between the figures for 1939 and those for earlier years, the possibility that the proportion of part-time employment varied from year to year should be taken into account.

[2] Profits and losses cannot be calculated from the census figures because no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, and advertising.

[3] See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

[5] For numbers of establishments by "Industry groups," see table 9.

[6] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Undistributed" figures.

[7] No manufacturing reported.

[8] The "Undistributed" figure for number of establishments and a part of the "Undistributed" figure for number of wage earners are included above in the items for the respective counties. The sums of the figures in these two columns are, therefore, larger than the corresponding State totals.

[9] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments.

TABLE 3.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, BY SEX: 1939 AND 1929

[The 1939 questionnaire, for the first time, called for data on the *total* number of employees in manufacturing establishments, including those engaged wholly or chiefly in distribution, construction, and other nonmanufacturing activities. It is not known to what extent data for such employees were included in the figures reported for earlier years. This table presents detailed figures for employees receiving pay at any time within the *normal* pay-roll period ended nearest Oct. 14, 1939, and for such employees on the pay roll on Dec. 14, 1929, or on the nearest *representative* date. The total for "Wage earners engaged in manufacturing" is not identical with the average for the year given in other tables, and differs from the number reported for October 1939 or for December 1929, because for both years some manufacturers gave wage-earner figures for months other than those specified. See GENERAL EXPLANATIONS—Persons engaged—general classification]

CLASS AND SEX	1939 (Oct. 14)[1]	1929 (Dec. 14)[1]
All classes, aggregate[2]	4,517	3,492
Male	3,545	2,884
Female	972	608
Salaried officers and employees, total	1,488	840
Male	1,126	583
Female	362	257
Salaried officers of corporations, total	120	120
Male	106	111
Female	14	9
All other employees (except wage earners in manufacturing), total	1,368	720
Male	1,020	472
Female	348	248
Salaried officers and employees—Continued.		
All other employees, etc.—Continued.		
Engaged in manufacturing.		
Male	458	(3)
Female	220	(3)
Engaged in distribution:		
Male	449	(3)
Female	116	(3)
Engaged in construction:		
Male	30	(3)
Engaged in other work:		
Male	83	(3)
Female	12	(3)
Wage earners engaged in manufacturing, total	3,029	2,652
Male	2,419	2,301
Female	610	351

[1] See headnote.
[2] Figures do not include data for 257 proprietors and firm numbers for 1939 and 194 for 1929, which were not reported by sex for 1939.
[3] No data.

TABLE 4.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS: 1939, 1937, AND 1929

[The figures for 1939 relate to wage earners engaged in manufacturing only. It is not known to what extent the figures for earlier years include data for nonmanufacturing wage earners. See headnote to table 3]

CENSUS YEAR	Average number employed during year[1]	NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH—											
		January	February	March	April	May	June	July	August	September	October	November	December
1939	2,637	2,327	2,265	2,271	2,282	2,400	2,600	2,705	2,579	2,715	2,794	3,319	3,388
1937	2,854	2,577	2,483	2,537	2,603	2,779	2,966	3,052	2,984	3,023	3,055	3,146	3,047
1929	2,631	2,276	2,200	2,322	2,422	2,637	2,814	2,952	2,833	2,860	2,833	2,796	2,603

[1] See GENERAL EXPLANATIONS—Wage earners and wages.

TABLE 5.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY NUMBER OF WAGE EARNERS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR)[1]		VALUE OF PRODUCTS	VALUE ADDED BY MANUFACTURE[2]
	1939	1929	1939	1929	1939	1939
All establishments	350	346	2,637	2,631	$43,767,082	$11,102,198
No wage earners	11	14			140,564	45,078
1 to 5	245	232	594	543	8,493,833	2,480,232
6 to 20	65	72	682	725	7,900,015	2,272,829
21 to 50	23	20	629	655	8,539,234	2,448,768
51 to 100	4	[3] 8	732	708	18,693,436	3,855,291
101 to 250	1					
251 to 500	1					

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Combined to avoid disclosing data for individual establishments.

TABLE 6.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY VALUE OF PRODUCTS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
All establishments	350	346	2,637	2,631	$43,767,082	$49,522,694	$11,102,198	$12,579,522
$5,000 to $19,999	134	161	286	325	1,298,066	1,672,239	739,382	1,089,260
$20,000 to $49,999	93	73	384	289	3,186,503	2,384,683	1,261,037	1,200,622
$50,000 to $99,999	54	47	264	378	3,621,866	3,257,122	982,977	1,417,678
$100,000 to $249,999	40	35	489	465	5,773,148	5,376,989	2,032,055	1,941,496
$250,000 to $499,999	19	11	437	242	7,193,337	3,777,144	1,901,617	1,360,296
$500,000 to $999,999	6	5	266	166	4,193,349	3,278,303	1,457,015	1,289,790
$1,000,000 to $2,499,999	3	11	[3] 511	367	[3] 18,500,813	14,130,505	[3] 2,728,115	2,430,543
$2,500,000 and over	1	3		399		15,645,709		1,849,837

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Combined to avoid disclosing data for individual establishments.

TABLE 7.—ESTABLISHMENTS CLASSIFIED AS UNDER CORPORATE OR OTHER FORM OF OWNERSHIP (OR CONTROL) AND AS UNDER CENTRAL-ADMINISTRATIVE-OFFICE OR INDEPENDENT OPERATION: 1939 AND 1929

TYPE OF OWNERSHIP OR CONTROL, AND OF OPERATION	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
Total	350	346	2,637	2,631	$43,767,082	$49,522,694	$11,102,198	$12,579,522
TYPE OF OPERATION								
1939 [3]								
Corporate ownership or control:								
Central-administrative-office (plural-unit)	61	(3)	1,173	(3)	27,032,531	(3)	5,084,474	(3)
Independent (single-unit)	85	(3)	704	(3)	7,327,275	(3)	3,552,741	(3)
Noncorporate ownership:								
Central-administrative-office (plural-unit)	16	(3)	86	(3)	906,685	(3)	253,186	(3)
Independent (single-unit)	188	(3)	674	(3)	8,500,591	(3)	2,211,797	(3)
1939 AND 1929 [3]								
Central-administrative-office (plural-unit), corporate and noncorporate	77	43	1,259	865	27,939,216	27,912,442	5,337,660	4,554,484
Independent (single-unit), corporate and noncorporate	273	303	1,378	1,766	15,827,866	21,610,252	5,764,538	8,025,038
TYPE OF OWNERSHIP OR CONTROL								
Corporate	146	154	1,877	2,079	34,359,806	44,491,188	8,637,215	10,291,286
Noncorporate, total	204	192	760	552	9,407,276	5,031,506	2,464,983	2,288,236
Individual	137	(4)	382	(4)	3,747,159	(4)	1,252,887	(4)
Partnership	45	(4)	183	(4)	1,521,056	(4)	603,682	(4)
Cooperative	20	[5]	195		4,139,061		608,414	
Other	2							

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Because of changes in the questionnaire, no comparable figures for 1929 can be given for the first section of this table. For this reason, the items have been regrouped under "1939 and 1929" to present comparable figures so far as this can be done.
[4] No data.
[5] Figures for 1939 combined to avoid disclosing data for individual establishments; no data for 1929.

TABLE 8.—GENERAL STATISTICS FOR

[This table presents separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments, numbers of wage earners or larger values of

	Group	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1]						
					Total [2]	Salaried officers of corporations [2]	Manufacturing		Distribution	Construction	Other
							Salaried employees [2]	Wage earners (average for year) [3]			
1		All industries, total	350	257	4,125	120	678	2,637	565	30	95
2	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	59	63	487	4	31	380	57	1	14
3	13	Concrete products	4	29	29	4	4	18	3	-------	-------
4	1	Condensed and evaporated milk	3	4	4	-------	-------	4	-------	-------	-------
5	1	Creamery butter	98	78	774	11	152	438	139	20	14
6	1	Flour and other grain-mill products	19	6	382	12	71	257	34	6	2
7	8	General commercial (job) printing	12	8	137	10	24	87	16	-------	-------
8	1	Ice cream and ices	8	1	42	1	4	18	19	-------	-------
9	17	Machine-shop products, not elsewhere classified	3	3	10	-------	-------	8	2	-------	-------
10	1	Meat packing, wholesale	3	2	566	1	61	412	32	2	58
11	8	Newspapers, publishing and printing	68	57	624	31	189	338	66	-------	-------
12	1	Nonalcoholic beverages	17	10	163	12	21	51	75	-------	4
13	5	Planing mills not operated in conjunction with sawmills	4	5	20	-------	2	13	5	-------	-------
14	1	Poultry dressing and packing, wholesale	17	3	345	2	36	293	14	-------	-------
15	15	Sheet-metal work not specifically classified	3	1	47	4	8	23	12	-------	-------
16	20	Signs, advertising displays, and advertising novelties	5	4	32	4	6	15	7	-------	-------
17		Other industries [6]	41	23	1,084	29	136	731	124	3	61

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the corresponding totals shown for "All industries."

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.
[2] Figures do not include data for personnel of central-administrative offices.
[3] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

THE STATE, BY INDUSTRIES: 1939

and gives statistics for the remaining industries in combination ("Other industries"). Certain of the industries for which combined figures are given, however, reported larger products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
5,030,390	416,133	1,016,591	2,771,468	693,632	21,414	111,152	32,664,884	31,977,692	388,777	273,514	24,901	43,767,082	11,102,198	1
483,322	9,048	45,792	376,691	43,112	480	8,199	1,106,736	1,029,539	43,123	34,074	----------	2,195,263	1,088,527	2
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	3
(5)	----------	----------	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	4
800,052	58,040	205,286	377,308	140,199	7,480	11,739	11,217,439	11,033,463	86,477	88,168	9,331	12,894,964	1,677,525	5
467,285	26,366	141,271	227,858	60,841	8,952	1,997	3,996,546	3,895,451	90,493	10,602	----------	5,303,788	1,307,242	6
225,505	39,348	34,303	112,124	39,730	----------	----------	114,887	103,365	2,595	6,002	2,925	407,245	292,358	7
45,615	1,800	8,520	14,801	20,494	----------	----------	151,092	141,942	1,912	7,238	----------	300,440	149,348	8
9,059	----------	----------	6,586	2,473	----------	----------	7,934	5,981	1,460	493	----------	16,775	8,841	9
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	10
964,132	133,878	289,008	437,952	103,294	----------	----------	420,059	360,204	18,226	34,766	6,863	2,255,874	1,835,815	11
208,834	43,925	27,560	42,767	92,635	----------	1,947	427,914	412,216	6,036	9,662	----------	1,021,291	593,377	12
(5)	----------	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	13
205,351	3,300	46,791	143,793	11,467	----------	----------	1,855,444	1,826,365	8,076	21,003	----------	2,195,257	339,813	14
56,157	10,200	9,694	26,683	9,580	----------	----------	110,646	109,191	615	840	----------	202,165	91,519	15
40,909	8,342	7,154	18,849	6,564	----------	----------	36,124	32,607	970	2,547	----------	93,516	57,392	16
1,524,169	81,886	201,212	986,056	163,243	4,502	87,270	13,220,063	13,027,368	128,794	58,119	5,782	16,880,504	3,660,441	17

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[6] For numbers of establishments and of wage earners in individual industries, see table 10.

Table 9.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939

County	Total	Industry group 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
The State	350	228				4	2		86	2	1			7	3	3	2	7			5
Adams	5	4							1												
Barnes	11	9							2												
Benson	3	1							1					1							
Billings	4	3							1												
Bottineau	4	3							1												
Burleigh	13	5				2			5									1			
Cass	47	21					2		12					1	2	2	2	2			3
Cavalier	3	2							1												
Dickey	7	5							2												
Divide	3	2							1												
Dunn	1								1												
Eddy	3	2							1												
Emmons	2	1							1												
Foster	5	4							1												
Golden Valley	3	2							1												
Grand Forks	29	21				1			4	1				1							1
Griggs	2	1							1												
Hettinger	7	5							2												
Kidder	1								1												
La Moure	6	4							2												
Logan	3	2							1												
McHenry	5	3							2												
McIntosh	2	1							1												
McKenzie	2	1							1												
McLean	4	2							2												
Mercer	1	1																			
Morton	18	13							2					3							
Mountrail	2	2																			
Nelson	6	5							1												
Oliver	1	1																			
Pembina	5	3							2												
Pierce	3	2							1												
Ramsey	7	5							2												
Ransom	6	5							1												
Renville	3	2							1												
Richland	14	9							4							1					
Rolette	5	4							1												
Sargent	3	3																			
Sheridan	3	2							1												
Stark	12	8							3		1										
Steele	2	1							1												
Stutsman	11	8				1			2												
Towner	3	2							1												
Traill	9	7							2												
Walsh	11	8							3												
Ward	36	23							5	1				1	1			4			1
Wells	4	2							2												
Williams	10	8							2												

Table 10.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE: 1939

[In order to avoid disclosing data for individual establishments, wage-earner figures for industries represented by fewer than three establishments are withheld]

Group No.[1]	Title	Number of establishments	Wage earners
	STATE OF NORTH DAKOTA		
1	Biscuit, crackers, and pretzels	1	
	Candy and other confectionery products	1	
	Cereal preparations	1	
	Condensed and evaporated milk	3	4
	Meat packing, wholesale	3	412
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	1	
5	Planing mills not operated in conjunction with sawmills	4	13
6	Cooperage	1	
	Mattresses and bedsprings	1	
8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	1	
	Newspapers: publishing without printing	1	
	Periodicals: publishing and printing	2	
	Periodicals: publishing without printing	1	
	Photoengraving, not done in printing establishments (including preparation of plates)	1	
	STATE OF NORTH DAKOTA—Continued		
9	Fertilizers	1	
	Lubricating oils and greases—not made in petroleum refineries	1	
10	Fuel briquets	1	
13	Brick and hollow structural tile	2	
	Concrete products	4	18
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	1	
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	1	
	Gray-iron and semisteel castings	1	
	Tools (except edge tools, machine tools, files, and saws)	1	
16	Communication equipment	1	
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	1	
17	Agricultural machinery (except tractors)	1	
	Machine-shop repairs	2	
	Pumping equipment and air compressors	1	

[1] For group titles, see General Explanations—Changes in number of industries and of industry groups, sec. 27.

OHIO

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939

KEY TO PLACES

AKRON	20	EUCLID	3	NILES	23
ALLIANCE	28	FINDLAY	16	NORWOOD	56
ASHLAND	32	FOSTORIA	17	PAINESVILLE	2
ASHTABULA	1	FREMONT	14	PARMA	10
BARBERTON	19	GARFIELD HEIGHTS	8	PIQUA	48
BELLAIRE	42	HAMILTON	55	PORTSMOUTH	58
CAMBRIDGE	43	IRONTON	59	SALEM	27
CAMPBELL	25	LAKEWOOD	9	SANDUSKY	13
CANTON	29	LANCASTER	51	SHAKER HEIGHTS	6
CHILLICOTHE	53	LIMA	34	SPRINGFIELD	47
CINCINNATI	57	LORAIN	11	STEUBENVILLE	40
CLEVELAND	7	MANSFIELD	33	STRUTHERS	26
CLEVELAND HEIGHTS	5	MARIETTA	52	TIFFIN	18
COLUMBUS	46	MARION	35	TOLEDO	15
COSHOCTON	37	MARTINS FERRY	41	WARREN	22
CUYAHOGA FALLS	21	MASSILLON	30	WOOSTER	31
DAYTON	49	MIDDLETOWN	54	XENIA	50
EAST CLEVELAND	8	MOUNT VERNON	36	YOUNGSTOWN	24
EAST LIVERPOOL	39	NEWARK	45	ZANESVILLE	44
ELYRIA	12	NEW PHILADELPHIA	38		

UNDER 500 WAGE EARNERS

500 TO 2,499 WAGE EARNERS

2,500 OR MORE WAGE EARNERS

○ PLACES OF 10,000 TO 99,999 POPULATION

☆ PLACES OF 100,000 OR MORE POPULATION

INDUSTRIAL AREAS

- 19 AKRON AREA
- 14 CINCINNATI AREA
- 8 CLEVELAND AREA
- 32 DAYTON AREA
- 26 TOLEDO AREA
- 18 YOUNGSTOWN AREA
- 31 WHEELING AREA

Prepared by the Bureau of the Census, Department of Commerce

475614—42——50

OHIO

Table 1.—SUMMARY FOR THE STATE: 1939, 1937, AND 1929

Census year	Number of establishments	Proprietors and firm members	Number of persons employed in manufacturing [1]	Salaries and wages [1]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2]	Value of products [2]	Value added by manufacture [3]
1939	10,070	5,431	686,089	$1,033,426,673	$2,459,191,656	$4,584,665,659	$2,125,474,003
1937	9,138	4,287	798,221	1,200,524,535	2,793,189,697	5,099,816,893	2,306,627,196
1929	11,602	5,883	821,699	1,346,832,003	3,074,557,577	5,899,450,788	2,824,893,211

[1] Figure for 1939 does not include data for employees of manufacturing establishments (except salaried officers of corporations) who were engaged in distribution, construction, and other nonmanufacturing work. For detail, see table 8. It is not known to what extent data for such nonmanufacturing employees were included in figures reported for earlier years. See General Explanations—Persons engaged—general classification.

[2] The aggregates for cost of materials, etc., and value of products include large amounts of duplication due to the use of the products of some industries as materials by others. See General Explanations—Duplication in cost of materials and value of products.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See General Explanations—Value added by manufacture.

Table 2.—SUMMARY FOR INDUSTRIAL AREAS, COUNTIES, AND PLACES: 1939

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2,3]	Value of products [2,3]	Value added by manufacture [4]
The State	6,907,612	[5] 10,070	598,397	$812,676,444	$2,459,191,656	$4,584,665,659	$2,125,474,003
INDUSTRIAL AREAS							
Cleveland Area [6]	1,329,640	2,699	140,653	200,153,593	576,504,827	1,123,146,504	546,641,677
Cincinnati Area, total [7]	907,293	1,772	87,384	112,224,524	386,912,580	702,620,018	315,707,438
Portion in Ohio	742,236	1,655	81,637	105,249,309	367,259,555	666,375,282	299,115,727
Portion in Kentucky	165,057	117	5,747	6,975,215	19,653,025	36,244,736	16,591,711
Youngstown Area, total [8]	570,482	547	72,826	107,944,195	402,716,763	629,223,979	226,507,216
Portion in Ohio	372,566	351	52,290	79,413,976	323,978,253	491,742,406	167,764,153
Portion in Pennsylvania	197,916	196	20,536	28,530,219	78,738,510	137,481,573	58,743,063
Wheeling Area, total [9]	414,064	412	43,519	57,784,542	183,230,586	291,617,809	108,387,223
Portion in Ohio	283,864	239	19,407	26,792,021	91,876,953	140,764,332	48,887,379
Portion in West Virginia	130,200	173	24,112	30,992,521	91,353,633	150,853,477	59,499,844
Akron Area [10]	339,405	341	40,155	65,504,864	166,359,561	332,925,647	166,566,086
Dayton Area [11]	295,480	461	39,367	60,089,013	114,879,532	277,133,661	162,254,129
Toledo Area [12]	344,333	499	30,676	43,655,822	137,933,906	249,409,045	111,475,139
COUNTIES IN OHIO [5]							
Adams	21,705	10	231	163,712	542,206	848,256	306,050
Allen	73,303	92	6,164	6,839,546	19,946,754	36,402,403	16,455,649
Ashland	29,785	46	2,821	3,165,666	7,573,847	14,944,445	7,370,598
Ashtabula	68,674	80	2,435	2,807,668	6,815,889	14,266,233	7,450,344
Athens	46,166	24	658	637,580	1,449,860	3,262,520	1,812,660
Auglaize	28,037	57	1,685	1,480,710	5,331,560	9,883,900	4,552,340
Belmont	95,614	59	3,319	3,998,576	12,700,575	19,144,694	6,444,119
Brown	21,638	15	510	362,578	897,072	1,460,862	563,790
Butler	120,249	130	14,623	21,612,287	68,247,312	114,514,042	46,266,730
Carroll	17,449	17	1,264	1,501,870	2,270,008	4,743,131	2,473,123
Champaign	25,258	26	839	893,011	3,426,817	5,704,251	2,277,434
Clark	95,647	157	10,325	14,451,354	58,301,102	106,358,609	48,057,507
Clermont	34,109	24	681	465,263	851,505	2,062,353	1,210,848
Clinton	22,574	23	550	602,153	823,206	2,219,923	1,396,717
Columbiana	90,121	125	6,671	8,626,309	12,879,202	29,131,085	16,251,883
Coshocton	30,594	45	2,106	2,162,536	5,168,434	10,855,663	5,687,229
Crawford	35,571	69	2,754	3,058,195	9,996,862	19,271,867	9,275,005
Cuyahoga	1,217,250	2,576	125,876	178,521,574	507,320,185	996,703,560	489,383,375
Darke	38,831	57	986	767,092	4,512,154	6,797,853	2,285,699
Defiance	24,367	42	1,398	1,381,578	4,186,321	7,839,114	3,652,793
Delaware	26,780	28	460	462,406	1,339,082	2,608,676	1,269,594
Erie	43,201	87	3,462	3,789,028	12,588,077	23,596,971	11,008,894
Fairfield	48,490	48	5,139	4,913,488	8,826,657	19,598,452	10,771,795
Fayette	21,385	25	703	541,483	1,772,081	3,235,688	1,463,607
Franklin	388,712	521	25,606	29,982,572	90,696,939	181,602,232	90,905,293
Fulton	23,626	30	692	614,257	3,235,795	4,858,479	1,622,684
Gallia	24,930	14	96	83,642	388,584	657,121	268,537
Geauga	19,430	16	471	470,386	1,006,187	2,544,245	1,538,058
Greene	35,863	29	903	853,986	1,896,766	4,867,267	2,970,501
Guernsey	38,822	33	1,637	1,576,694	1,750,885	4,889,893	3,139,008
Hamilton	621,987	1,525	67,014	83,637,022	299,012,243	551,861,240	252,848,997
Hancock	40,793	48	2,568	2,946,923	13,609,282	20,959,517	7,350,235
Hardin	27,061	33	530	497,179	1,305,343	2,682,641	1,377,298
Harrison	20,313	14	552	669,956	787,715	1,908,582	1,120,867
Henry	22,756	30	280	239,391	1,285,497	2,000,463	714,966
Highland	27,099	31	874	708,749	1,693,518	3,448,167	1,754,649

See footnotes at end of table.

TABLE 2.—SUMMARY FOR INDUSTRIAL AREAS, COUNTIES, AND PLACES: 1939—Continued

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
COUNTIES IN OHIO [5]—Continued							
Hocking	21,504	20	1,071	$996,001	$1,918,780	$3,704,927	$1,786,147
Holmes	17,876	21	159	157,629	387,209	732,499	345,290
Huron	34,800	56	1,448	1,228,651	3,727,416	7,472,515	3,745,099
Jackson	27,004	28	1,010	934,935	3,655,408	5,557,737	1,902,329
Jefferson	98,129	55	9,417	14,167,136	66,297,176	92,488,553	26,191,377
Knox	31,024	34	1,678	2,317,337	5,497,665	11,525,101	6,027,436
Lake	50,020	51	4,020	5,446,729	13,921,964	31,383,298	17,461,334
Lawrence	46,705	37	1,700	1,860,338	3,536,106	8,279,246	4,743,140
Licking	62,279	67	3,428	4,690,141	18,294,846	29,563,990	11,269,144
Logan	29,624	32	518	521,315	1,932,286	3,387,377	1,455,091
Lorain	112,390	123	14,777	21,632,019	69,184,642	126,442,944	57,258,302
Lucas	344,333	499	30,676	43,655,822	137,933,906	249,409,045	111,475,139
Madison	21,811	15	239	164,407	625,669	1,144,823	519,154
Mahoning	240,251	210	33,074	49,536,662	206,154,611	304,794,591	98,639,980
Marion	44,898	52	2,951	3,506,837	8,689,808	18,248,451	9,558,643
Medina	33,034	37	2,021	2,427,685	6,289,949	11,415,855	5,125,906
Meigs	24,104	14	200	150,931	404,494	910,074	505,580
Mercer	26,256	37	1,402	1,329,397	4,786,797	9,282,297	4,495,500
Miami	52,632	90	4,594	5,025,501	18,971,211	36,537,206	17,565,995
Monroe	18,641	6	12	11,449	65,127	119,503	54,376
Montgomery	295,480	461	39,367	60,089,013	114,879,532	277,133,661	162,254,129
Morgan	14,227	14	146	110,872	623,297	899,323	276,026
Morrow [13]	15,646	12	327				
Muskingum	69,795	73	5,727	7,196,722	13,189,899	28,492,563	15,302,664
Noble	14,587	8	71	66,926	135,731	248,012	112,281
Ottawa	24,360	33	1,941	2,487,339	5,906,249	13,205,093	7,298,844
Paulding	15,527	10	124	126,006	775,152	1,158,228	383,076
Perry	31,087	28	1,281	1,293,771	932,600	3,343,081	2,410,481
Pickaway	27,889	22	498	437,468	5,107,173	7,176,842	2,069,669
Pike	16,113	9	35	18,689	69,259	154,822	85,563
Portage	46,660	60	3,247	4,117,575	19,052,019	29,879,643	10,827,624
Preble	23,329	26	180	129,914	450,156	895,710	445,554
Putnam	25,016	24	234	184,464	925,764	1,419,734	493,970
Richland	73,853	109	9,537	12,114,693	42,157,288	71,849,888	29,692,600
Ross	52,147	27	2,756	3,080,399	10,533,590	19,422,694	8,889,104
Sandusky	41,014	78	3,362	3,896,227	9,535,778	19,827,653	10,291,875
Scioto	86,565	54	8,059	9,182,798	20,545,773	37,996,387	17,450,614
Seneca	48,499	74	3,700	4,335,522	10,745,125	23,289,225	12,544,100
Shelby	26,071	41	1,709	2,051,912	4,090,746	9,098,181	5,007,435
Stark	234,887	328	28,898	42,116,892	116,803,552	224,734,793	107,931,241
Summit	339,405	341	40,155	65,504,864	166,359,561	332,925,647	166,566,086
Trumbull	132,315	141	19,216	29,877,314	117,823,642	186,947,815	69,124,173
Tuscarawas	68,816	107	5,558	6,501,945	10,838,103	24,552,523	13,714,420
Union [13]	20,012	14	504				
Van Wert	26,759	28	608	503,609	1,513,762	3,010,053	1,496,291
Vinton [13]	11,573	12	161				
Warren	29,894	29	1,546	1,617,399	6,463,686	11,589,525	5,125,839
Washington	43,537	39	791	797,978	2,302,643	4,483,869	2,181,226
Wayne	50,520	72	2,535	2,945,354	10,927,136	18,313,037	7,385,901
Williams	25,510	50	1,429	1,248,765	3,725,542	6,934,561	3,209,019
Wood	51,796	53	2,881	3,839,744	10,763,001	25,970,130	15,207,129
Wyandot	19,218	23	536	559,004	1,338,209	3,070,074	1,731,865
Undistributed [14]		38	992	995,924	3,967,096	6,508,462	2,541,366
PLACES HAVING 10,000 OR MORE INHABITANTS							
Akron	244,791	262	33,060	55,622,355	145,442,726	279,302,236	133,859,510
Alliance	22,405	46	2,283	2,814,530	5,263,057	12,128,963	6,865,906
Ashland	12,453	34	2,336	2,413,094	4,851,179	10,557,820	5,706,641
Ashtabula	21,405	35	1,190	1,541,381	4,373,036	8,341,872	3,968,836
Barberton	24,028	32	5,732	8,176,677	16,881,121	45,156,687	28,275,566
Bellaire	13,799	14	638	628,835	511,410	1,780,480	1,269,070
Cambridge	15,044	24	1,390	1,329,589	1,163,991	3,839,983	2,675,992
Campbell [15]	13,785	7	8,523				
Canton	108,401	163	16,691	25,617,797	63,118,066	126,336,965	63,218,899
Chillicothe [15]	20,129	23	2,710				
Cincinnati	455,610	1,328	52,847	64,772,765	189,542,765	380,706,322	191,163,557
Cleveland	878,336	2,330	112,092	158,272,247	447,892,451	881,629,869	433,737,418
Cleveland Heights	54,992	19	75	96,684	244,876	433,830	188,954
Columbus	306,087	465	21,752	25,480,637	76,557,165	155,725,838	79,168,673
Coshocton	11,509	35	1,397	1,407,602	3,494,422	6,925,518	3,431,096
Cuyahoga Falls	20,546	26	377	588,447	1,530,291	3,109,495	1,579,204
Dayton [15]	210,718	415	31,388				
East Cleveland	39,495	38	1,710	2,102,500	3,946,343	9,579,324	5,632,981
East Liverpool	23,555	40	1,440	1,793,120	1,770,229	5,645,610	3,875,381
Elyria	25,120	46	4,832	6,505,951	11,514,182	25,756,528	14,242,346
Euclid	17,866	25	3,698	6,019,352	18,513,117	38,628,515	20,115,398
Findlay	20,228	37	1,852	1,928,904	9,516,016	14,817,512	5,301,496
Fostoria	13,453	29	1,636	2,263,415	7,285,171	12,524,315	5,239,144
Fremont	14,710	45	2,079	2,290,514	5,891,233	11,677,012	5,785,779
Garfield Heights	16,989	14	555	725,669	1,906,195	3,714,789	1,808,594

See footnotes at end of table.

TABLE 2.—SUMMARY FOR INDUSTRIAL AREAS, COUNTIES, AND PLACES: 1939—Continued

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2] [3]	Value of products [2] [3]	Value added by manufacture [4]
PLACES HAVING 10,000 OR MORE INHABITANTS—Con.							
Hamilton	50,592	76	7,139	$9,532,227	$19,172,934	$40,655,501	$21,482,567
Ironton	15,851	29	1,112	1,234,490	2,599,045	5,619,489	3,020,444
Lakewood	69,160	48	1,398	1,719,163	4,006,975	9,194,134	5,187,159
Lancaster	21,940	31	4,643	4,360,308	6,613,385	16,325,796	9,712,411
Lima	44,711	69	4,770	5,415,011	14,441,133	26,737,075	12,295,942
Lorain [15]	44,125	41	8,967				
Mansfield	37,154	76	6,906	9,040,910	33,118,439	55,576,648	22,458,209
Marietta	14,543	25	555	582,836	1,436,703	2,832,408	1,395,705
Marion	30,817	40	2,826	3,390,918	7,881,883	16,882,671	9,000,788
Martins Ferry	14,729	18	2,052	2,929,204	10,659,726	14,753,540	4,093,814
Massillon	26,644	50	1,733	2,392,441	10,379,513	17,131,752	6,752,239
Middletown	31,220	31	6,856	11,259,397	40,853,041	63,078,114	22,225,073
Mount Vernon	10,122	18	432	497,162	1,325,972	2,847,253	1,521,281
Newark [15]	31,487	48	3,074				
New Philadelphia	12,328	16	488	475,954	1,085,056	1,989,574	904,518
Niles	16,273	19	2,005	2,601,962	7,430,965	14,755,802	7,324,837
Norwood	34,010	66	5,865	8,112,362	41,824,341	69,780,535	27,956,194
Painesville	12,235	14	242	238,631	686,307	1,583,291	896,984
Parma	16,365	6	94	162,893	253,297	606,350	353,053
Piqua	16,049	45	2,158	2,151,892	9,298,315	15,435,895	6,137,580
Portsmouth [15]	40,466	44	4,591				
Salem	12,301	27	2,898	4,226,565	7,123,156	14,426,304	7,303,148
Sandusky	24,874	64	2,953	3,219,647	9,197,291	18,371,994	9,174,703
Shaker Heights [15]	23,393	1					
Springfield	70,662	146	10,177	14,277,350	57,643,034	105,185,584	47,542,550
Steubenville [15]	37,651	35	5,455				
Struthers [15]	11,739	10	1,240				
Tiffin	16,102	40	1,743	1,871,161	4,147,760	9,598,152	5,450,392
Toledo	282,349	456	27,872	39,394,179	112,853,578	213,596,139	100,742,561
Warren	42,837	57	4,848	6,632,636	16,023,181	34,850,745	18,827,564
Wooster	11,543	24	693	730,612	2,615,531	5,250,034	2,634,503
Xenia	10,633	17	535	430,708	990,835	2,203,387	1,212,552
Youngstown	167,720	144	19,417	28,564,765	130,985,455	188,719,969	57,734,514
Zanesville	37,500	43	2,913	3,650,806	7,589,284	15,749,741	8,160,457

[1] Not including salaried officers and employees nor nonmanufacturing wage earners. The figure for each county or place is an average of the numbers reported for the several months of the year. In calculating it, equal weight must be given to full-time and to part-time wage earners (not reported separately by the manufacturers), and for this reason it exceeds the number that would have been required to perform the work done in the industries if all wage earners had been continuously employed throughout the year. The quotient obtained by dividing the amount of wages by the average number of wage earners cannot, therefore, be accepted as representing the average wage received by full-time wage earners. Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several counties do not add exactly to the average for the State. In making comparisons between the figures for 1939 and those for earlier years, the possibility that the proportion of part-time employment varied from year to year should be taken into account.

[2] Profits and losses cannot be calculated from the census figures because no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, and advertising.

[3] See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture

[5] For numbers of establishments by "Industry groups," see table 11.

[6] The Cleveland Industrial Area comprises Cuyahoga and Lorain Counties. For statistics by industries, see table 9.

[7] The Cincinnati Industrial Area comprises Hamilton and Butler Counties, Ohio, and Campbell and Kenton Counties, Ky. For statistics by industries, see table 9.

[8] The Youngstown Industrial Area comprises Mahoning and Trumbull Counties, Ohio, and Mercer and Lawrence Counties, Pa. For statistics by industries, see table 9.

[9] The Wheeling Industrial Area comprises Belmont, Columbiana, and Jefferson Counties, Ohio, and Hancock, Brooke, and Ohio Counties, W.Va. For statistics by industries, see table 9.

[10] The Akron Industrial Area is coextensive with Summit County. For statistics by industries, see table 9.

[11] The Dayton Industrial Area is coextensive with Montgomery County. For statistics by industries, see table 9.

[12] The Toledo Industrial Area is coextensive with Lucas County. For statistics by industries, see table 9.

[13] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Undistributed" figures.

[14] The "Undistributed" figure for number of establishments and the "Undistributed" figure for number of wage earners are included above in the items for the respective counties. The sums of the figures in these two columns are, therefore, larger than the corresponding State totals.

[15] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments, and for the same reason no table giving statistics by industries for Dayton is included in this report.

TABLE 3.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, BY SEX: 1939 AND 1929

[The 1939 questionnaire, for the first time, called for data on the *total* number of employees in manufacturing establishments, including those engaged wholly or chiefly in distribution, construction, and other nonmanufacturing activities. It is not known to what extent data for such employees were included in the figures reported for earlier years. This table presents detailed figures for employees receiving pay at any time within the *normal* pay-roll period ended nearest Oct. 14, 1939, and for such employees on the pay roll on Dec. 14, 1929, or on the nearest *representative* date. The total for "Wage earners engaged in manufacturing" is not identical with the average for the year (given in other tables), and differs from the number reported for October 1939 or for December 1929, because for both years some manufacturers gave wage-earner figures for months other than those specified. See GENERAL EXPLANATIONS—Persons engaged—general classification]

CLASS AND SEX	1939 (Oct. 14) [1]	1929 (Dec. 14) [1]
All classes, aggregate [2]	792,336	822,645
Male	644,681	678,120
Female	147,655	144,525
Salaried officers and employees, total	136,880	109,083
Male	105,325	77,404
Female	31,555	31,679
Salaried officers of corporations, total	9,189	10,621
Male	8,638	10,191
Female	551	430
All other employees (except wage earners in manufacturing), total	127,691	98,462
Male	96,687	67,213
Female	31,004	31,249
Salaried officers and employees—Continued.		
All other employees, etc.—Continued.		
Engaged in manufacturing:		
Male	60,331	(3)
Female	18,172	
Engaged in distribution:		
Male	31,427	
Female	12,537	
Engaged in construction:		
Male	3,410	
Engaged in other work:		
Male	1,519	
Female	295	
Wage earners engaged in manufacturing, total	655,456	713,562
Male	539,356	600,716
Female	116,100	112,846

[1] See headnote. [2] Figures do not include data for 5,431 proprietors and firm members for 1939, which were not reported by sex, and 5,883 for 1929. [3] No data.

TABLE 4.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS: 1939, 1937, AND 1929

[The figures for 1939 relate to wage earners engaged in manufacturing only. It is not known to what extent the figures for earlier years include data for nonmanufacturing wage earners. See headnote to table 3]

CENSUS YEAR	Average number employed during year [1]	NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH—											
		January	February	March	April	May	June	July	August	September	October	November	December
1939	598, 397	561, 486	568, 641	577, 063	577, 000	571, 161	574, 198	572, 673	592, 343	622, 921	650, 566	656, 103	656, 611
1937	694, 205	668, 631	693, 244	706, 639	715, 110	728, 882	692, 978	710, 984	713, 756	720, 041	707, 344	658, 530	614, 324
1929	712, 616	694, 207	717, 220	725, 159	737, 358	743, 166	738, 220	733, 900	726, 916	730, 171	711, 712	662, 632	630, 742

[1] See GENERAL EXPLANATIONS—Wage earners and wages.

TABLE 5.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY NUMBER OF WAGE EARNERS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS	VALUE ADDED BY MANUFACTURE [2]
	1939	1929	1939	1929	1939	1939
All establishments	10, 070	11, 602	598, 397	712, 616	$4, 584, 665, 659	$2, 125, 474, 003
No wage earners	362	332			13, 338, 982	7, 379, 015
1 to 5	3, 831	4, 679	10, 352	12, 936	97, 183, 679	47, 362, 204
6 to 20	2, 610	2, 966	28, 760	32, 699	220, 678, 487	109, 748, 424
21 to 50	1, 286	1, 493	42, 379	49, 594	318, 027, 367	153, 630, 313
51 to 100	828	851	59, 865	61, 142	441, 650, 658	211, 102, 287
101 to 250	687	754	107, 617	116, 235	774, 580, 295	359, 571, 761
251 to 500	274	284	94, 128	99, 483	711, 398, 216	324, 114, 196
501 to 1,000	107	155	74, 605	106, 685	581, 121, 476	269, 248, 558
1,001 to 2,500	63	66	92, 284	96, 658	740, 395, 276	342, 226, 730
2,501 or more	22	22	88, 407	137, 184	686, 291, 223	301, 090, 515

[1] See headnotes to tables 3 and 4. [2] See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 6.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY VALUE OF PRODUCTS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
All establishments	10, 070	11, 602	598, 397	712, 616	$4, 584, 665, 659	$5, 899, 450, 788	$2, 125, 474, 003	$2, 824, 893, 211
$5,000 to $19,999	2, 909	3, 382	7, 770	8, 369	32, 816, 654	38, 786, 429	19, 121, 801	23, 919, 204
$20,000 to $49,999	2, 091	2, 399	13, 553	14, 658	67, 601, 056	76, 931, 238	38, 333, 294	45, 769, 939
$50,000 to $99,999	1, 315	1, 558	17, 321	20, 315	93, 134, 185	141, 421, 845	51, 694, 501	96, 753, 473
$100,000 to $249,999	1, 457	1, 664	42, 625	46, 478	233, 164, 507	268, 800, 402	127, 004, 445	154, 812, 307
$250,000 to $499,999	843	952	52, 009	56, 275	301, 973, 391	336, 498, 181	156, 198, 712	186, 639, 698
$500,000 to $999,999	640	672	71, 682	75, 045	450, 714, 060	477, 283, 246	232, 085, 779	251, 967, 434
$1,000,000 to $2,499,999	492	566	108, 048	116, 091	762, 371, 167	877, 053, 853	371, 769, 165	452, 145, 224
$2,500,000 to $4,999,999	166	217	71, 166	90, 476	583, 334, 531	821, 177, 413	280, 329, 260	424, 474, 646
$5,000,000 and over	157	192	214, 223	284, 909	2, 059, 556, 108	2, 861, 498, 181	848, 937, 046	1, 188, 411, 286

[1] See headnotes to tables 3 and 4. [2] See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 7.—ESTABLISHMENTS CLASSIFIED AS UNDER CORPORATE OR OTHER FORM OF OWNERSHIP (OR CONTROL) AND AS UNDER CENTRAL-ADMINISTRATIVE-OFFICE OR INDEPENDENT OPERATION: 1939 AND 1929

TYPE OF OWNERSHIP OR CONTROL, AND OF OPERATION	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
Total	10, 070	11, 602	598, 397	712, 616	$4, 584, 665, 659	$5, 899, 450, 788	$2, 125, 474, 003	$2, 824, 893, 211
TYPE OF OPERATION								
1939 [3]								
Corporate ownership or control:								
Central-administrative-office (plural-unit)	1, 839	(3)	344, 880	(3)	2, 967, 961, 524	(3)	1, 272, 961, 574	(3)
Independent (single-unit)	4, 350	(3)	225, 143	(3)	1, 443, 250, 485	(3)	769, 232, 797	(3)
Noncorporate ownership:								
Central-administrative-office (plural-unit)	136	(3)	1, 748	(3)	12, 436, 933	(3)	5, 557, 564	(3)
Independent (single-unit)	3, 745	(3)	26, 626	(3)	161, 016, 717	(3)	77, 722, 068	(3)
1939 AND 1929 [3]								
Central-administrative-office (plural-unit), corporate and noncorporate	1, 975	1, 419	346, 628	340, 102	2, 980, 398, 457	3, 177, 026, 705	1, 278, 519, 138	1, 369, 379, 658
Independent (single-unit), corporate and noncorporate	8, 095	10, 183	251, 769	372, 514	1, 604, 267, 202	2, 722, 424, 083	846, 954, 865	1, 455, 513, 553
TYPE OF OWNERSHIP OR CONTROL								
Corporate	6, 139	6, 545	570, 023	676, 073	4, 411, 212, 009	5, 672, 791, 563	2, 042, 194, 371	2, 707, 091, 818
Noncorporate, total	3, 881	5, 057	28, 374	36, 543	173, 453, 650	226, 659, 225	83, 279, 632	117, 801, 393
Individual	2, 629	(4)	16, 777	(4)	97, 052, 311	(4)	45, 843, 977	(4)
Partnership	1, 176	(4)	10, 667	(4)	67, 566, 909	(4)	34, 282, 331	(4)
Cooperative	50	(4)	603	(4)	6, 489, 602	(4)	1, 829, 583	(4)
Other	26	(4)	327	(4)	2, 344, 828	(4)	1, 323, 741	(4)

[1] See headnotes to tables 3 and 4. [2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Because of changes in the questionnaire, no comparable figures for 1929 can be given for the first section of this table. For this reason, the items have been regrouped under "1939 and 1929" to present comparable figures so far as this can be done. [4] No data.

TABLE 8.—GENERAL STATISTICS FOR

[This table presents separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establish
are given, however, reported larger numbers of wage earners or

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1]						
					Total [2]	Salaried officers of corporations [2]	Manufacturing		Distribution	Construction	Other
							Salaried employees [2]	Wage earners (average for year) [3]			
1		All industries, total	10,070	5,431	735,277	9,189	78,503	598,397	43,964	3,410	1,814
2	13	Abrasive wheels, stones, paper, cloth, and related products	18	4	648	26	71	457	52	16	26
3	17	Agricultural machinery (except tractors)	21	2	1,887	40	210	1,504	122		11
4	19	Aircraft and parts, including aircraft engines	18	5	1,046	25	189	754	66	3	9
5	15	Alloying, and rolling and drawing of nonferrous metals, except aluminum	10	1	1,752	11	170	1,550	18	2	1
6	15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	22	14	2,108	11	307	1,684	25	81	
7	15	Aluminum ware, kitchen, hospital, and household (except electrical appliances)	9	5	1,493	18	128	1,187	155	2	3
8	3	Artificial leather and oilcloth	3		1,000	7	57	758	178		
9	20	Artists' materials	9	5	112	6	12	68	26		
10	13	Asbestos products (except steam packing and pipe and boiler covering)	5	1	442	6	14	415	7		
11	14	Automobile stampings	23	3	2,640	45	281	2,277	24	12	1
12	16	Automotive electrical equipment	16	3	5,402	19	453	4,879	42		9
13	6	Baskets for fruits and vegetables	18	9	534	10	33	485	6		
14	16	Batteries, storage and primary (dry and wet)	18	7	4,006	15	541	3,330	70		50
15	3	Batting, padding, and wadding; upholstery filling	4		317	7	22	288			
16	20	Beauty-shop and barber-shop equipment	3	1	126	9	14	87	16		
17	1	Beet sugar	4		502	4	32	466			
18	1	Biscuit, crackers, and pretzels	21	6	2,914	24	218	2,490	148	34	
19	14	Blast-furnace products	23		5,445	12	593	4,736	2	102	
20	17	Blowers, exhaust and ventilating fans	8	1	400	7	65	312	16		
21	19	Boat building and boat repairing	5	6	64	2	10	52			
22	14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	34	8	5,788	41	502	5,028	214	3	
23	8	Bookbinding and related industries	62	50	1,929	72	222	1,434	201		
24	8	Books: printing without publishing	37	10	893	54	116	661	62		
25	8	Books: publishing and printing	13	6	857	20	57	692	88		
26	8	Books: publishing without printing	19	8	352	8	237	1	106		
27	12	Boot and shoe cut stock and findings	12	5	704	8	42	632	13	9	
28	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	1,072	1,112	17,799	192	966	14,702	1,636	59	244
29	13	Brick and hollow structural tile	75	20	4,471	73	268	4,037	76	15	2
30	20	Brooms	18	17	179	9	11	145	14		
31	20	Brushes	16	6	777	22	97	612	46		
32	20	Buttons	3	1	59	1	2	56			
33	1	Candy and other confectionery products	69	46	1,962	49	116	1,655	128	4	10
34	1	Canned and dried fruits and vegetables (including canned soups)	84	48	2,532	49	149	2,281	31	3	19
35	4	Canvas products (except bags)	22	9	983	21	103	649	209		1
36	20	Carbon paper and inked ribbons	4	2	170	6	32	100	32		
37	16	Carbon products for the electrical industry, and manufactures of carbon or artificial graphite	5	1	1,198	14	179	947	41	16	1
38	19	Cars and car equipment—railroad, street, and rapid-transit	6		1,054	3	159	885	5	2	
39	17	Cars and trucks, industrial	12	5	805	29	94	554	121	2	5
40	6	Caskets, coffins, burial cases, and other morticians' goods	51	22	2,377	65	240	1,726	346		
41	14	Cast-iron pipe and fittings	5		716	4	54	652	6		
42	13	Cement	11		1,534	7	167	1,281	52	19	8
43	1	Cheese	53	34	240	5	27	176	29		3
44	9	Chemicals not elsewhere classified	49	9	6,282	26	865	5,008	94	249	40
45	1	Chewing gum	4	1	74	3	7	52	12		
46	20	Children's vehicles	5	1	817	5	51	744	14	3	
47	6	Cigar boxes: wooden, part wooden	4	1	148	4	5	136	3		
48	2	Cigars	31	19	2,356	13	129	2,171	43		
49	13	Clay products (except pottery), not elsewhere classified	38	24	845	25	40	755	22	3	
50	13	Clay refractories, including refractory cement (clay)	33	2	2,013	29	131	1,828	20	5	
51	9	Cleaning and polishing preparations, blackings, and dressings	50	30	532	32	94	249	155		2
52	15	Clocks, watches, and materials and parts (except watch cases)	5	1	330	9	24	182	109	6	
53	4	Clothing, leather and sheep-lined	3	1	258	6	15	235	2		
54	3	Cloth sponging and miscellaneous special finishing	9	5	134	9	11	110	4		
55	9	Coal-tar products, crude and intermediate	4		80		14	66			
56	7	Coated and glazed paper	15		934	23	144	684	61	22	
57	4	Coats, suits, and skirts (except fur coats)—made in contract factories	11	16	241	1	1	238	1		
58	4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	24	9	1,464	29	143	1,166	120		6
59	14	Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills	8		1,521	12	143	1,314	33	19	
60	9	Colors and pigments	3		49	1	3	37	8		
61	17	Commercial laundry, dry-cleaning, and pressing machinery	4	1	435	3	83	349			
62	16	Communication equipment	16	2	1,491	29	209	1,173	79	1	
63	9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	35		726	8	68	450	199	1	
64	13	Concrete products	147	104	1,308	71	96	980	155	4	2
65	1	Condensed and evaporated milk	44	6	1,058	15	121	799	80	19	24
66	17	Construction and similar machinery (except mining and oil-field machinery and tools)	37	10	6,130	90	905	4,534	557	13	31
67	7	Converted paper products not elsewhere classified	13	3	1,452	15	166	1,102	169		
68	6	Cooperage	23	4	413	6	18	382	7		
69	3	Cordage and twine	3		364	4	5	346	9		
70	3	Cotton narrow fabrics	3		119	7	7	98	7		
71	1	Creamery butter	121	74	1,922	33	291	1,117	387	22	72

See footnotes at end of table.

THE STATE, BY INDUSTRIES: 1939

ments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures larger values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [3]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
1,125,369,470	58,008,523	162,741,706	812,676,444	84,109,514	5,416,991	2,416,292	2,459,191,656	2,295,273,491	107,662,584	38,068,138	18,187,443	4,584,665,659	2,125,474,003	1
896,882	148,393	136,496	449,804	136,137	1,747	24,305	1,565,098	1,462,753	61,124	39,373	1,848	3,236,843	1,671,745	2
2,300,608	167,884	277,478	1,650,723	199,117	----------	5,406	3,819,373	3,680,166	100,968	38,193	46	8,974,537	5,155,164	3
1,634,220	112,594	374,554	1,040,335	95,816	600	10,321	2,448,923	2,393,289	10,751	29,280	15,603	5,257,994	2,809,071	4
2,720,056	104,270	316,637	2,280,180	16,007	1,815	1,147	12,287,937	11,902,935	182,651	200,164	2,187	17,192,046	4,904,109	5
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	6
2,162,792	176,194	235,096	1,472,481	273,190	2,973	2,858	3,296,131	3,160,486	58,706	67,939	9,000	6,478,264	3,182,133	7
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	8
198,126	37,020	15,290	89,150	56,666	----------	----------	218,911	200,720	3,315	14,876	----------	534,903	315,992	9
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	10
3,894,956	252,798	541,245	2,999,921	85,491	15,021	480	6,426,086	6,179,893	58,080	157,840	30,273	12,397,734	5,971,648	11
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	12
427,050	31,920	51,780	335,997	7,353	----------	----------	275,161	265,611	950	8,600	----------	979,089	703,928	13
6,250,533	123,434	1,208,889	4,645,234	185,345	----------	87,631	12,234,479	11,825,921	165,116	228,625	14,817	24,661,269	12,426,790	14
(5)	(5)	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	15
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	16
653,926	26,000	58,204	537,362	----------	32,360	----------	2,448,960	2,190,031	240,591	18,338	----------	3,605,518	1,156,558	17
3,502,699	166,427	439,106	2,577,828	274,175	45,163	----------	8,307,007	8,090,370	137,499	79,138	----------	19,278,089	10,971,082	18
9,051,954	78,303	1,638,705	7,212,408	5,596	116,942	----------	111,416,634	77,255,527	33,839,731	321,376	----------	131,824,375	20,407,741	19
586,752	63,679	96,734	367,169	59,170	----------	----------	1,186,830	1,102,791	5,458	9,137	69,444	2,578,615	1,391,785	20
76,561	4,300	13,538	58,723	----------	----------	----------	86,537	84,054	985	1,285	213	201,196	114,659	21
8,661,302	385,821	1,041,970	6,782,007	446,369	5,135	----------	11,936,190	11,146,677	310,496	330,775	148,242	26,625,254	14,689,064	22
2,799,883	396,686	411,683	1,656,368	334,445	701	----------	2,213,434	2,069,017	19,196	40,860	84,361	7,176,173	4,962,739	23
1,762,887	297,107	242,170	1,015,098	208,512	----------	----------	1,577,312	1,221,081	8,282	36,675	311,274	4,086,496	2,509,184	24
1,255,726	134,071	109,849	838,825	172,981	----------	----------	1,827,753	1,321,229	15,062	16,083	475,379	3,925,817	2,098,064	25
591,184	40,274	379,746	795	170,369	----------	----------	1,027,399	172,765	----------	3,782	850,852	2,853,420	1,826,021	26
629,227	30,007	57,771	512,275	24,097	5,077	----------	909,642	888,058	5,463	16,121	----------	1,821,272	911,630	27
23,664,194	851,338	1,792,828	18,623,830	2,074,915	74,938	246,345	38,701,908	36,891,290	1,072,007	738,611	----------	84,324,585	45,622,677	28
5,469,071	382,260	453,583	4,451,983	165,948	13,837	1,460	3,652,768	1,419,004	1,801,969	386,167	45,628	11,939,903	8,287,135	29
145,512	10,737	9,109	110,850	14,816	----------	----------	261,733	257,082	1,719	2,932	----------	476,791	215,058	30
1,068,737	125,209	172,315	691,681	79,532	----------	----------	1,959,702	1,934,050	7,027	18,568	57	4,118,333	2,158,631	31
41,487	3,000	1,888	36,599	----------	----------	----------	24,996	23,700	352	904	40	73,725	48,729	32
1,924,458	233,690	186,252	1,294,956	191,177	6,974	11,409	6,388,317	6,276,942	51,837	59,538	----------	9,572,157	3,183,840	33
1,573,296	158,217	181,709	1,187,404	34,851	5,060	6,055	6,848,967	6,704,862	95,232	36,403	12,470	10,035,902	3,186,935	34
1,085,898	88,237	107,145	559,136	330,080	----------	1,300	1,275,210	1,248,007	12,969	12,752	1,482	3,038,576	1,763,366	35
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	36
1,914,054	136,301	363,410	1,326,619	60,914	26,610	200	1,520,539	1,248,896	149,123	92,391	30,129	4,514,881	2,994,342	37
1,562,581	22,810	333,379	1,190,670	11,707	4,015	----------	5,018,358	4,906,945	47,480	63,933	----------	8,128,197	3,109,839	38
1,147,966	110,487	155,328	561,222	307,949	2,600	10,380	1,569,384	1,517,714	23,348	26,237	2,085	3,372,443	1,803,059	39
3,523,189	332,763	402,204	1,997,919	790,303	----------	----------	4,555,096	4,392,009	75,746	83,467	3,874	11,095,559	6,540,463	40
1,002,939	34,800	106,130	844,651	17,358	----------	----------	1,247,744	1,045,175	140,611	53,322	8,636	3,515,372	2,267,628	41
2,275,066	60,286	396,138	1,653,182	138,911	16,273	10,276	3,181,065	1,892,601	1,029,393	259,071	----------	8,603,787	5,422,722	42
296,565	18,136	51,161	197,232	24,440	----------	5,596	2,512,725	2,448,488	36,618	27,619	----------	3,116,388	603,663	43
10,414,966	276,830	2,079,078	7,277,418	261,069	446,373	74,198	29,722,390	25,240,142	3,797,795	678,423	6,030	60,931,764	31,209,374	44
74,590	5,626	10,076	36,848	22,040	----------	----------	131,900	126,209	2,473	3,218	----------	259,217	127,317	45
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	46
144,698	10,400	17,670	113,716	2,912	----------	----------	112,427	106,454	1,693	4,280	----------	402,788	290,361	47
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	48
923,095	74,415	58,118	753,571	32,166	4,825	----------	489,366	132,796	308,737	47,833	----------	2,026,737	1,537,371	49
2,437,268	100,179	259,065	2,030,538	33,845	13,641	----------	1,698,479	1,029,216	580,362	88,901	----------	5,742,612	4,044,133	50
1,014,215	276,986	213,064	274,421	248,287	147	1,310	2,819,037	2,789,958	14,073	15,006	----------	7,546,729	4,727,692	51
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	52
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	53
208,002	33,788	26,299	142,220	5,695	----------	----------	356,142	338,459	6,384	11,299	----------	1,199,359	843,217	54
(5)	----------	(5)	(5)	----------	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	55
1,600,741	241,546	267,194	908,901	165,948	17,152	----------	6,893,226	6,785,334	54,574	53,318	----------	10,103,751	3,210,525	56
262,956	1,200	700	260,900	156	----------	----------	5,132	2,355	668	2,109	----------	316,162	311,030	57
2,187,713	102,200	296,538	1,558,474	225,539	----------	4,962	4,181,139	3,766,847	7,505	16,400	390,387	7,802,500	3,621,361	58
2,812,339	136,759	378,365	2,128,564	133,051	35,600	----------	9,453,180	9,085,899	136,642	230,639	----------	15,874,330	6,421,150	59
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	60
(5)	(5)	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	61
1,851,259	222,099	303,193	1,188,761	136,006	1,200	----------	2,294,655	2,262,382	13,429	18,844	----------	5,648,428	3,353,773	62
1,294,938	58,386	169,192	657,036	409,019	1,305	----------	1,216,449	784,736	38,632	393,081	----------	5,577,974	4,361,525	63
1,784,623	249,636	149,573	1,109,397	266,206	9,225	586	3,616,983	3,478,513	66,677	66,062	5,731	7,987,401	4,370,418	64
1,450,190	105,518	197,715	957,374	146,134	23,179	20,270	13,789,184	13,437,886	263,820	87,478	----------	17,556,742	3,767,558	65
10,225,683	758,625	1,794,229	6,223,472	1,364,198	19,341	65,818	18,261,543	17,458,449	233,375	343,582	226,137	36,967,862	18,706,319	66
2,224,468	127,689	349,290	1,384,891	362,598	----------	----------	5,648,127	5,577,604	44,993	25,484	46	11,428,142	5,780,015	67
518,039	41,900	40,120	425,578	10,441	----------	----------	1,627,125	1,611,325	8,697	7,103	----------	2,555,334	928,209	68
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	69
156,906	34,776	17,941	92,935	11,254	----------	----------	242,788	234,247	1,400	6,691	450	566,541	323,753	70
2,432,010	141,820	416,222	1,231,781	554,846	32,509	54,832	20,112,769	19,718,211	207,522	186,547	489	24,895,534	4,782,765	71

TABLE 8.—GENERAL STATISTICS FOR THE

	Group	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS[1] Total[2]	Salaried officers of corporations[3]	Manufacturing: Salaried employees[2]	Manufacturing: Wage earners (average for year)[4]	Distribution	Construction	Other
1	1	Cured fish	3	2	13	2		8	3		
2	4	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	4	3	42		2	30	10		
3	1	Custom slaughtering, wholesale	4	3	57	2	1	47	1	4	2
4	14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	14	9	1,056	21	99	903	33		
5	20	Dental equipment and supplies	10	3	602	13	46	448	94	1	
6	7	Die-cut paper and paperboard, and converted cardboard	11	1	597	23	34	463	75	2	
7	14	Doors, window sash, frames, molding, and trim (made of metal)	10	1	1,148	23	142	803	177	3	
8	9	Drugs and medicines (including drug grinding)	75	28	1,710	89	284	772	544	6	15
9	3	Dyeing and finishing cotton, rayon, silk, and linen textiles	3	1	403	4	39	360			
10	16	Electrical appliances	18	3	7,708	40	667	6,152	830	8	11
11	16	Electrical measuring instruments	8	1	501	9	58	412	22		
12	16	Electrical products not elsewhere classified	18	3	1,063	14	159	877	13		
13	15	Electroplating, plating, and polishing	62	50	1,183	44	79	1,033	22	2	3
14	8	Electrotyping and stereotyping, not done in printing establishments	26	6	879	34	149	622	64	1	9
15	17	Elevators, escalators, and conveyors	17	4	1,623	50	302	1,077	174	5	15
16	4	Embroideries, other than Schiffli-machine products—contract factories	5	9	106	3	2	92	9		
17	4	Embroideries, other than Schiffli-machine products—made in regular factories or by jobbers engaging contractors	5	9	18			17	1		
18	14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	33	6	3,317	53	218	2,885	157	4	
19	14	Enameling, japanning, and lacquering	9	6	119	7	9	100	3		
20	15	Engraving on metal (except for printing purposes)	6	5	40	4	9	24	3		
21	8	Engraving (steel, copperplate, and wood); plate printing	18	22	195	13	21	138	23		
22	7	Envelopes	10		1,334	17	92	1,175	48	2	
23	9	Explosives	9		189	9	11	167	2		
24	20	Fabricated plastic products, not elsewhere classified	25	2	2,802	33	315	2,326	102	26	
25	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	80	30	4,296	101	425	3,636	131		3
26	20	Feathers, plumes, and artificial flowers	4	3	48	3	4	39	2		
27	9	Fertilizers	33	8	1,238	20	116	931	168	3	
28	7	Fiber cans, tubes, and similar products	9	1	379	12	23	317	27		
29	14	Files	3		866	7	80	762	12	5	
30	20	Fire extinguishers, chemical	4		154	3	23	88	40		
31	9	Fireworks	8	2	139	6	21	112			
32	13	Flat glass	4		2,392		191	2,182		19	
33	1	Flavoring extracts and flavoring sirups, not elsewhere classified	25	11	292	19	25	158	90		
34	13	Floor and wall tile (except quarry tile)	5		1,983	10	134	1,763	73	3	
35	1	Flour and other grain-mill products	147	143	1,556	55	225	1,077	158	11	30
36	1	Food preparations, not elsewhere classified	54	38	1,322	23	106	987	194		12
37	17	Food-products machinery	36	13	2,881	53	460	2,098	267		3
38	12	Footwear (except rubber)	37	5	16,129	38	615	15,159	305	12	
39	14	Forgings, iron and steel—made in plants not operated in connection with rolling mills	34	1	3,524	67	280	3,077	81	12	7
40	10	Fuel briquets	4	2	25	1		21	3		
41	4	Fur coats and other fur garments, accessories, and trimmings	9	10	84	6	10	65	3		
42	14	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	5	3	50	6	6	38			
43	20	Games and toys (except dolls and children's vehicles)	22	3	1,059	26	81	913	36	3	
44	8	General commercial (job) printing	610	522	9,946	347	1,347	7,502	742	8	
45	16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	62	3	10,646	120	1,851	8,106	441	81	47
46	13	Glass containers	4		1,861	2	166	1,688	2		3
47	14	Gray-iron and semisteel castings	122	22	11,803	150	761	10,697	138	7	50
48	9	Grease and tallow (except lubricating greases)	31	30	771	34	62	624	35	16	
49	8	Greeting cards (except hand-painted)	5	5	1,316	8	215	999	94		
50	13	Gypsum products	5		531		52	451	2	17	9
51	20	Hand stamps, stencils, and brands	23	21	161	14	18	95	34		
52	14	Hardware not elsewhere classified	32	3	2,966	54	313	2,495	99	5	
53	14	Heating and cooking apparatus, except electric, not elsewhere classified	16	4	713	26	80	487	105	4	11
54	3	Hosiery—seamless	5	4	249	4	20	225			
55	13	Hotel china	3		539	11	31	480	15	2	
56	4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	18	11	1,281	19	64	1,113	83		2
57	4	Housefurnishings (except curtains, draperies, and bedspreads)	23	13	912	22	66	723	97	1	3
58	6	Household furniture, except upholstered	56	25	3,856	68	323	3,305	122	5	33
59	1	Ice cream and ices	173	110	2,319	100	204	1,192	774	16	33
60	1	Ice, manufactured	153	51	1,397	81	129	557	590	8	32
61	12	Industrial leather belting and packing leather	14	5	150	15	8	105	22		
62	17	Industrial machinery, not elsewhere classified	56	14	3,113	102	473	2,267	262	5	4
63	9	Insecticides, fungicides, and related industrial and household chemical compounds	56	12	639	64	79	315	179	1	1
64	17	Internal-combustion engines	7		2,779	14	572	2,050	139		4
65	15	Jewelry (precious metals)	30	29	360	16	28	254	59	1	2
66	3	Knitted cloth	3	1	364	5	35	315	5		4
67	3	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	18	7	2,083	26	132	1,853	70		2
68	6	Laboratory, hospital, and other professional furniture	6	6	260	3	20	231	6		
69	17	Laundry equipment, domestic	6	1	1,493	11	173	1,239	70		
70	12	Leather goods not elsewhere classified	4	3	90	1	4	85			

See footnotes at end of table.

STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
11,871	3,900	----------	5,539	2,432	----------	----------	59,093	57,894	425	774	----------	75,531	16,438	1
(5)	----------	(5)	(5)	(5)	----------	----------	(5)	(5)	----------	(5)	----------	(5)	(5)	2
72,197	16,000	4,680	44,373	1,600	5,030	514	16,936	6,543	3,027	7,366	----------	111,832	94,896	3
1,207,622	117,617	134,356	897,764	57,885	----------	----------	890,173	812,528	33,597	42,349	1,699	2,943,502	2,053,329	4
871,736	80,141	84,037	520,481	185,556	1,521	----------	772,871	747,072	9,151	16,648	----------	2,483,835	1,710,964	5
893,045	187,481	60,490	496,263	146,111	2,700	----------	873,618	824,887	9,011	15,081	24,639	2,427,088	1,553,470	6
1,651,666	182,000	254,890	974,798	234,858	5,120	----------	1,864,229	1,755,591	24,818	28,336	55,484	5,264,193	3,399,964	7
2,652,729	542,447	445,473	696,407	946,775	7,179	14,448	3,437,625	3,378,166	27,346	22,718	9,395	10,153,736	6,716,111	8
(5)	(5)	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	9
11,715,126	283,813	1,245,003	8,150,362	2,014,614	8,143	13,191	21,205,077	20,741,339	165,589	289,522	8,627	43,946,975	22,741,898	10
507,785	33,772	76,363	368,041	29,609	----------	----------	437,262	426,337	2,823	8,102	----------	1,446,209	1,008,947	11
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	12
1,609,058	177,127	157,367	1,227,467	41,243	2,619	3,235	853,401	661,211	46,013	135,511	10,666	3,497,705	2,644,304	13
2,087,201	253,173	331,289	1,312,037	159,296	2,414	28,992	830,059	564,529	14,689	69,056	181,785	4,588,538	3,758,479	14
2,797,945	288,467	572,183	1,438,627	462,105	10,228	26,335	3,474,192	3,164,497	49,128	59,175	201,392	9,161,828	5,687,636	15
71,475	3,432	2,800	59,358	5,885	----------	----------	12,705	11,786	----------	919	----------	137,289	124,584	16
13,157	----------	----------	12,157	1,000	----------	----------	7,500	6,923	180	397	----------	41,573	34,073	17
4,754,295	373,986	391,659	3,627,368	356,962	4,320	----------	6,081,458	5,587,919	294,401	183,565	15,573	13,623,961	7,542,503	18
140,508	24,500	14,802	98,046	3,160	----------	----------	104,522	84,060	11,648	6,579	2,235	305,954	201,432	19
72,749	22,902	13,124	33,723	3,000	----------	----------	65,723	44,140	492	608	20,483	193,895	128,172	20
321,963	63,292	32,491	192,338	33,842	----------	----------	153,161	138,177	1,530	5,203	8,251	650,848	497,687	21
1,714,093	130,906	186,300	1,280,380	112,466	4,041	----------	3,397,860	3,353,720	20,889	23,251	----------	6,154,333	2,756,473	22
263,798	35,037	38,409	186,962	3,390	----------	----------	646,946	608,965	16,913	21,068	----------	1,366,202	719,256	23
3,839,698	145,500	589,649	2,810,012	253,496	41,041	----------	6,110,662	5,829,692	100,283	107,403	73,284	12,209,119	6,098,457	24
6,869,519	518,078	832,446	5,243,560	273,658	----------	1,777	27,955,733	27,494,605	81,468	213,602	166,058	39,617,823	11,662,090	25
44,567	8,665	3,683	28,051	4,168	----------	----------	42,544	41,588	344	612	----------	133,416	90,872	26
1,715,944	143,916	230,997	940,885	391,441	8,705	----------	7,510,544	7,375,481	23,343	111,720	----------	11,249,605	3,739,061	27
474,225	93,266	39,325	302,166	39,468	----------	----------	568,681	527,450	1,791	11,456	27,984	1,424,656	855,975	28
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	29
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	30
169,950	32,300	42,930	94,720	----------	----------	----------	245,974	237,438	6,401	2,135	----------	671,518	425,544	31
(5)	----------	(5)	(5)	----------	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	32
484,006	90,041	50,560	165,295	178,110	----------	----------	1,326,509	1,306,882	11,561	8,066	----------	2,696,281	1,369,772	33
2,437,169	48,426	204,290	1,969,201	211,912	3,340	----------	1,452,610	1,124,372	240,361	87,877	----------	5,749,279	4,296,669	34
2,130,240	215,946	390,762	1,246,440	236,016	9,201	31,875	21,256,938	20,841,093	129,221	286,624	----------	25,610,800	4,353,862	35
1,446,762	88,899	171,189	791,737	375,469	----------	19,468	4,957,779	4,833,240	81,463	43,076	----------	8,781,389	3,823,610	36
4,220,666	289,927	847,017	2,724,413	356,709	----------	2,600	4,524,710	4,360,112	80,562	71,712	12,324	14,718,477	10,193,767	37
15,394,303	314,813	960,170	13,271,323	839,496	8,501	----------	21,128,667	20,656,020	74,180	159,905	238,562	47,200,357	26,071,690	38
5,955,585	514,354	630,232	4,603,557	178,430	19,393	9,619	10,140,755	8,957,815	758,621	254,367	169,952	20,389,453	10,248,698	39
27,785	3,600	----------	21,297	2,888	----------	----------	117,428	114,943	846	1,639	----------	160,991	43,563	40
139,996	23,320	12,426	102,189	2,061	----------	----------	465,205	463,656	12	1,122	415	705,787	240,582	41
100,391	42,192	11,540	46,659	----------	----------	----------	66,666	54,830	8,658	3,178	----------	219,966	153,300	42
993,581	89,833	111,408	744,034	44,895	3,411	----------	1,687,531	1,633,096	24,113	22,429	7,893	3,215,403	1,527,872	43
15,710,395	1,811,472	2,228,988	10,178,103	1,478,005	13,827	----------	17,707,728	16,421,074	126,044	335,421	825,189	45,049,334	27,341,606	44
16,424,168	986,852	3,382,382	10,767,944	1,016,436	193,227	77,327	24,718,500	24,107,149	207,530	345,817	58,004	54,315,310	29,596,810	45
2,771,391	27,000	276,714	2,458,063	5,400	----------	4,214	3,294,665	2,545,402	580,409	168,854	----------	8,967,775	5,673,110	46
17,261,886	735,019	1,778,824	14,344,002	258,041	12,377	133,623	16,855,357	14,830,797	1,341,427	623,716	59,417	43,489,257	26,633,900	47
1,056,099	138,902	119,247	682,849	83,707	31,394	----------	5,363,632	5,163,679	122,504	76,544	905	7,437,403	2,073,771	48
1,479,442	51,860	280,053	1,016,502	131,027	----------	----------	1,284,320	884,681	3,297	15,758	380,584	4,635,245	3,350,925	49
(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	50
245,229	54,211	26,415	111,661	52,942	----------	----------	158,866	147,750	2,195	4,945	3,976	513,575	354,709	51
4,053,095	244,198	613,781	2,965,764	221,162	8,190	----------	4,520,001	4,279,871	120,006	114,891	5,233	10,767,250	6,247,249	52
989,061	144,168	117,512	524,464	188,414	1,087	13,416	1,774,903	1,719,459	15,593	24,999	14,852	4,001,782	2,226,879	53
219,934	26,891	24,078	168,965	----------	----------	----------	285,847	271,763	8,662	5,422	----------	543,402	257,555	54
689,122	48,735	40,790	565,119	31,257	3,221	----------	315,993	251,547	49,743	14,703	----------	1,212,052	896,059	55
967,707	100,248	108,003	643,823	114,435	----------	1,198	1,925,389	1,878,704	2,088	12,392	32,205	3,432,149	1,506,760	56
1,004,795	122,624	73,068	577,900	227,257	1,173	2,773	2,747,281	2,720,697	9,826	16,583	175	4,280,151	1,532,870	57
4,166,711	317,217	492,288	3,070,071	228,603	7,620	50,912	5,596,605	5,353,943	91,854	131,536	19,272	11,782,244	6,185,639	58
3,288,871	401,085	280,347	1,474,850	1,064,635	23,431	44,523	9,715,072	9,225,963	123,428	365,306	375	18,535,048	8,819,976	59
1,882,688	263,486	191,688	735,057	643,709	12,694	36,054	1,106,035	265,441	127,190	712,968	436	6,029,099	4,923,064	60
228,938	51,946	13,995	124,724	38,273	----------	----------	444,405	436,490	4,023	3,892	----------	842,695	398,290	61
5,409,822	657,394	968,856	3,274,569	495,934	8,480	4,589	7,191,298	6,920,865	113,932	126,205	30,296	15,815,472	8,624,174	62
1,037,515	284,813	162,863	336,439	251,102	1,399	899	3,809,109	3,756,414	19,245	32,109	1,341	9,209,756	5,400,647	63
5,339,723	153,100	1,285,014	3,504,099	394,191	----------	3,319	11,203,141	10,944,540	92,237	50,459	115,905	19,513,318	8,310,177	64
496,358	53,366	41,549	312,542	85,620	1,892	1,389	829,454	814,471	1,700	6,137	7,146	1,680,546	851,092	65
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	66
1,878,507	138,770	175,885	1,438,804	122,316	----------	2,732	2,789,116	2,695,268	8,519	29,129	56,200	5,596,619	2,807,503	67
307,424	12,500	32,583	245,332	17,009	----------	----------	294,595	283,793	2,846	7,956	----------	819,702	525,107	68
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	69
71,064	1,200	5,965	63,899	----------	----------	----------	91,500	90,644	300	556	----------	208,237	116,737	70

TABLE 8.—GENERAL STATISTICS FOR THE

	No. Group	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
1	12	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	12	5	1,688	23	83	1,565	17		
2	15	Lighting fixtures	37	24	3,283	33	320	2,754	170	1	5
3	13	Lime	20	5	1,767	13	96	1,574	47	37	
4	1	Liquors, distilled	3		249	2	28	213		2	4
5	1	Liquors, rectified or blended	11		301	3	36	226	36		
6	8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	64	28	3,425	74	387	2,652	307	3	2
7	19	Locomotives (including frames) and parts: railroad, minnig, and industrial	3		1,147	5	278	835	23	3	3
8	9	Lubricating oils and greases - not made in petroleum refineries	27	4	493	39	66	222	163		3
9	1	Macaroni, spaghetti, vermicelli, and noodles	17	12	161	7	7	132	14		1
10	8	Machine and hand typesetting (including advertisement typesetting)	37	25	485	30	54	368	33		
11	17	Machine-shop products, not elsewhere classified	185	61	9,473	243	1,240	7,342	564	9	75
12	17	Machine-shop repairs	66	54	578	32	53	466	24	1	2
13	17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	144	90	5,442	149	635	4,343	270	29	16
14	17	Machine tools	51	5	13,535	106	2,156	10,807	397	2	67
15	14	Malleable-iron castings	11	1	2,861	15	243	2,566	29	8	
16	1	Malt liquors	51	3	4,798	101	320	2,818	1,484	30	45
17	6	Matches	4		2,162	7	107	2,001	47		
18	6	Mattresses and bedsprings	36	12	902	41	80	711	68		2
19	17	Measuring and dispensing pumps	7	1	422	11	72	288	51		
20	17	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	5	1	545	4	222	291	28		
21	1	Meat packing, wholesale	158	161	8,822	151	770	6,071	1,719	50	61
22	17	Mechanical power-transmission equipment	24	3	6,255	38	562	5,606	43		6
23	4	Men's and boys' hats and caps (except felt and straw)	13	12	130	8	12	94	16		
24	4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	8		1,750	13	57	1,601	66	9	4
25	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	31	29	742	7	10	715	8		2
26	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	57	23	11,497	103	614	10,037	717	2	24
27	4	Men's neckwear—made in inside factories or by jobbers engaging contractors	8	1	643	12	46	516	66	1	2
28	17	Metal-working machinery and equipment, not elsewhere classified	35	2	6,046	73	912	4,743	281	10	27
29	4	Millinery	10	4	315	9	15	274	17		
30	13	Minerals and earths, ground or otherwise treated	20	2	505	4	48	439	14		
31	13	Mineral wool	5		188	6	13	165	2	2	
32	17	Mining machinery and equipment	7		2,162	22	376	1,528	236		
33	6	Mirror frames and picture frames	4	1	162	4	10	137	11		
34	13	Mirrors and other glass products made of purchased glass	31	13	2,005	27	143	1,794	41		
35	20	Miscellaneous fabricated products not elsewhere classified	20	11	309	14	30	238	27		
36	4	Miscellaneous fabricated textile products not elsewhere classified	15	7	265	10	22	219	12		2
37	20	Models and patterns (except paper patterns)	92	101	1,123	47	88	971	15	2	
38	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	44	20	795	46	55	632	58	2	2
39	19	Motorcycles, bicycles, and parts	9		3,277	26	223	2,737	279	12	
40	18	Motor vehicles, motor-vehicle bodies, parts and accessories	101	34	35,629	164	4,553	29,841	1,036	29	6
41	9	Mucilage, paste, and other adhesives, except glue and rubber cement	6	3	36	4	2	16	14		
42	20	Musical instruments, parts, and materials not elsewhere classified	4	1	406	6	12	338	50		
43	8	Newspapers: publishing and printing	321	232	12,120	201	4,146	5,607	2,153	13	
44	8	Newspapers: publishing without printing	22	10	190	15	108	14	53		
45	1	Nonalcoholic beverages	193	142	2,701	114	175	1,038	1,355	2	17
46	13	Nonclay refractories	6		515	6	38	465	3	3	
47	15	Nonferrous-metal foundries (except aluminum)	74	50	1,933	65	145	1,638	49	21	15
48	15	Nonferrous-metal products not elsewhere classified	42	25	6,975	76	731	5,841	279	7	41
49	17	Office and store machines not elsewhere classified	9	7	8,167	29	1,227	6,116	795		
50	6	Office furniture	13	2	3,000	21	260	2,468	238	8	5
51	17	Oil-field machinery and tools	10	2	1,050	5	158	856	30		1
52	1	Oleomargarine—not made in meat-packing establishments	3		200	5	9	78	108		
53	20	Ophthalmic goods: lenses and fittings	6	3	268	7	12	242	7		
54	20	Organs	3	4	30	1	2	27			
55	10	Oven coke and coke-oven byproducts	15		2,881		260	2,583	4	34	
56	9	Paints, varnishes, and lacquers	105	27	4,319	126	639	2,616	921	7	10
57	7	Paper and paperboard mills	45		10,678	94	1,127	8,933	297	216	11
58	7	Paper bags, except those made in paper mills	11		1,136	23	86	959	68		
59	7	Paperboard containers and boxes not elsewhere classified	75	6	5,962	109	496	5,073	268	16	
60	17	Paper-mill, pulp-mill, and paper-products machinery	7		1,080	14	201	810	52	3	
61	6	Partitions, shelving, cabinet work, and office and store fixtures	41	19	2,156	53	256	1,467	377	3	
62	10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	31	5	386	12	43	316	7	7	1
63	9	Perfumes, cosmetics, and other toilet preparations	17	10	1,151	21	232	701	197		
64	8	Periodicals: publishing and printing	48	16	6,146	54	661	3,879	1,506	46	
65	8	Periodicals publishing without printing	75	16	771	56	593	6	116		

See footnotes at end of table.

STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
2,548,644	157,502	215,390	2,144,899	30,853	----------	----------	9,751,688	9,581,641	112,150	53,216	4,681	14,366,980	4,615,292	1
4,573,097	296,657	632,671	3,273,925	362,579	1,250	6,015	8,764,767	8,542,985	71,936	134,879	14,967	18,196,062	9,431,295	2
2,412,095	75,442	199,258	1,960,336	116,658	60,401	----------	2,729,730	1,467,121	965,352	290,089	7,168	8,663,450	5,933,720	3
(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	4
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	5
5,718,396	564,305	735,253	3,700,182	708,837	4,069	5,750	5,764,522	5,127,528	89,996	93,943	453,055	14,746,161	8,981,639	6
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	7
894,496	155,146	128,391	291,993	316,233	----------	2,733	2,479,033	2,415,844	43,852	19,337	----------	4,633,748	2,154,715	8
133,526	12,475	6,923	101,624	11,659	----------	845	548,855	517,059	9,394	22,402	----------	840,875	292,020	9
969,465	151,448	97,471	648,358	72,188	----------	----------	176,476	123,399	5,197	16,601	31,279	1,611,918	1,435,442	10
16,968,148	1,522,639	2,304,289	11,637,050	1,321,149	13,531	169,490	17,213,783	16,054,320	370,626	514,929	273,908	46,784,803	29,571,020	11
779,957	79,191	87,244	577,078	34,091	1,309	1,044	476,878	416,228	26,089	30,615	3,946	1,711,191	1,234,313	12
10,608,696	1,020,685	1,370,811	7,507,881	649,123	46,376	13,820	5,455,555	4,905,911	81,227	268,212	200,205	23,184,787	17,729,232	13
25,339,953	1,114,094	4,817,421	18,321,943	1,001,650	3,000	81,845	20,325,748	19,012,376	303,330	470,376	539,666	65,510,412	45,184,664	14
3,901,026	101,182	510,410	3,220,199	56,814	12,421	----------	3,021,356	2,382,433	421,150	163,612	54,161	8,228,170	5,206,814	15
8,769,436	878,268	691,359	4,446,592	2,597,114	93,899	62,204	9,828,395	9,123,038	480,816	224,541	----------	35,025,543	25,197,148	16
2,508,073	56,975	213,580	2,135,055	102,463	----------	----------	5,277,658	5,153,204	102,847	21,607	----------	8,492,592	3,214,934	17
1,131,107	170,149	116,815	723,162	119,722	151	1,108	2,841,930	2,805,576	12,583	23,771	----------	5,142,899	2,300,969	18
639,152	74,828	114,410	363,272	86,642	----------	----------	1,358,563	1,328,111	12,488	17,964	----------	2,695,134	1,336,571	19
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	20
13,496,825	1,045,466	1,514,324	7,634,104	3,107,247	75,360	120,324	110,619,278	109,671,539	547,395	377,811	22,533	132,483,991	21,864,713	21
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	22
114,548	13,439	12,689	81,010	7,410	----------	----------	144,167	139,478	489	3,167	1,033	358,352	214,185	23
1,487,902	115,713	114,823	1,162,349	80,419	12,013	2,585	2,487,221	2,434,597	10,904	13,459	28,261	4,900,817	2,413,596	24
547,124	11,835	9,951	518,541	5,728	----------	1,069	97,159	66,670	1,380	6,519	22,590	821,671	724,512	25
14,798,931	866,700	1,187,985	11,371,556	1,342,174	3,500	27,016	23,092,748	21,966,176	72,321	106,092	948,159	47,913,597	24,820,849	26
806,865	103,477	76,685	404,857	213,925	1,430	6,491	1,845,872	1,829,128	1,618	5,698	9,428	3,419,081	1,573,209	27
10,942,028	570,931	2,016,365	7,655,935	658,144	10,926	29,727	10,908,071	10,422,630	225,164	205,351	54,926	30,240,499	19,332,428	28
328,793	29,402	27,111	248,781	23,499	----------	----------	456,608	449,915	2,242	4,201	250	986,530	529,922	29
676,779	10,900	95,333	530,320	40,226	----------	----------	857,836	614,576	144,427	98,833	----------	2,955,327	2,097,491	30
247,463	48,366	32,784	161,398	1,260	3,655	----------	335,795	262,066	64,052	9,677	----------	660,013	324,218	31
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	32
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	33
2,847,031	105,030	289,422	2,388,364	63,631	----------	584	7,646,016	7,510,677	42,976	89,184	3,179	10,962,291	3,316,275	34
291,793	48,666	35,677	170,844	36,606	----------	----------	573,899	556,282	4,345	5,530	7,742	1,170,302	596,403	35
257,093	39,146	25,278	171,783	19,286	----------	1,600	508,261	500,328	3,090	4,843	----------	1,191,770	683,509	36
2,105,679	242,304	189,330	1,641,608	27,787	4,650	----------	707,156	640,743	17,118	38,054	11,241	3,871,156	3,164,000	37
1,024,103	125,299	91,400	717,752	84,098	2,554	3,000	944,239	844,718	34,393	58,763	6,365	2,704,453	1,760,214	38
5,078,340	266,055	520,970	3,824,766	446,002	20,547	----------	10,662,616	10,361,344	79,096	121,724	100,452	18,422,748	7,760,132	39
59,506,674	1,499,846	9,530,390	46,209,680	2,222,273	37,481	7,004	172,646,143	169,462,599	1,137,819	1,659,713	386,012	285,681,412	113,035,269	40
64,107	15,160	5,060	18,151	25,736	----------	----------	128,539	124,736	2,367	1,404	32	257,301	128,762	41
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	42
23,540,837	1,876,535	8,197,684	9,874,540	3,560,501	31,577	----------	12,072,334	10,411,722	129,182	375,945	1,155,485	55,938,843	43,866,509	43
256,162	42,311	151,505	11,760	50,586	----------	----------	435,888	89,247	1,183	3,387	342,071	972,963	537,075	44
4,090,177	529,913	291,190	1,158,848	2,085,296	11,241	13,689	7,927,624	7,726,957	79,967	120,700	----------	19,263,887	11,336,263	45
775,001	31,800	82,879	627,593	6,659	26,070	----------	1,997,718	1,139,220	750,094	108,404	----------	4,238,010	2,240,292	46
2,966,432	268,688	309,923	2,216,274	92,641	59,707	19,199	4,120,082	3,894,485	136,511	86,689	2,397	8,619,890	4,499,808	47
12,449,747	779,555	1,568,588	9,317,673	739,017	11,994	32,920	13,989,109	12,948,217	256,305	376,794	407,793	32,725,989	18,736,880	48
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	49
4,601,430	171,999	489,104	3,503,706	416,671	12,450	7,500	5,511,950	5,336,658	99,065	76,227	----------	12,357,842	6,845,892	50
1,691,841	51,400	368,897	1,198,927	72,305	----------	312	2,562,467	2,351,934	106,622	75,736	28,175	6,073,164	3,510,697	51
280,297	26,833	19,590	82,865	151,009	----------	----------	2,140,545	2,118,507	7,924	14,114	----------	3,353,756	1,213,211	52
388,358	61,979	23,852	290,284	12,243	----------	----------	338,338	325,631	2,408	10,299	----------	890,708	552,370	53
30,501	2,250	2,689	25,562	----------	----------	----------	21,819	20,772	305	572	170	69,633	47,814	54
4,804,290	----------	747,272	3,957,843	12,537	86,638	----------	35,496,233	34,085,053	1,090,099	321,081	----------	43,805,290	8,309,057	55
7,868,371	995,136	1,412,509	3,630,413	1,809,551	12,244	8,518	24,591,851	24,097,378	197,561	264,800	32,112	49,858,134	25,266,283	56
16,418,359	856,040	2,493,772	11,870,172	755,369	427,266	15,740	39,971,037	36,421,889	3,042,750	506,398	----------	67,492,845	27,521,808	57
1,554,741	164,105	163,894	1,050,222	176,520	----------	----------	5,601,043	5,541,697	22,181	37,165	----------	8,121,086	2,520,043	58
8,284,190	635,430	1,030,430	5,970,292	616,756	31,282	----------	19,889,689	19,421,349	159,568	159,174	149,598	34,912,792	15,023,103	59
1,815,928	93,429	424,652	1,146,948	147,104	3,795	----------	1,698,429	1,616,689	34,045	47,695	----------	5,068,031	3,369,602	60
3,069,717	265,749	426,124	1,955,316	415,629	6,899	----------	3,760,363	3,594,179	53,857	48,209	64,118	8,449,552	4,689,189	61
532,609	32,420	104,418	359,963	26,607	8,001	1,200	3,415,381	3,231,536	126,973	41,177	15,695	5,221,693	1,806,312	62
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	63
9,983,954	347,829	1,271,441	6,640,840	1,630,043	93,801	----------	17,207,205	15,063,722	126,531	115,266	1,901,686	55,694,681	38,487,476	64
1,568,696	364,882	987,688	6,794	209,332	----------	----------	2,336,747	183,327	2,887	2,445	2,148,088	6,306,309	3,969,562	65

TABLE 8.—GENERAL STATISTICS FOR THE

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS[1] Total[1]	Salaried officers of corporations[2]	Manufacturing: Salaried employees[3]	Manufacturing: Wage earners (average for year)[3]	Distribution	Construction	Other
1	10	Petroleum refining	13	1	2,862		461	2,356	23	22	
2	8	Photoengraving, not done in printing establishments (including preparation of plates)	51	18	954	92	127	597	138		
3	20	Photographic apparatus and materials and projection equipment (except lenses)	6	3	85	3	12	62	8		
4	20	Piano and organ parts and materials	3	1	201	4	19	153	25		
5	1	Pickled fruits and vegetables and vegetable sauces and seasonings	29	18	1,198	15	60	1,075	46	2	
6	5	Planing mills not operated in conjunction with sawmills	115	48	2,173	86	246	1,650	179	2	10
7	13	Porcelain electrical supplies	9	1	1,162	15	142	990	15		
8	13	Pottery products not elsewhere classified	40	20	3,038	54	173	2,700	98	10	3
9	1	Poultry dressing and packing, wholesale	38	34	232	14	21	163	22		12
10	14	Power boilers and associated products	45	15	4,915	77	1,213	3,031	594		
11	1	Prepared feeds (including mineral) for animals and fowls	70	29	1,518	44	168	1,055	215	22	14
12	1	Preserves, jams, jellies, and fruit butters	5	1	364	4	28	313	16		3
13	9	Printing ink	20	3	342	24	57	202	58	1	
14	17	Printing-trades machinery and equipment	13	6	921	10	136	723	49		3
15	3	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	5		444	10	34	398	2		
16	20	Professional and scientific instruments (except surgical and dental)	9	2	484	20	32	379	53		
17	6	Public-building furniture	9	5	252	5	29	207	9		2
18	17	Pumping equipment and air compressors	46	14	3,597	76	365	2,567	583	3	3
19	16	Radios, radio tubes, and phonographs	10	3	2,354	18	224	1,936	158	6	12
20	4	Raincoats and other waterproof garments (except oiled cotton)	4		283	5	9	260	9		
21	17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	17	4	11,643	23	1,181	9,831	560		48
22	4	Robes, lounging garments, and dressing gowns	3	2	61	1	2	57	1		
23	10	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	11		696	13	43	598	42		
24	11	Rubber products not elsewhere classified	79	15	8,609	134	1,017	7,064	291	96	7
25	14	Safes and vaults	8	2	822	11	110	632	60	3	6
26	1	Salad dressings	3	1	30	1	3	25	1		
27	9	Salt	5		777	14	71	483	192	15	2
28	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	44	26	715	20	43	506	130	2	14
29	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	135	140	940	22	55	839	20	1	3
30	14	Saws	9	2	289	10	22	198	59		
31	17	Scales and balances	5	1	725	9	141	518	57		
32	14	Screw-machine products and wood screws	55	21	3,897	75	323	3,342	131	21	5
33	15	Secondary smelting and refining, gold, silver, and platinum	3	4	11		2	7	2		
34	15	Secondary smelting and refining of nonferrous metals, not elsewhere classified	12	4	383	13	56	304	8		2
35	13	Sewer pipe and kindred products	22	2	2,390	18	128	2,210	28	6	
36	15	Sheet-metal work not specifically classified	98	49	2,804	106	243	2,201	243		11
37	19	Shipbuilding and ship repairing	9	2	773	9	92	670	2		
38	20	Signs, advertising displays, and advertising novelties	109	60	2,456	87	195	1,885	288	1	
39	15	Silverware and plated ware	3		106	4	2	82	18		
40	12	Small leather goods	7	3	212	5	18	154	35		
41	9	Soap and glycerin	23	7	2,441	33	444	1,691	268	5	
42	9	Soybean oil, cake, and meal	7		216	7	28	164	17		
43	1	Special dairy products	6	3	60	4	5	39	11	1	
44	17	Special-industry machinery, not elsewhere classified	34	17	2,513	50	402	1,961	90	6	4
45	20	Sporting and athletic goods not elsewhere classified	25	11	1,818	23	142	1,550	103		
46	14	Stamped and pressed metal products (except automobile stampings)	82	24	7,017	119	579	6,081	233	3	2
47	13	Statuary and art goods (except stone and concrete)—factory production	4	3	104	3	18	79	4		
48	13	Steam and other packing; pipe and boiler covering	9	3	249	3	21	222	3		
49	14	Steam fittings, regardless of material	18	3	3,311	42	501	2,461	253	2	52
50	14	Steel barrels, kegs, and drums	16		1,591	29	154	1,376	27	5	
51	14	Steel castings	23		5,390	48	645	4,525	133	35	4
52	14	Steel works and rolling mills	46	1	78,789	34	5,733	71,906	93	1,021	2
53	17	Stokers, mechanical, domestic and industrial	9		953	25	176	633	118		1
54	14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	51	10	8,588	76	890	7,025	495	31	71
55	12	Suitcases, brief cases, bags, trunks, and other luggage	11	7	261	9	14	217	21		
56	20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	26	16	674	18	70	430	156		
57	4	Suspenders, garters, and other goods made from purchased elastic material	4	4	62	4	9	45	4		
58	13	Tableware, pressed or blown glass, and glassware not elsewhere classified	18	3	10,258	28	999	8,826	308	72	25
59	4	Textile bags—not made in textile mills	15	3	485	14	43	403	25		
60	14	Tin cans and other tinware not elsewhere classified	12		1,783	15	133	1,584	26	25	
61	11	Tires and inner tubes	19		38,049	69	5,327	29,921	2,487	221	24
62	2	Tobacco (chewing and smoking) and snuff	14	6	1,544	17	86	1,271	170		
63	14	Tools (except edge tools, machine tools, files, and saws)	4	6	2,369	51	306	1,913	94		5
64	17	Tractors	2		850	20	125	571	118	4	12
65	19	Transportation equipment not elsewhere classified	3		98	4	10	77	7		
66	4	Trimmings (not made in textile mills), stamped art goods, and art needle work—contract factories	4	6	131		5	111	15		
67	4	Trimmings (not made in textile mills), stamped art goods, and art needle-work—made in regular factories or by jobbers engaging contractors	5	4	44	2	4	36	2		
68	4	Trousers (semidress), wash suits, and washable service apparel	8	2	924	13	31	832	46	1	1
69	6	Upholstered household furniture	49	11	2,455	65	147	2,074	156	2	11
70	17	Vending, amusement, and other coin-operated machines	4	1	29	3	3	19	4		

See footnotes at end of table.

STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
5,426,705	----------	1,027,527	4,314,669	40,299	44,210	----------	71,176,794	67,339,615	3,189,558	591,526	56,095	84,137,190	12,960,396	1
2,425,760	436,158	239,266	1,448,914	301,422	----------	----------	427,171	337,362	6,434	31,017	52,358	3,627,884	3,200,713	2
120,563	12,818	23,724	62,615	21,406	----------	----------	143,853	131,982	5,776	6,095	----------	338,919	195,066	3
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	4
1,280,402	50,898	129,772	1,014,242	80,810	4,680	----------	5,444,235	5,342,299	74,691	27,245	----------	9,353,959	3,909,724	5
2,936,040	361,664	418,181	1,861,846	279,167	2,405	12,777	5,254,586	5,079,609	65,410	107,993	1,574	10,163,640	4,909,054	6
1,679,962	98,425	307,346	1,245,516	28,675	----------	----------	1,345,834	1,155,808	134,395	52,958	2,673	4,144,553	2,798,719	7
3,920,019	295,263	315,478	3,097,916	196,038	13,277	2,047	1,772,136	1,320,924	341,192	98,894	11,126	7,503,198	5,731,062	8
217,279	36,378	17,213	135,916	24,422	----------	3,350	2,459,699	2,441,387	8,790	9,522	----------	2,927,415	467,716	9
8,365,650	310,540	2,215,293	4,522,907	1,316,910	----------	----------	8,508,494	7,953,650	219,303	301,303	34,238	25,217,899	16,709,405	10
1,993,614	187,530	273,968	1,110,953	381,071	19,956	20,136	17,560,825	17,171,653	129,577	259,595	----------	24,171,683	6,610,858	11
392,098	36,200	40,179	274,298	36,202	5,219	----------	2,278,066	2,258,403	12,042	7,621	----------	3,180,243	902,177	12
768,810	142,527	165,032	291,954	169,115	182	----------	1,431,452	1,395,313	3,271	32,762	106	2,959,066	1,527,614	13
1,580,745	71,481	322,636	1,049,835	133,696	----------	3,097	1,313,956	1,262,240	25,165	25,579	972	4,811,969	3,498,013	14
464,219	82,866	52,133	323,246	5,974	----------	----------	835,140	780,479	38,914	15,747	----------	1,480,390	645,250	15
626,022	100,663	63,848	346,823	114,688	----------	----------	524,001	508,602	4,670	10,729	----------	1,531,999	1,007,998	16
288,925	20,015	39,990	201,840	25,936	----------	1,144	499,185	472,835	3,890	9,074	13,386	975,904	476,719	17
5,970,402	541,986	752,051	3,454,744	1,214,396	3,879	3,346	8,686,317	8,440,049	112,143	107,728	26,397	18,431,224	9,744,907	18
2,565,553	96,211	361,066	1,840,275	244,185	9,216	14,600	6,895,882	6,832,266	36,581	24,035	3,000	11,435,027	4,539,145	19
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	20
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	21
41,081	520	1,740	37,748	1,073	----------	----------	78,784	77,705	----------	1,079	----------	153,797	75,013	22
907,439	125,321	90,777	570,855	120,486	----------	----------	5,473,715	5,358,047	93,547	22,121	----------	9,312,747	3,839,032	23
11,517,441	816,519	1,918,018	7,957,233	653,722	164,512	7,437	16,335,619	15,351,688	429,162	532,134	22,635	35,435,873	19,100,254	24
1,203,412	68,042	208,183	802,831	113,994	5,299	5,063	1,007,033	923,308	40,146	29,706	13,873	3,010,314	2,003,281	25
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	26
1,209,391	133,083	135,806	656,040	262,661	19,814	1,987	1,326,758	894,927	428,952	2,879	----------	3,198,694	1,871,936	27
1,006,347	76,636	89,429	600,964	214,900	3,554	20,864	5,450,181	5,353,813	38,213	58,155	----------	7,436,722	1,986,541	28
791,507	73,808	76,795	608,680	28,547	1,237	2,440	1,362,808	1,221,856	35,920	37,938	67,094	3,274,288	1,911,480	29
353,718	48,030	75,573	186,347	43,768	----------	----------	185,846	162,463	12,750	9,848	785	716,498	530,652	30
1,355,263	56,977	395,176	757,585	145,525	----------	----------	1,118,551	1,073,135	17,933	20,483	7,000	3,706,920	2,588,369	31
5,868,878	504,710	692,186	4,371,776	270,574	22,080	7,552	7,032,771	6,495,662	126,134	225,109	185,866	16,832,500	9,799,729	32
(5)	----------	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	33
587,175	128,870	112,169	322,745	19,391	----------	4,000	6,727,543	6,621,604	82,348	23,552	39	7,835,130	1,107,587	34
2,959,384	43,815	229,101	2,629,529	46,385	10,554	----------	1,386,930	484,154	839,649	60,127	3,000	6,285,299	4,898,369	35
4,063,248	613,357	481,203	2,487,621	471,149	----------	9,918	11,954,883	11,799,317	54,958	82,178	18,430	20,220,512	8,265,629	36
1,308,300	53,925	217,487	1,023,273	13,615	----------	----------	815,970	727,544	34,851	53,575	----------	2,676,789	1,860,819	37
3,375,429	448,868	335,715	2,139,672	450,134	1,040	----------	3,817,382	3,408,361	51,475	60,766	296,780	9,500,015	5,682,633	38
119,995	13,800	6,043	79,191	20,961	----------	----------	48,591	41,022	2,822	4,747	----------	194,203	145,612	39
256,547	18,810	26,939	145,780	65,018	----------	----------	301,481	297,581	940	2,383	577	662,343	360,862	40
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	41
300,863	26,300	40,504	201,306	32,753	----------	----------	2,968,885	2,869,161	27,036	72,688	----------	3,985,307	1,016,422	42
64,439	9,699	6,483	34,268	12,990	999	----------	155,799	149,677	5,564	558	----------	274,343	118,544	43
4,817,017	435,043	902,221	3,268,708	194,765	10,382	5,898	4,585,179	4,373,347	47,330	119,545	44,957	12,615,019	8,029,840	44
2,320,667	146,555	229,945	1,762,860	181,307	----------	----------	3,177,213	3,088,473	26,767	60,773	1,200	7,945,930	4,768,717	45
10,192,576	772,036	1,117,769	7,752,894	543,905	4,645	1,327	22,328,035	21,530,074	212,129	345,023	240,809	37,174,603	14,846,568	46
123,370	8,286	26,979	77,041	11,064	----------	----------	46,363	43,617	1,864	882	----------	229,785	183,422	47
254,433	11,200	35,291	201,395	6,547	----------	----------	636,766	623,815	8,370	4,581	----------	1,254,903	618,137	48
5,018,197	290,797	979,341	3,157,470	531,274	2,955	56,360	3,426,445	3,089,961	151,745	160,018	24,721	12,648,366	9,221,921	49
2,430,521	203,836	318,639	1,819,575	82,297	6,174	----------	7,309,260	7,111,476	73,522	111,022	13,240	11,478,720	4,169,460	50
8,649,921	442,069	1,421,752	6,400,671	347,738	32,716	4,975	7,721,105	6,243,272	624,319	820,240	33,274	21,248,901	13,527,796	51
134,253,945	257,321	14,316,527	117,954,749	275,814	1,444,952	4,582	395,174,452	362,268,763	25,571,790	7,172,204	161,695	609,804,548	214,630,096	52
1,650,589	168,456	323,516	956,901	200,572	----------	1,144	1,934,078	1,838,222	13,565	32,193	50,098	5,227,773	3,293,695	53
12,470,645	625,616	1,651,183	8,944,097	1,066,017	61,553	122,179	18,827,309	17,493,254	410,237	260,741	663,077	44,443,796	25,616,487	54
348,283	49,040	28,103	233,818	37,322	----------	----------	438,946	430,407	4,724	3,815	----------	986,856	547,910	55
785,827	119,107	103,279	357,141	206,300	----------	----------	1,535,587	1,514,486	1,758	9,883	9,460	3,185,593	1,650,006	56
51,517	11,851	9,179	27,105	3,382	----------	----------	169,048	166,920	486	802	840	292,613	123,565	57
12,097,224	153,966	1,862,500	9,452,994	505,740	96,970	25,054	11,360,317	8,294,575	2,448,608	554,820	62,314	35,424,885	24,064,568	58
546,067	63,292	68,582	362,895	51,298	----------	----------	2,914,556	2,893,004	7,163	14,389	----------	3,990,515	1,075,959	69
2,395,766	114,274	344,376	1,830,506	66,709	39,901	----------	8,637,757	8,539,094	56,804	40,082	1,777	13,880,268	5,242,511	60
72,720,162	1,103,119	14,151,083	50,888,899	6,171,513	366,089	39,459	146,272,794	142,484,693	1,977,916	1,787,960	22,225	268,010,485	121,737,691	61
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	62
3,539,517	356,373	578,574	2,384,709	215,698	----------	4,163	4,140,210	3,847,259	172,540	99,386	21,025	10,937,195	6,796,985	63
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	64
113,246	11,180	18,468	71,717	11,881	----------	----------	168,866	162,656	4,466	1,444	300	338,379	169,513	65
109,912	----------	8,145	84,683	17,084	----------	----------	37,335	30,856	953	1,646	3,880	231,249	193,914	66
46,943	7,800	6,372	29,357	3,414	----------	----------	125,810	124,992	102	716	----------	216,751	90,941	67
802,100	100,966	48,246	533,979	116,869	1,000	1,040	1,807,302	1,794,806	3,347	9,149	----------	2,952,576	1,145,274	68
2,933,735	257,313	241,345	2,123,427	299,244	1,702	10,704	4,762,580	4,693,944	24,520	42,538	1,578	9,582,443	4,819,863	69
44,719	13,042	5,522	19,434	6,721	----------	----------	52,786	48,419	791	493	3,083	141,137	88,351	70

TABLE 8.—GENERAL STATISTICS FOR THE

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1]						
					Total [2]	Salaried officers of corporations [2]	Manufacturing		Distribution	Construction	Other
							Salaried employees [2]	Wage earners (average for year) [3]			
1	6	Venetian blinds	11	5	299	8	20	226	44		1
2	14	Vitreous enameled products, including kitchen, household, and hospital utensils	18		4,531	42	500	3,841	132	15	1
3	13	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	5		160	7	25	97	30	1	
4	7	Wallpaper	4		179	8	16	139	16		
5	13	Whiteware	16	1	4,825	30	218	4,470	81	21	5
6	6	Window and door screens and weather strip	9	2	258	11	14	210	20		3
7	6	Window shades	20	14	580	12	23	499	46		
8	1	Wines	36	32	247	13	36	122	76		
9	14	Wire drawn from purchased rods	8		1,679	6	212	1,452	1	4	4
10	14	Wirework not elsewhere classified	51	21	2,480	61	189	2,014	191	4	21
11	16	Wiring devices and supplies	14	1	989	25	155	777	32		
12	4	Women's and misses' dresses (except house dresses)—made in contract factories	6	7	109			107	2		
13	4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	15	14	1,670	17	46	1,489	114	[illegible]	
14	4	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics	3	3	83	2	9	70	1	1	
15	4	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	3	6	43		2	41			
16	6	Wooden boxes except cigar boxes	30	10	893	25	60	764	40		4
17	6	Wood preserving	12		584	12	51	477	44		
18	6	Wood products not elsewhere classified	45	24	1,357	29	123	1,160	44		1
19	17	Woodworking machinery	13	7	296	18	32	213	33		
20	3	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	11	9	3,231	18	101	3,080	32		
21	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	23	8	2,348	31	73	2,133	105	1	5
22	4	Work gloves and mittens: cloth, cloth and leather combined	16	10	1,481	6	55	1,400	16	4	
23	14	Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills	4		682	8	109	550	15		
24	16	X-ray and therapeutic apparatus and electronic tubes	8	1	338	13	56	224	42		3
25		Other industries [6]	451	160	74,532	521	8,391	61,615	3,745	165	95
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]									
26	1	Food and kindred products	28	4	2,023	20	297	1,563	134	5	4
27	2	Tobacco manufactures	45	25	3,900	30	215	3,442	213		
28	3	Textile-mill products and other fiber manufactures	33	11	3,881	50	278	3,289	260		4
29	4	Apparel and other finished products made from fabrics and similar materials	26	22	1,289	20	61	1,171	32	5	
30	6	Furniture and finished lumber products	8	3	348	8	26	292	22		
31	9	Chemicals and allied products	56	18	5,986	66	984	4,416	509	11	
32	12	Leather and leather products	11	7	526	14	38	451	23		
33	13	Stone, clay, and glass products	24	2	4,335	15	366	3,865	43	37	9
34	14	Iron and steel and their products, except machinery	10	2	1,551	17	130	1,355	44	5	
35	15	Nonferrous metals and their products	33	21	2,688	21	372	2,072	136	87	
36	16	Electrical machinery	44	7	10,319	33	948	9,207	122		9
37	17	Machinery (except electrical)	79	18	32,658	161	4,097	26,454	1,876	4	66
38	20	Miscellaneous industries	43	16	3,494	54	265	2,866	301	8	
39	7	Paper and allied products	3	3	191		12	179			
40	19	Transportation equipment except automobiles	3		1,147	5	278	835	23	3	3
41	5	Lumber and timber basic products	1								
42	8	Printing, publishing, and allied industries	1	1	196	7	24	158	7		
43	11	Rubber products	2								
44	18	Automobiles and automobile equipment	1								

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries, and are also included in the "Other industries" figures, the sums of these figures are larger than the corresponding totals shown for "All industries."

[1] See headnote to table 3 and GENERAL EXPLANATIONS. Persons engaged general classification.
[2] Figures do not include data for personnel of central-administrative offices.

STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
319,854	42,241	39,350	207,763	29,720	----------	780	480,400	471,314	1,233	6,193	1,660	1,024,030	543,630	1
6,165,829	379,868	901,806	4,598,438	263,134	22,223	360	8,277,455	7,580,133	343,595	314,428	39,299	16,745,892	8,468,437	2
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	3
337,283	41,530	41,216	208,552	45,985	----------	----------	451,639	436,418	6,708	8,513	----------	950,561	498,922	4
6,126,610	200,537	358,985	5,390,303	128,872	39,264	8,649	3,267,485	2,763,185	381,605	91,110	31,585	11,074,252	7,806,767	5
409,128	81,826	26,243	266,736	31,064	----------	3,259	542,976	533,958	5,249	3,769	----------	1,152,234	609,258	6
737,790	51,506	26,412	598,477	61,395	----------	----------	1,981,279	1,940,600	19,786	20,893	----------	3,683,852	1,702,573	7
311,881	50,123	47,784	115,266	98,708	----------	----------	748,153	725,048	11,454	10,651	1,000	1,734,177	986,024	8
2,970,426	22,703	491,858	2,441,285	2,400	5,398	6,782	7,628,227	7,284,386	176,780	163,410	3,651	12,310,555	4,682,328	9
4,041,119	562,724	395,867	2,754,770	297,012	3,795	26,951	7,218,457	6,961,280	72,597	140,846	43,734	14,309,913	7,091,456	10
1,605,598	130,929	324,142	1,090,570	59,957	----------	----------	1,908,031	1,769,469	72,453	64,609	1,500	5,421,545	3,513,514	11
87,557	----------	----------	84,257	3,300	----------	----------	2,040	222	444	1,374	----------	114,332	112,292	12
1,998,616	180,646	87,552	1,433,540	286,562	7,910	2,406	3,101,012	2,858,035	4,676	17,381	220,920	6,115,829	3,014,817	13
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	14
(5)	----------	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	15
995,471	113,351	94,803	693,221	90,231	----------	3,865	1,628,520	1,570,880	8,514	27,092	22,034	3,208,880	1,580,360	16
741,865	51,853	81,248	529,612	79,152	----------	----------	3,978,956	3,867,050	83,647	28,259	----------	5,403,631	1,424,675	17
1,374,586	111,035	204,630	979,937	77,164	----------	1,820	1,979,128	1,898,579	34,804	42,570	3,175	4,405,870	2,426,742	18
481,854	98,815	57,163	247,146	78,730	----------	----------	663,710	607,452	10,043	9,581	36,634	1,580,485	916,775	19
3,158,938	110,726	189,131	2,792,070	65,415	1,596	----------	9,475,691	9,268,801	95,757	111,133	----------	15,950,181	6,474,490	20
1,600,685	128,803	95,003	1,238,169	132,849	1,392	4,469	3,933,119	3,777,306	10,702	23,312	121,799	6,927,974	2,994,855	21
1,037,289	45,034	74,850	881,441	31,816	4,148	----------	1,964,425	1,934,369	6,675	20,766	2,615	3,758,716	1,794,291	22
1,145,367	72,164	243,112	800,069	30,022	----------	----------	3,014,396	2,917,619	20,662	62,487	13,628	6,026,955	3,012,559	23
615,957	146,850	151,952	255,096	58,684	----------	3,375	687,625	665,604	2,797	5,895	13,329	1,724,844	1,037,219	24
114,961,873	3,677,047	18,223,868	84,977,577	7,696,579	249,368	137,434	233,132,755	225,114,589	4,697,336	2,895,556	425,274	500,409,894	267,277,139	25
3,350,794	96,829	657,588	2,294,541	285,463	12,343	4,030	26,185,247	25,678,368	451,996	54,883	----------	40,761,144	14,575,897	26
3,517,174	129,167	320,488	2,716,409	351,110	----------	----------	18,674,057	18,572,228	50,205	51,624	----------	24,477,784	5,803,727	27
5,078,331	345,102	547,171	3,558,217	624,191	----------	3,650	19,869,726	19,341,873	367,804	139,537	20,512	32,494,431	12,624,705	28
861,100	74,125	64,567	682,382	36,135	3,891	----------	1,913,779	1,805,310	5,188	12,783	90,498	3,417,104	1,503,325	29
419,849	53,397	48,393	280,351	37,708	----------	----------	287,917	273,349	3,842	10,726	----------	1,036,849	748,932	30
9,619,344	448,416	1,881,294	6,128,261	1,134,042	26,828	503	37,782,672	36,872,234	699,528	201,927	8,983	63,511,477	25,728,805	31
568,583	65,676	57,407	406,236	39,264	----------	----------	1,018,905	994,179	21,296	3,430	----------	1,968,569	949,664	32
6,654,567	67,690	887,597	5,556,227	85,365	46,888	10,800	8,478,454	7,169,605	977,290	331,559	----------	27,508,871	19,030,417	33
2,033,364	128,013	217,319	1,594,315	86,957	6,760	----------	2,274,739	2,101,990	119,131	52,071	1,547	6,141,751	3,867,012	34
4,769,381	193,964	800,700	3,231,281	421,422	122,014	----------	16,357,375	15,711,183	340,471	160,981	144,740	27,237,693	10,880,318	35
14,500,833	156,118	2,090,129	11,998,187	244,795	----------	11,604	27,337,332	26,361,522	307,260	619,912	48,638	78,071,077	50,733,745	36
56,201,884	1,526,202	9,494,085	41,365,697	3,705,525	6,528	103,847	61,930,839	59,661,304	1,114,741	1,083,657	71,137	170,946,854	109,016,015	37
5,011,946	323,314	513,910	3,560,117	592,889	21,716	----------	6,198,744	5,996,848	91,581	93,906	16,409	14,058,260	7,859,516	38
2,374,723	69,034	643,220	1,605,356	51,713	2,400	3,000	4,822,969	4,574,596	147,003	78,560	22,810	8,778,030	3,955,061	39, 40, 41, 42, 43, 44

[2] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.
[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[6] For numbers of establishments and of wage earners in individual industries, see table 12.

TABLE 9.—GENERAL STATISTICS FOR

[This table presents, for the industrial areas, separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for which combined figures are given, however, reported larger numbers of

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
			CLEVELAND INDUSTRIAL AREA								
1		All industries, total	2,699	1,219	175,499	2,743	20,401	140,653	10,468	664	570
2	13	Abrasive wheels, stones, paper, cloth, and related products	6		131	10	12	99	10		
3	15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	6	1	1,476	6	142	1,310	16	2	
4	15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	10	7	1,996	6	298	1,589	22	81	
5	20	Artists' materials	5	1	93	5	10	58	20		
6	14	Automobile stampings	8		656	21	77	540	17		1
7	16	Automotive electrical equipment	6	1	368	10	37	294	19		8
8	6	Baskets for fruits and vegetables	3	1	111	4	11	94	2		
9	16	Batteries, storage and primary (dry and wet)	8	4	3,026	9	424	2,482	61		50
10	1	Biscuit, crackers, and pretzels	4	1	279	7	11	254	7		
11	14	Blast-furnace products	4		1,573		243	1,300		30	
12	17	Blowers; exhaust and ventilating fans	3		187	4	31	141	11		
13	14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	21	2	4,111	25	315	3,643	125	3	
14	8	Bookbinding and related industries	24	10	564	31	42	443	48		
15	8	Books: printing without publishing	13	4	312	15	57	219	21		
16	8	Books: publishing and printing	5	3	414	9	26	328	51		
17	8	Books: publishing without printing	9	4	106	6	42	1	57		
18	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	298	277	4,850	62	251	4,098	380	7	52
19	13	Brick and hollow structural tile	7		427	8	32	368	18		1
20	20	Brooms	3		64	7	4	45	8		
21	20	Brushes	7	1	468	7	68	376	17		
22	1	Candy and other confectionery products	18	6	613	14	47	515	32	1	4
23	4	Canvas products (except bags)	7	3	327	8	76	153	89		1
24	17	Cars and trucks, industrial	5	3	424	10	57	262	90		5
25	6	Caskets, coffins, burial cases, and other morticians' goods	12	6	287	14	17	188	68		
26	1	Cheese	4	1	4			4			
27	9	Chemicals not elsewhere classified	12	3	1,385	3	230	1,078	32	4	38
28	9	Cleaning and polishing preparations, blackings, and dressings	18	6	180	15	20	80	65		
29	3	Cloth sponging and miscellaneous special finishing	3	1	36	3	2	30	1		
30	7	Coated and glazed paper	3		34	1	2	28	3		
31	4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	16	5	1,115	21	124	866	102		2
32	16	Communication equipment	7	1	483	13	70	348	51	1	
33	9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	10		347	3	24	190	129	1	
34	13	Concrete products	27	13	261	15	17	210	18		1
35	17	Construction and similar machinery (except mining and oil-field machinery and tools)	10	2	1,373	29	265	936	132	4	7
36	1	Creamery butter	3		146		11	53	82		
37	1	Cured fish	3	2	13	2		8	3		
38	20	Dental equipment and supplies	4	2	126	2	3	98	23		
39	9	Drugs and medicines (including drug grinding)	24	2	432	33	52	238	104	3	2
40	16	Electrical appliances	6	1	1,342	13	131	1,127	59	4	8
41	16	Electrical products not elsewhere classified	8		855	2	137	714	2		
42	15	Electroplating, plating, and polishing	30	21	502	22	33	437	10		
43	8	Electrotyping and stereotyping, not done in printing establishments	13	2	387	13	109	222	34		9
44	14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	16	2	1,297	26	80	1,117	74		
45	14	Enameling, japanning, and lacquering	4	2	62	3	6	51	2		
46	8	Engraving (steel, copperplate, and wood); plate printing	7	2	90	8	13	61	8		
47	7	Envelopes	3		243	9	26	180	26	2	
48	20	Fabricated plastic products, not elsewhere classified	10		1,310	19	180	1,030	70	11	
49	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	23	11	871	23	93	700	54		1
50	20	Feathers, plumes, and artificial flowers	4	3	48	3	4	39	2		
51	9	Fertilizers	3		159	1	15	120	23		
52	1	Flavoring extracts and flavoring sirups, not elsewhere classified	7	2	135	10	5	62	58		
53	1	Flour and other grain-mill products	4	1	159		32	109	17	1	
54	1	Food preparations, not elsewhere classified	11	2	242	4	15	182	41		
55	17	Food-products machinery	7	1	178	9	21	146	2		
56	14	Forgings, iron and steel—made in plants not operating in connection with rolling mills	17	1	1,775	33	130	1,532	70	5	5
57	20	Games and toys (except dolls and children's vehicles)	6	1	239	9	16	193	21		
58	8	General commercial (job) printing	191	148	2,381	119	329	1,772	158	3	
59	16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	25	2	2,357	45	519	1,693	92		8
60	14	Gray-iron and semisteel castings	30	3	4,589	37	162	4,299	83	5	3
61	9	Grease and tallow (except lubricating greases)	4		171	6	11	135	17	2	
62	20	Hand stamps, stencils, and brands	8	3	61	7	7	35	12		
63	14	Hardware not elsewhere classified	8	1	946	10	114	771	49	2	
64	14	Heating and cooking apparatus, except electric, not elsewhere classified	4	4	42	5	8	20	5	4	
65	4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	6	4	746	8	34	672	32		
66	4	Housefurnishings (except curtains, draperies, and bedspreads)	6	6	43	1	4	32	6		

See footnotes at end of table.

INDUSTRIAL AREAS, BY INDUSTRIES: 1939

for individual establishments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries wage earners or larger values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing: Salaries [2]	Manufacturing: Wages	Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
CLEVELAND INDUSTRIAL AREA														
Dollars 285,092,520	*Dollars* 17,795,351	*Dollars* 43,623,293	*Dollars* 200,153,593	*Dollars* 21,592,443	*Dollars* 1,140,792	*Dollars* 787,048	*Dollars* 576,504,827	*Dollars* 534,583,948	*Dollars* 26,013,241	*Dollars* 8,773,813	*Dollars* 7,133,825	*Dollars* 1,123,146,504	*Dollars* 546,641,677	1
190,934	69,912	21,990	82,903	16,129	----	----	286,582	271,832	5,587	7,315	1,848	694,968	408,386	2
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	3
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	4
167,783	30,020	12,566	77,367	47,830	----	----	167,804	151,484	1,670	14,650	----	420,419	252,615	5
1,139,344	119,485	154,689	800,385	64,305	----	480	1,640,137	1,564,174	16,527	33,569	25,867	3,263,553	1,623,416	6
569,524	63,687	94,816	366,773	33,904	----	10,344	531,705	508,170	4,878	15,753	2,904	1,459,723	928,018	7
110,227	19,220	21,222	68,085	1,700	----	----	57,185	55,131	----	2,054	----	221,641	164,456	8
5,139,942	96,278	1,045,852	3,748,356	161,825	----	87,631	9,411,721	9,116,329	110,008	176,679	8,705	19,822,849	10,411,128	9
283,350	43,000	17,459	211,570	11,321	----	----	568,457	548,910	13,140	6,407	----	1,109,338	540,881	10
2,744,400	----	684,575	2,008,862	----	50,963	----	31,431,913	20,711,279	10,719,668	966	----	40,428,290	8,996,377	11
266,803	32,462	43,828	168,886	21,627	----	----	470,462	400,766	1,421	2,633	65,642	847,611	377,149	12
6,358,116	229,123	701,666	5,153,788	268,404	5,135	----	8,030,981	7,411,529	243,193	233,302	142,957	18,816,467	10,785,486	13
672,331	113,572	64,727	411,182	82,850	----	----	531,985	471,247	1,359	10,682	48,697	1,604,443	1,072,458	14
712,704	101,149	144,105	351,649	115,801	----	----	704,782	519,835	3,257	13,610	168,080	1,757,273	1,052,491	15
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	16
168,820	27,774	52,632	795	87,619	----	----	151,574	19,962	----	350	131,262	481,145	329,571	17
6,902,802	241,177	486,259	5,479,476	636,857	7,906	51,127	10,365,385	9,871,812	278,459	215,114	----	22,788,205	12,422,820	18
555,185	57,973	53,404	391,101	52,353	240	114	343,194	66,191	220,251	56,752	----	1,298,468	955,274	19
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	20
644,291	63,359	113,404	447,592	19,936	----	----	784,983	769,035	4,473	11,475	----	2,040,243	1,255,260	21
658,791	78,924	80,447	428,258	64,649	2,671	3,842	2,357,034	2,317,255	19,261	20,518	----	3,405,285	1,048,251	22
382,974	27,931	57,065	108,079	188,599	----	1,300	300,976	293,099	3,484	2,911	1,482	938,706	637,730	23
722,121	45,717	109,923	301,780	254,321	----	10,380	855,543	834,282	7,944	12,607	710	2,165,323	1,309,780	24
428,377	56,426	37,370	185,501	149,080	----	----	511,617	495,091	4,588	8,064	3,874	1,271,258	759,641	25
3,769	----	----	3,769	----	----	----	69,371	68,358	550	463	----	84,438	15,067	26
2,462,196	25,700	505,613	1,743,534	106,572	8,665	72,112	9,497,045	9,051,314	272,732	166,969	6,030	17,431,101	7,934,056	27
306,191	86,136	40,191	71,256	108,151	147	310	445,843	440,442	3,083	2,318	----	1,166,533	720,690	28
54,346	12,600	3,300	37,198	1,248	----	----	58,999	55,782	1,287	1,930	----	162,808	103,809	29
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	30
1,681,424	59,990	246,709	1,171,970	201,743	----	1,012	3,038,500	2,708,779	6,053	10,466	313,202	5,708,355	2,669,855	31
606,315	80,517	101,763	351,199	71,636	1,200	----	730,941	717,774	3,228	9,939	----	1,977,436	1,246,495	32
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	33
380,899	45,567	29,783	268,821	36,293	----	435	507,347	493,219	6,242	7,886	----	1,300,945	793,598	34
2,667,508	282,783	473,294	1,435,066	445,362	7,866	23,137	6,423,077	6,179,798	39,690	45,089	158,500	12,405,239	5,982,162	35
223,955	----	18,330	77,397	128,228	----	----	1,223,899	1,198,361	12,748	12,790	----	1,382,589	158,690	36
11,871	3,900	----	5,539	2,432	----	----	59,093	57,894	425	774	----	75,531	16,438	37
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	38
662,166	182,226	83,225	196,155	196,031	2,436	2,093	1,270,413	1,248,939	5,914	9,388	6,172	3,330,904	2,060,491	39
1,969,074	93,999	265,672	1,458,192	135,377	5,438	10,396	2,808,002	2,744,227	18,795	40,030	4,950	5,975,783	3,167,781	40
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	41
666,895	63,897	63,977	513,751	25,270	----	----	376,889	300,268	22,478	48,309	5,834	1,491,831	1,114,942	42
1,030,236	108,620	237,027	572,811	82,786	----	28,992	423,878	235,781	3,568	20,244	164,285	2,751,927	2,328,049	43
1,844,295	170,954	165,483	1,340,228	167,630	----	----	2,456,543	2,330,420	54,250	57,653	14,220	5,373,762	2,917,219	44
62,038	7,300	9,404	43,335	1,999	----	----	52,760	45,695	4,447	2,618	----	150,358	97,598	45
178,138	48,218	20,043	99,062	10,815	----	----	84,857	77,418	1,034	3,168	3,237	330,012	245,155	46
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	47
2,001,502	86,422	345,494	1,347,830	199,613	22,143	----	3,684,522	3,514,068	50,985	46,185	73,284	6,793,923	3,109,401	48
1,418,597	112,122	214,708	982,480	109,247	----	40	3,178,197	3,016,742	19,168	48,703	93,584	5,276,578	2,098,381	49
44,567	8,665	3,683	28,051	4,168	----	----	42,544	41,588	344	612	----	133,416	90,872	50
237,430	4,435	39,147	146,875	46,973	----	----	1,177,965	1,163,814	609	13,542	----	1,623,997	446,032	51
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	52
(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	53
228,569	18,995	19,935	115,119	74,520	----	----	671,211	656,352	11,307	3,552	----	1,399,660	728,449	54
275,796	19,190	48,689	206,543	1,374	----	----	321,846	301,137	8,591	10,698	1,420	727,423	405,577	55
3,115,330	246,093	334,010	2,356,054	160,976	9,673	8,524	5,176,164	4,433,488	417,325	167,384	157,967	10,675,288	5,499,124	56
228,565	23,100	25,140	159,750	20,575	----	----	309,563	291,688	4,639	5,343	7,893	740,943	431,380	57
4,009,344	495,073	603,401	2,543,387	359,456	8,027	----	3,547,615	3,127,385	23,255	77,955	319,020	10,080,518	6,532,903	58
3,943,182	290,724	1,011,803	2,431,505	201,310	----	7,840	9,928,109	9,735,484	44,248	117,327	31,050	19,775,870	9,847,761	59
6,751,981	217,544	440,471	5,928,558	154,122	9,420	1,866	4,730,642	3,935,752	502,700	238,284	53,906	13,885,196	9,154,554	60
242,691	24,022	19,161	167,155	28,708	3,645	----	811,948	775,234	22,666	14,048	----	1,129,622	317,674	61
94,916	23,740	10,579	37,495	23,102	----	----	63,799	58,165	751	1,383	3,500	181,506	117,707	62
1,224,784	54,005	224,747	852,792	90,813	2,427	----	943,503	854,168	57,558	26,544	5,233	2,671,176	1,727,673	63
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	64
621,668	74,666	78,538	383,692	84,772	----	----	1,305,912	1,267,749	464	5,608	32,091	2,318,831	1,012,919	65
36,177	3,500	4,157	21,169	7,351	----	----	106,538	104,865	666	1,007	----	189,374	82,836	66

TABLE 9.—GENERAL STATISTICS FOR INDUSTRIAL

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS ENGAGED IN MANUFACTURING ESTABLISHMENTS[1] Total[2]	Salaried officers of corporations[2]	Manufacturing: Salaried employees[2]	Manufacturing: Wage earners (average for year)[3]	Distribution	Construction	Other
		CLEVELAND INDUSTRIAL AREA—Continued									
1	6	Household furniture, except upholstered	13	9	275	11	12	239	13	-	------
2	1	Ice cream and ices	30	8	326	22	17	179	100	1	7
3	1	Ice, manufactured	12	1	109	4	5	71	29	--	------
4	17	Industrial machinery, not elsewhere classified	20	6	1,266	41	176	899	141	5	4
5	9	Insecticides, fungicides, and related industrial and household chemical compounds	27	7	293	28	35	148	82	----	------
6	15	Jewelry (precious metals)	9	8	43	2	6	28	6	- -	1
7	3	Knitted outerwear (except knit gloves): regular factories or jobbers engaging contractors	14	3	1,770	23	94	1,583	69	- -	1
8	15	Lighting fixtures	23	17	1,804	20	191	1,457	134	1	1
9	1	Liquors, rectified or blended	4	-	15	--	3	12	------	------	------
10	8	Lithographing and photolithographing (including preparation of stones or plates and dry transfers)	28	11	945	37	133	693	77	3	2
11	9	Lubricating oils and greases—not made in petroleum refineries	13	- -	226	26	24	104	71	------	-----1
12	1	Macaroni, spaghetti, vermicelli, and noodles	13	8	119	7	6	93	12	------	1
13	8	Machine and hand typesetting (including advertisement typesetting)	15	9	160	15	30	107	8	---	------
14	17	Machine-shop products, not elsewhere classified	69	17	4,044	89	465	3,260	187	6	37
15	17	Machine-shop repairs	23	13	273	20	26	216	10	1	------
16	17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	60	39	2,854	58	397	2,168	193	28	10
17	17	Machine tools	15	3	3,966	19	610	3,182	121	----	34
18	1	Malt liquors	9	- -	1,265	26	52	757	402	8	20
19	6	Mattresses and bedsprings	7	5	169	9	15	137	8	------	------
20	1	Meat packing, wholesale	24	16	2,045	29	202	1,395	402	3	14
21	17	Mechanical power-transmission equipment	11	2	756	22	120	580	32	------	2
22	4	Men's and boys' hats and caps (except felt and straw)	6	4	40	3	5	30	2	------	------
23	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	10	7	144	5	3	135	1	------	------
24	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	15	4	5,402	31	242	4,973	139	------	17
25	4	Men's neckwear—made in inside factories or by jobbers engaging contractors	4	- - -	263	6	13	218	23	1	2
26	17	Metalworking machinery and equipment, not elsewhere classified	13	-- ----	1,796	30	271	1,442	41	------	12
27	13	Mineral wool	3	- - -	102	4	10	86	------	2	------
28	13	Mirrors and other glass products made of purchased glass	6	4	272	-- -	17	255	- ------	------	------
29	20	Miscellaneous fabricated products not elsewhere classified	3	3	22	2	---- -	20	- ------	------	------
30	4	Miscellaneous fabricated textile products not elsewhere classified	4	--	74	5	6	60	3	------	------
31	20	Models and patterns (except paper patterns)	34	35	262	20	17	221	4	---	------
32	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	15	2	367	16	12	326	13	-	------
33	19	Motorcycles, bicycles, and parts	6	-	2,738	17	181	2,294	234	12	------
34	18	Motor vehicles, motor-vehicle bodies, parts and accessories	30	2	10,786	60	1,693	8,800	225	8	------
35	8	Newspapers: publishing and printing	33	18	2,832	23	1,063	1,253	493	------	------
36	8	Newspapers: publishing without printing	10	4	64	6	53	4	1	------	------
37	1	Nonalcoholic beverages	31	22	562	20	34	193	315	--- --	------
38	15	Nonferrous-metal foundries (except aluminum)	25	9	1,117	27	74	956	28	21	11
39	15	Nonferrous-metal products not elsewhere classified	19	11	3,077	29	396	2,571	61	5	15
40	6	Office furniture	6	-- -	396	11	26	309	50	------	------
41	9	Paints, varnishes, and lacquers	51	8	2,557	72	325	1,465	688	6	1
42	7	Paperboard containers and boxes not elsewhere classified	17	1	1,053	20	137	843	47	6	------
43	6	Partitions, shelving, cabinet work, and office and store fixtures	15	5	662	22	122	414	101	3	---
44	10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	3	--- -	92	2	13	74	3	-- -	- -----
45	9	Perfumes, cosmetics, and other toilet preparations	13	10	168	9	25	92	42	--	- ----
46	8	Periodicals: publishing and printing	12	3	715	16	191	399	109	------	------
47	8	Periodicals: publishing without printing	26	3	241	21	172	1	47	-----	------
48	10	Petroleum refining	3	------	712	------ -	119	574	19	------	------
49	8	Photoengraving, not done in printing establishments (including preparation of plates)	15	2	311	35	43	198	35	------	------
50	20	Photographic apparatus and materials and projection equipment (except lenses)	3	1	42	3	6	30	3	------	------
51	1	Pickled fruits and vegetables and vegetable sauces and seasonings	5	1	118	5	12	92	9	------	------
52	5	Planing mills not operated in conjunction with sawmills	22	6	342	17	18	270	36	------	------1
53	1	Poultry dressing and packing, wholesale	8	5	55	7	3	33	12	------	------
54	14	Power boilers and associated products	9	3	471	13	82	369	7	------	------
55	1	Prepared feeds (including mineral) for animals and fowls	7	4	123	6	15	97	5	------	------
56	9	Printing ink	6	1	102	6	13	54	29	------	------
57	17	Printing-trades machinery and equipment	7	1	857	7	128	679	42	----- --	1
58	17	Pumping equipment and air compressors	10	1	277	17	39	191	28	1	1
59	16	Radios, radio tubes, and phonographs	3	2	864	4	107	725	13	6	9
60	17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	3	-----	408	5	53	306	15	------	29
61	4	Robes, lounging garments, and dressing gowns	3	2	61	1	2	57	1	------	------
62	10	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	7	-- ----	300	12	25	221	42	- - -	------
63	11	Rubber products not elsewhere classified	8	3	481	13	45	410	9	4	------
64	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	22	13	477	17	26	321	98	2	13
65	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	5	2	26	1	1	24	------	----- --	------

See footnotes at end of table.

AREAS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
CLEVELAND INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
260,752	29,614	22,594	194,326	14,218	----------	----------	508,125	488,928	5,149	7,959	6,089	913,966	405,841	1
532,908	85,948	22,122	210,576	200,002	1,595	12,665	1,728,523	1,631,851	19,014	77,658	----------	3,380,777	1,652,254	2
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	3
2,405,763	307,824	369,047	1,412,597	303,226	8,480	4,589	2,669,869	2,558,224	52,383	57,320	1,942	6,627,517	3,957,648	4
512,181	154,283	79,825	168,559	109,514	----------	----------	2,558,373	2,528,944	9,496	19,933	----------	6,580,015	4,021,642	5
56,534	6,680	7,137	35,078	6,919	----------	720	88,552	86,831	134	705	882	225,483	136,931	6
1,579,966	122,950	121,696	1,218,012	116,916	----------	392	2,092,000	2,010,264	2,855	23,695	55,186	4,314,049	2,222,049	7
2,551,908	205,573	380,809	1,665,358	298,331	1,250	587	4,437,602	4,323,273	41,524	62,545	10,260	9,707,800	5,270,198	8
20,468	----------	8,710	11,758	----------	----------	----------	84,517	83,647	215	655	----------	137,808	53,291	9
1,827,477	282,551	233,754	1,088,881	212,472	4,069	5,750	1,857,346	1,476,276	11,604	34,199	335,267	4,624,005	2,766,659	10
427,195	92,362	48,902	139,923	144,464	----------	1,544	1,230,043	1,197,101	24,482	8,460	----------	2,126,552	896,509	11
97,066	12,475	6,143	68,729	8,874	----------	845	358,562	334,766	7,446	16,350	----------	572,779	214,217	12
351,938	75,589	48,393	202,552	25,404	----------	----------	36,215	27,239	1,680	5,084	2,212	516,364	480,149	13
7,692,202	538,781	763,825	5,890,645	433,639	9,430	55,882	6,851,941	6,405,252	140,408	208,545	97,736	18,671,604	11,819,663	14
367,597	53,534	49,779	248,091	14,884	1,309	----------	205,873	175,291	12,874	16,152	1,556	738,751	532,878	15
5,222,706	384,435	826,230	3,524,504	434,736	44,192	8,609	2,723,075	2,482,144	50,213	162,045	28,673	11,779,160	9,056,085	16
7,040,064	147,232	1,081,675	5,461,186	305,599	----------	44,372	5,336,062	5,027,587	51,116	138,346	119,013	21,281,767	15,945,705	17
2,470,039	261,916	117,970	1,292,841	758,109	15,103	24,100	2,676,657	2,445,425	110,286	120,946	----------	10,180,935	7,504,278	18
219,643	35,427	19,253	152,036	12,776	151	----------	451,811	444,745	2,201	4,865	----------	915,798	463,987	19
3,300,328	177,145	470,454	1,819,841	806,911	4,417	21,560	25,702,494	25,477,693	125,334	78,434	21,033	30,075,329	4,372,835	20
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	21
38,309	8,190	5,688	23,733	698	----------	----------	49,979	47,311	36	1,599	1,033	98,522	48,543	22
106,692	7,235	2,131	97,005	321	----------	----------	31,997	26,507	335	2,812	2,343	192,111	160,114	23
7,696,541	380,733	484,918	6,379,838	430,290	----------	20,762	13,221,321	13,073,033	33,678	45,156	69,454	27,897,633	14,676,312	24
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	25
3,209,586	218,189	549,941	2,309,616	116,840	----------	15,000	3,195,713	3,076,406	28,399	77,927	12,981	10,309,791	7,114,078	26
153,335	45,551	29,091	75,038	----------	3,655	----------	163,545	120,460	34,834	8,251	----------	337,942	174,397	27
(5)	----------	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	28
(5)	(5)	----------	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	29
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	30
501,721	63,947	35,953	392,794	9,027	----------	----------	218,228	199,670	5,816	7,679	5,063	962,161	743,933	31
454,711	35,998	16,108	382,491	20,114	----------	----------	564,115	523,290	9,816	31,009	----------	1,564,283	1,000,168	32
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	33
19,168,024	547,225	3,682,819	14,397,722	524,858	15,400	----------	51,365,554	50,422,027	285,427	473,233	184,867	91,948,474	40,582,920	34
6,639,463	466,021	2,693,118	2,398,152	1,082,172	----------	----------	3,473,792	2,814,449	11,847	83,709	563,787	15,816,126	12,342,334	35
107,885	20,149	82,947	3,853	936	----------	----------	98,444	3,134	35	419	94,856	290,586	192,142	36
965,133	107,843	52,249	248,965	556,076	----------	----------	1,502,216	1,460,560	19,543	22,113	----------	3,590,782	2,088,566	37
1,746,951	146,762	167,248	1,304,999	52,191	59,635	16,116	2,094,217	1,990,880	70,119	33,216	2	4,366,519	2,272,302	38
5,755,082	358,078	897,984	4,289,746	189,360	7,994	11,920	6,033,943	5,813,685	89,567	124,814	5,877	15,490,513	9,456,570	39
450,343	51,507	54,141	307,643	37,052	----------	----------	418,348	377,879	26,497	13,972	----------	1,054,412	636,064	40
4,842,333	600,078	740,584	2,104,344	1,386,252	10,199	876	12,393,878	12,110,208	117,109	134,449	32,112	26,725,567	14,331,689	41
1,539,363	138,460	283,913	971,384	135,644	9,962	----------	3,631,061	3,576,804	12,701	34,046	7,510	6,116,700	2,485,639	42
1,004,898	138,225	170,172	565,723	123,879	6,899	----------	1,257,715	1,223,053	14,028	18,176	2,458	2,761,391	1,503,676	43
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	44
259,139	67,259	35,662	84,097	72,121	----------	----------	685,687	679,257	2,184	4,246	----------	2,589,652	1,903,965	45
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	46
616,262	143,737	356,406	1,486	114,633	----------	----------	676,192	65,454	208	133	610,397	1,818,956	1,142,764	47
(5)	----------	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	48
771,896	118,963	84,091	479,857	88,985	----------	----------	115,690	86,939	1,377	8,384	18,990	1,062,274	946,584	49
63,977	12,818	14,758	31,771	4,630	----------	----------	88,556	81,193	3,899	3,464	----------	224,869	136,313	50
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	51
519,987	60,009	34,797	364,207	59,098	----------	1,876	1,136,222	1,104,645	8,616	22,727	234	2,157,747	1,021,525	52
80,437	25,338	3,655	37,219	14,225	----------	----------	764,818	758,518	2,792	3,508	----------	914,484	149,666	53
780,350	46,988	161,946	556,949	14,467	----------	----------	852,118	753,868	42,071	32,476	23,703	2,297,222	1,445,104	54
154,872	24,915	27,704	94,046	8,207	----------	----------	1,500,662	1,475,941	11,554	13,167	----------	2,054,095	553,433	55
277,547	52,100	42,528	75,018	107,901	----------	----------	337,336	329,026	371	7,939	----------	819,564	482,228	56
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	57
530,637	136,516	81,926	272,739	36,321	1,777	1,358	772,437	747,919	4,258	9,728	10,532	1,709,811	937,374	58
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	59
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	60
41,081	520	1,740	37,748	1,073	----------	----------	78,784	77,705	----------	1,079	----------	153,797	75,013	61
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	62
493,557	37,116	81,914	350,031	17,761	6,735	----------	666,343	584,522	30,405	35,173	16,243	1,604,160	937,817	63
712,678	67,933	54,501	399,213	168,084	3,554	19,393	3,264,093	3,210,305	22,856	30,932	----------	4,580,881	1,316,788	64
(5)	(5)	(5)	(5)	----------	----------	----------	(5)	(5)	----------	----------	----------	(5)	(5)	65

TABLE 9.—GENERAL STATISTICS FOR INDUSTRIAL

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
		CLEVELAND INDUSTRIAL AREA—Continued									
1	14	Screw-machine products and wood screws	29	3	3,039	52	219	2,618	125	20	5
2	15	Smelting and refining of nonferrous metals, not elsewhere classified	7	1	354	9	54	282	7	.....	2
3	15	Sheet-metal work not specifically classified	34	21	557	36	51	443	26	....	1
4	19	Shipbuilding and ship repairing	5	2	341	..	50	291	..	.....	.....
5	20	Signs, advertising displays, and advertising novelties	34	15	442	34	28	342	38	..	
6	9	Soap and glycerin	7	2	84	10	8	33	33	.....	.....
7	17	Special-industry machinery, not elsewhere classified	3	1	632	..	163	466	3	.....	.....
8	20	Sporting and athletic goods not elsewhere classified	7	5	175	9	12	145	9	.....	..
9	14	Stamped and pressed metal products (except automobile stampings)	30	13	1,171	38	133	966	31	1	2
10	13	Steam and other packing; pipe and boiler covering	3	...	85	3	3	79	...	.....	.....
11	14	Steam fittings, regardless of material	10	2	957	14	122	813	7	.....	1
12	14	Steel castings	4	....	465	9	38	398	17	3	.....
13	14	Steel works and rolling mills	10	...	18,882	4	1,989	16,626	4	257	2
14	14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	17	2	3,620	20	386	2,982	191	.....	41
15	12	Suitcases, brief cases, bags, trunks, and other luggage	6	3	70	4	2	59	5	.....	.....
16	20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	9	3	218	6	14	131	67	..	.....
17	4	Textile bags not made in textile mills	8	1	192	10	15	155	12	.....	.....
18	14	Tin cans and other tinware not elsewhere classified	3	.....	485	4	68	413	.....	....	.....
19	14	Tools (except edge tools, machine tools, files, and saws)	10	1	733	21	123	554	35	.....	.....
20	4	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories	4	6	131	.....	5	111	15	.....	.....
21	6	Upholstered household furniture	16	2	727	15	64	600	47	1	.....
22	6	Venetian blinds	4	.....	73	4	7	58	4	.....	.....
23	14	Vitreous enameled products, including kitchen, household, and hospital utensils	3	.....	616	3	98	512	3	.....	.....
24	6	Window and door screens and weather strip	3	1	27	4	1	15	4	.....	3
25	6	Window shades	9	9	41	4	7	21	9	.....	.....
26	1	Wines	17	17	76	5	6	31	34	.....	.....
27	14	Wire drawn from purchased rods	5	..	1,062	6	165	883	.....	4	4
28	14	Wire work not elsewhere classified	26	7	1,887	47	122	1,521	172	4	21
29	16	Wiring devices and supplies	6	1	224	11	24	163	26	.....	.....
30	4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	9	5	975	15	33	839	86	2	.....
31	6	Wooden boxes except cigar boxes	10	1	300	12	14	260	14	.....	.....
32	6	Wood preserving	3	.	44	2	4	33	5	.....	.....
33	6	Wood products not elsewhere classified	8	5	43	3	3	34	3	.....	.....
34	3	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	3	..	1,941	4	46	1,885	6	.....	.....
35	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	6	3	225	5	12	188	19	.....	1
36		Other industries [6]	429	149	38,587	481	4,612	31,002	2,241	173	78
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]									
37	1	Food and kindred products	40	8	802	27	71	550	141	5	8
38	3	Textile-mill products and other fiber manufactures	19	6	3,190	27	151	2,981	31	.....	.....
39	4	Apparel and other finished products made from fabrics and similar materials	57	57	2,010	34	83	1,811	75	4	3
40	6	Furniture and finished lumber products	14	2	539	15	26	471	27	.....	.....
41	7	Paper and allied products	16	.....	753	29	55	591	76	2	.....
42	8	Printing, publishing, and allied industries	20	11	1,371	27	287	876	181	..	.....
43	9	Chemicals and allied products	18	1	1,471	6	145	1,113	183	22	2
44	10	Products of petroleum and coal	19	1	2,074	15	275	1,713	67	4	.....
45	13	Stone, clay, and glass products	26	8	967	18	67	855	23	4	..
46	14	Iron and steel and their products, except machinery	43	11	4,156	66	528	3,443	103	15	1
47	15	Nonferrous metals and their products	22	9	4,033	19	493	3,391	46	83	1
48	16	Electrical machinery	23	3	3,686	22	429	3,113	89	22	11
49	17	Machinery (except electrical)	46	4	8,756	108	1,660	6,123	813	.....	52
50	19	Transportation equipment except automobiles	12	.....	3,107	27	252	2,573	243	12	.....
51	20	Miscellaneous industries	34	14	1,166	34	68	944	120	.....	.....
52	2	Tobacco manufactures	11								
53	5	Lumber and timber basic products	5	14	506	7	22	454	23	.....	.....
54	12	Leather and leather products	4								
		CINCINNATI INDUSTRIAL AREA									
55		All industries, total	1,772	1,112	109,101	1,660	11,336	87,384	7,960	453	308
56	19	Aircraft and parts, including aircraft engines	3	....	158	6	25	113	14	...	.....
57	15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	4	3	82	3	11	64	2	1	1
58	16	Batteries, storage and primary (dry and wet)	3	2	57	...	4	52	1	...	.....
59	1	Biscuit, crackers, and pretzels	7	3	555	9	54	469	18	5	.....
60	8	Bookbinding and related industries	18	23	324	8	25	270	21	..	..

See footnotes at end of table.

AREAS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
CLEVELAND INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
4, 734, 351	369, 259	471, 454	3, 607, 855	258, 231	20, 000	7, 552	5, 572, 948	5, 129, 251	104, 313	179, 334	160, 050	13, 418, 181	7, 845, 233	1
549, 938	114, 760	108, 789	304, 558	17, 831	----------	4, 000	6, 080, 003	5, 980, 596	77, 084	22, 323	----------	7, 053, 677	973, 674	2
893, 118	188, 222	99, 361	565, 492	39, 508	----------	535	1, 184, 405	1, 147, 829	12, 063	17, 058	7, 455	2, 739, 839	1, 555, 434	3
568, 365	----------	122, 709	445, 656	----------	----------	----------	323, 544	274, 088	15, 965	33, 491	----------	1, 146, 074	822, 530	4
720, 018	163, 789	45, 273	442, 770	68, 186	----------	----------	571, 537	474, 547	3, 814	8, 484	84, 692	1, 736, 864	1, 165, 327	5
95, 789	19, 191	9, 972	31, 237	35, 389	----------	----------	299, 169	294, 321	2, 070	2, 778	----------	564, 134	264, 965	6
(5)	----------	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	7
236, 607	68, 960	20, 424	125, 450	21, 773	----------	----------	359, 882	350, 626	2, 942	6, 314	----------	833, 959	474, 077	8
1, 701, 628	187, 432	283, 825	1, 179, 115	48, 536	1, 393	1, 327	2, 969, 311	2, 738, 171	16, 456	57, 665	157, 019	5, 905, 694	2, 936, 383	9
(5)	(5)	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	10
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	11
817, 697	60, 424	101, 851	622, 967	26, 985	5, 470	----------	868, 809	705, 749	25, 663	126, 223	11, 174	1, 955, 044	1, 086, 235	12
33, 123, 095	48, 000	4, 862, 124	27, 737, 462	8, 360	462, 567	4, 582	80, 920, 045	71, 891, 686	7, 675, 267	1, 275, 037	78, 055	137, 095, 635	56, 175, 590	13
5, 608, 249	244, 147	795, 769	4, 087, 760	423, 490	----------	57, 083	9, 777, 500	8, 864, 898	179, 909	95, 856	636, 837	23, 298, 984	13, 521, 484	14
93, 124	15, 480	5, 540	64, 689	7, 415	----------	----------	126, 269	123, 862	421	1, 986	----------	272, 386	146, 117	15
257, 706	56, 393	26, 386	98, 052	76, 875	----------	----------	1, 020, 682	1, 016, 773	363	3, 526	20	1, 744, 969	724, 287	16
213, 539	45, 492	21, 517	127, 521	19, 009	----------	----------	832, 320	827, 017	1, 031	4, 272	----------	1, 103, 333	271, 013	17
643, 750	27, 120	155, 338	461, 292	----------	----------	----------	1, 738, 408	1, 713, 641	11, 285	13, 482	----------	3, 097, 182	1, 358, 774	18
1, 240, 574	153, 064	222, 533	754, 596	110, 381	----------	----------	1, 410, 462	1, 331, 321	44, 542	30, 814	3, 785	3, 464, 442	2, 053, 980	19
109, 912	----------	8, 145	84, 683	17, 084	----------	----------	37, 335	30, 856	953	1, 646	3, 880	231, 249	193, 914	20
1, 049, 831	68, 222	93, 596	760, 901	126, 462	650	----------	1, 605, 072	1, 583, 165	5, 568	16, 339	----------	3, 216, 356	1, 611, 284	21
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	22
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	23
32, 311	7, 544	757	16, 398	4, 353	----------	3, 259	49, 981	49, 471	129	381	----------	101, 165	51, 184	24
51, 673	13, 600	3, 617	21, 772	12, 684	----------	----------	77, 423	75, 959	481	983	----------	169, 786	92, 363	25
107, 368	31, 752	8, 756	28, 888	37, 972	----------	----------	259, 087	251, 171	4, 045	3, 871	----------	601, 649	342, 562	26
1, 958, 832	22, 703	392, 479	1, 531, 470	----------	5, 398	6, 782	5, 716, 940	5, 530, 098	107, 876	75, 315	3, 651	8, 565, 820	2, 848, 880	27
3, 207, 400	471, 200	265, 776	2, 191, 383	248, 295	3, 795	26, 951	4, 088, 183	3, 914, 973	53, 037	92, 010	28, 163	9, 517, 628	5, 429, 445	28
362, 347	54, 424	59, 715	200, 772	47, 436	----------	----------	536, 412	515, 990	9, 056	9, 866	1, 500	1, 225, 734	689, 322	29
1, 343, 796	150, 246	66, 364	919, 497	202, 639	5, 050	----------	1, 808, 129	1, 577, 493	1, 069	8, 647	220, 920	3, 879, 493	2, 071, 364	30
328, 611	42, 080	19, 672	250, 839	16, 020	----------	----------	425, 318	414, 367	462	10, 489	----------	910, 645	485, 327	31
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	32
50, 503	7, 000	3, 816	35, 340	4, 347	----------	----------	53, 835	50, 984	399	2, 402	50	155, 882	102, 047	33
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	34
221, 943	26, 580	15, 448	141, 201	38, 306	----------	408	532, 634	529, 293	256	3, 085	----------	881, 757	349, 123	35
60, 045, 686	3, 543, 653	10, 037, 860	41, 580, 931	4, 526, 903	272, 661	83, 678	139, 976, 985	133, 546, 062	2, 816, 962	2, 277, 084	1, 336, 877	259, 839, 378	119, 862, 393	36
1, 115, 201	100, 626	156, 428	566, 650	273, 908	12, 540	5, 049	5, 242, 502	5, 040, 830	26, 045	169, 242	6, 385	8, 154, 079	2, 911, 577	37
3, 268, 704	184, 108	266, 797	2, 768, 046	49, 753	----------	----------	8, 895, 257	8, 624, 370	158, 264	112, 623	----------	14, 728, 594	5, 833, 337	38
1, 946, 923	186, 252	142, 802	1, 454, 874	148, 574	6, 890	7, 531	3, 248, 796	3, 109, 927	6, 361	20, 573	111, 935	6, 321, 972	3, 073, 176	39
672, 579	86, 623	40, 648	507, 540	37, 768	----------	----------	1, 335, 463	1, 310, 984	10, 688	10, 340	3, 451	2, 394, 704	1, 059, 241	40
1, 203, 235	240, 291	124, 777	655, 266	178, 860	4, 041	----------	1, 750, 571	1, 639, 296	29, 665	47, 313	34, 297	3, 711, 525	1, 960, 954	41
2, 387, 232	206, 653	494, 418	1, 308, 313	377, 848	----------	----------	1, 980, 222	1, 372, 724	11, 612	50, 661	545, 225	6, 112, 356	4, 132, 134	42
2, 371, 079	72, 992	349, 045	1, 580, 152	330, 544	36, 359	1, 987	6, 852, 323	6, 450, 733	164, 667	236, 923	----------	11, 755, 750	4, 903, 427	43
3, 700, 707	137, 365	679, 345	2, 682, 482	183, 002	18, 513	----------	30, 605, 284	29, 361, 697	969, 693	217, 799	56, 095	38, 531, 011	7, 925, 727	44
1, 313, 472	64, 051	138, 648	1, 068, 831	37, 286	4, 656	----------	1, 644, 709	1, 387, 601	193, 028	64, 080	----------	6, 796, 095	5, 151, 386	45
6, 557, 618	447, 547	1, 108, 079	4, 838, 595	143, 420	19, 077	900	10, 100, 353	9, 306, 039	388, 564	308, 913	96, 837	21, 903, 270	11, 802, 917	46
6, 860, 955	220, 593	1, 052, 333	5, 392, 180	80, 697	114, 212	940	22, 251, 800	21, 367, 679	391, 168	339, 823	153, 130	34, 764, 320	12, 512, 520	47
4, 986, 666	160, 351	902, 685	3, 739, 605	134, 664	35, 826	13, 535	7, 863, 599	7, 476, 815	123, 758	207, 388	55, 638	24, 559, 554	16, 695, 955	48
16, 237, 728	906, 380	3, 808, 191	9, 606, 595	1, 862, 826	----------	53, 736	24, 734, 170	23, 970, 636	243, 650	328, 873	191, 011	54, 639, 606	29, 905, 436	49
5, 098, 794	274, 246	578, 948	3, 815, 686	409, 367	20, 547	----------	10, 299, 978	10, 037, 844	69, 275	122, 589	70, 270	18, 396, 956	8, 096, 978	50
1, 817, 187	207, 701	159, 164	1, 215, 739	234, 583	----------	----------	1, 779, 676	1, 722, 405	18, 866	26, 986	11, 419	4, 831, 383	3, 051, 707	51
507, 606	47, 874	35, 552	380, 377	43, 803	----------	----------	1, 392, 282	1, 366, 482	11, 658	12, 958	1, 184	2, 238, 203	845, 921	52, 53, 54
CINCINNATI INDUSTRIAL AREA														
163, 044, 483	10, 858, 753	23, 486, 210	112, 224, 524	15, 302, 052	808, 291	364, 653	386, 912, 580	369, 397, 626	9, 138, 356	4, 133, 721	4, 242, 877	702, 620, 018	315, 707, 438	55
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	56
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	57
(5)	----------	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	58
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	59
467, 284	43, 942	48, 820	321, 105	53, 417	----------	----------	251, 981	219, 403	3, 775	5, 815	22, 988	981, 252	729, 271	60

TABLE 9.—GENERAL STATISTICS FOR INDUSTRIAL

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
		CINCINNATI INDUSTRIAL AREA—Continued									
1	8	Books—printing without publishing	12	3	316	20	24	256	16	------	------
2	8	Books—publishing without printing	3		165	1	142	------	22	------	------
3	12	Boots and shoes—cut stock and findings	7	5	246	4	17	224	1	------	------
4	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	180	195	2,719	31	116	2,220	301	11	40
5	13	Brick and hollow structural tile	3	5	64	3	4	56	1	------	------
6	20	Brooms	3	4	45	1	6	36	2	------	------
7	20	Brushes	6	5	61	6	1	49	5	------	------
8	1	Candy and other confectionery products	18	7	740	14	32	654	39	------	1
9	1	Canned and dried fruits and vegetables (including canned soups)	6	4	158	------	14	140	4	------	------
10	4	Canvas products (except bags)	4	3	59	3	3	26	27	------	------
11	6	Caskets, coffins, burial cases, and other morticians' goods	5	1	404	1	20	350	33	------	------
12	1	Cheese	4	1	5	1	------	4	------	------	------
13	9	Chemicals not elsewhere classified	12	1	1,247	12	143	1,042	41	9	------
14	2	Cigars	7	2	308	9	10	266	23	------	------
15	9	Cleaning and polishing preparations, blackings, and dressings	13	12	143	5	50	67	21	------	------
16	7	Coated and glazed paper	4	------	122	3	14	92	13	------	------
17	9	Compressed and liquefied gases—not made in petroleum refineries or in natural gasoline plants	8	------	117	2	13	72	30	------	------
18	13	Concrete products	35	22	289	18	21	227	23	------	------
19	1	Condensed and evaporated milk	4	2	47	4	5	15	23	------	------
20	7	Converted paper products not elsewhere classified	4	1	847	4	105	684	54	------	------
21	6	Cooperage	5	3	128	3	6	119	------	------	------
22	3	Cotton narrow fabrics	3	------	119	7	7	98	7	------	------
23	1	Creamery butter	12	4	259	2	33	181	41	------	2
24	14	Doors, window sash, frames, molding, and trim (made of metal)	3	------	208	7	23	153	25	------	------
25	16	Electrical products not elsewhere classified	4	1	38	7	2	27	2	------	------
26	15	Electroplating, plating, and polishing	7	8	129	5	12	104	7	------	1
27	8	Electrotyping and stereotyping, not done in printing establishments	4	------	299	6	17	261	15	------	------
28	17	Elevators, escalators, and conveyors	6	4	405	13	89	264	36	------	3
29	14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	4	3	115	1	5	105	4	------	------
30	8	Engraving (steel, copperplate, and wood); plate printing	5	16	38	3	1	31	3	------	------
31	20	Fabricated plastic products, not elsewhere classified	6	1	710	8	86	605	11	------	------
32	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	16	3	620	28	56	480	54	------	2
33	9	Fertilizers	5	------	368	------	28	291	47	2	------
34	7	Fiber cans, tubes, and similar products	4	1	103	3	3	86	11	------	------
35	1	Flavoring extracts and flavoring sirups, not elsewhere classified	8	5	95	6	8	60	21	------	------
36	1	Flour and other grain-mill products	6	12	58	2	5	42	8	------	1
37	1	Food preparations, not elsewhere classified	15	12	309	5	33	250	21	------	------
38	17	Food-products machinery	10	------	981	24	192	734	31	------	------
39	12	Footwear (except rubber)	12	4	3,611	13	100	3,427	62	9	------
40	14	Forgings, iron and steel—made in plants not operated in connection with rolling mills	6	------	192	16	36	137	------	1	2
41	8	General commercial (job) printing	130	122	2,379	78	257	1,861	183	------	------
42	16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	10	1	1,041	8	257	690	77	6	3
43	14	Gray-iron and semisteel castings	17	5	1,283	35	98	1,133	17	------	------
44	9	Grease and tallow (except lubricating greases)	5	4	294	8	31	234	9	12	------
45	20	Hand stamps, stencils, and brands	7	13	44	1	4	28	11	------	------
46	14	Hardware not elsewhere classified	5	------	142	4	17	116	5	------	------
47	4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	7	6	105	2	2	92	8	------	1
48	4	Housefurnishings (except curtains, draperies, and bedspreads)	6	2	207	8	6	160	29	1	3
49	6	Household furniture, except upholstered	11	9	584	11	33	503	37	------	------
50	1	Ice cream and ices	28	25	219	16	13	137	51	------	2
51	1	Ice, manufactured	23	4	331	23	22	104	151	5	26
52	12	Industrial leather belting and packing leather	3	------	22	5	1	12	4	------	------
53	17	Industrial machinery, not elsewhere classified	8	2	205	14	21	142	28	------	------
54	9	Insecticides, fungicides, and related industrial and household chemical compounds	12	1	176	15	35	105	20	------	1
55	15	Jewelry (precious metals)	16	19	280	11	21	200	46	1	1
56	6	Laboratory, hospital, and other professional furniture	3	2	115	3	6	102	4	------	------
57	15	Lighting fixtures	4	1	1,285	4	101	1,159	17	------	4
58	8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	17	7	1,047	22	80	890	55	------	------
59	8	Machine and hand typesetting (including advertisement typesetting)	8	4	150	6	12	122	10	------	------
60	17	Machine-shop products, not elsewhere classified	18	14	383	22	60	291	9	1	------
61	17	Machine-shop repairs	12	10	78	8	2	60	8	------	------
62	17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	18	19	257	12	25	209	10	------	1
63	17	Machine tools	26	3	8,338	65	1,425	6,585	232	1	30
64	1	Malt liquors	16	------	2,050	35	139	1,224	612	25	15
65	6	Mattresses and bedsprings	8	------	304	11	16	248	29	------	------

See footnotes at end of table.

AREAS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
CINCINNATI INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
548,331	93,665	41,222	378,974	34,470	----	----	418,175	358,509	1,572	11,511	46,583	1,248,189	836,014	1
(5)	(5)	(5)	----	(5)	----	----	(5)	(5)	----	(5)	(5)	(5)	(5)	2
178,086	12,517	18,617	145,352	1,600	----	----	382,676	375,162	3,778	3,736	----	647,346	264,670	3
3,830,669	185,390	244,887	3,000,431	351,565	17,689	30,707	6,777,647	6,484,481	184,810	108,356	----	14,403,768	7,626,121	4
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	5
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	6
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	7
695,444	39,005	54,611	530,219	71,314	----	295	2,509,204	2,476,737	15,144	17,323	----	3,725,469	1,216,265	8
(5)	----	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	9
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	10
504,415	835	45,250	392,939	65,391	----	----	625,862	603,304	14,572	7,986	----	1,396,788	770,926	11
6,354	2,756	----	3,598	----	----	----	41,066	38,418	857	1,761	----	58,959	17,893	12
2,091,932	110,502	446,386	1,430,684	92,160	12,200	----	8,380,375	8,067,952	196,185	116,238	----	14,722,728	6,342,353	13
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	14
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	15
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	16
189,711	3,600	27,497	96,728	61,886	----	----	186,502	150,149	7,571	28,782	----	766,952	580,450	17
390,597	53,780	36,671	267,816	32,330	----	----	1,422,159	1,375,844	22,454	22,461	1,400	2,757,956	1,335,797	18
94,170	13,520	10,659	25,479	44,512	----	----	388,843	376,176	6,695	5,972	----	578,941	190,098	19
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	20
114,546	12,800	11,324	90,422	----	----	----	430,485	425,687	1,347	3,451	----	667,113	236,628	21
156,906	34,776	17,941	92,935	11,254	----	----	242,788	234,247	1,400	6,691	450	566,541	323,753	22
379,631	28,600	47,525	216,579	83,803	----	3,124	3,473,734	3,413,931	42,355	17,448	----	4,225,763	752,029	23
297,466	35,420	30,277	193,723	38,046	----	----	264,632	253,313	4,932	2,387	4,000	720,833	456,201	24
50,709	14,200	2,600	29,534	4,375	----	----	52,949	50,992	645	1,312	----	130,898	77,949	25
221,592	45,300	21,306	145,857	8,390	----	739	83,220	64,143	2,783	16,294	----	433,713	350,493	26
548,091	37,663	49,484	415,866	45,078	----	----	265,034	217,730	5,064	31,295	10,945	971,382	706,348	27
686,326	71,788	165,599	348,574	93,245	----	7,120	854,473	697,868	9,867	12,812	133,926	2,145,810	1,291,337	28
154,577	4,701	8,875	134,907	6,094	----	----	144,843	131,030	5,890	6,619	1,304	422,023	277,180	29
45,438	6,504	2,340	33,546	3,048	----	----	24,083	18,211	----	908	4,964	119,099	95,016	30
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	31
887,944	116,877	93,058	562,003	114,269	----	1,737	1,463,790	1,372,367	9,112	20,568	61,743	3,207,025	1,743,235	32
500,456	----	58,895	336,964	97,870	6,727	----	2,266,622	2,224,446	3,907	38,269	----	3,237,111	970,489	33
123,103	22,441	8,059	75,039	17,564	----	----	160,987	157,923	394	2,670	----	407,347	246,360	34
165,178	39,300	21,268	71,918	32,692	----	----	544,514	534,610	6,795	3,109	----	982,163	437,649	35
71,267	8,345	6,230	43,166	12,726	----	800	706,438	691,857	1,692	12,889	----	873,533	167,095	36
292,837	9,123	48,151	205,923	29,640	----	----	1,798,540	1,753,073	19,542	25,925	----	2,754,011	955,471	37
1,502,210	132,738	308,421	982,110	78,941	----	----	1,566,426	1,515,327	21,086	21,515	8,498	4,532,727	2,966,301	38
3,447,115	94,367	143,905	3,060,458	145,092	3,293	----	4,995,532	4,936,922	14,318	30,855	13,437	11,072,666	6,077,134	39
397,678	123,703	75,414	195,516	----	1,950	1,095	640,615	601,534	29,575	9,506	----	1,272,635	632,020	40
3,676,697	404,654	453,841	2,504,524	313,678	----	----	4,853,423	4,594,550	23,780	89,438	145,655	11,290,364	6,436,941	41
1,699,485	61,000	473,360	950,001	200,907	9,150	5,067	2,274,077	2,215,977	29,837	28,263	----	5,628,397	3,354,320	42
1,915,767	165,909	201,108	1,523,696	25,054	----	----	1,327,715	1,151,797	111,371	64,547	----	3,969,170	2,641,455	43
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	44
60,877	3,640	6,896	38,881	11,460	----	----	35,411	33,051	851	1,459	50	143,798	108,387	45
183,807	20,942	22,463	125,027	15,375	----	----	284,008	278,260	1,548	4,200	----	591,407	307,399	46
79,203	4,385	2,037	62,289	9,816	----	676	112,715	111,021	286	1,408	----	239,955	127,240	47
228,853	24,919	11,897	128,590	59,501	1,173	2,773	701,403	691,309	2,951	7,143	----	1,136,265	434,862	48
743,607	69,608	67,579	552,301	54,119	----	----	979,360	936,764	7,947	23,488	11,161	2,127,509	1,148,149	49
298,748	55,022	20,910	140,749	79,467	----	2,600	1,287,701	1,236,312	12,586	38,803	----	2,493,956	1,206,255	50
524,162	85,497	37,727	157,973	202,367	9,141	31,457	226,210	40,530	19,069	166,611	----	1,292,570	1,066,360	51
37,962	11,391	1,716	15,190	9,665	----	----	55,746	54,804	527	415	----	113,129	57,383	52
381,162	96,965	46,798	191,629	45,770	----	----	322,954	310,038	3,556	5,739	3,621	856,664	533,710	53
319,033	68,079	72,141	130,945	46,969	----	899	752,374	725,884	14,321	10,828	1,341	1,536,466	784,092	54
387,996	35,674	33,259	246,351	70,151	1,892	669	665,047	652,679	1,347	4,757	6,264	1,306,790	641,743	55
152,282	12,500	11,597	118,741	9,444	----	----	167,057	162,551	865	3,641	----	494,824	327,767	56
(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	57
1,696,867	200,283	162,273	1,225,536	108,775	----	----	1,543,762	1,375,161	40,946	27,447	100,208	4,420,990	2,877,228	58
283,608	32,800	18,556	209,665	22,587	----	----	42,258	19,907	862	4,805	16,684	495,530	453,272	59
670,531	118,451	118,346	422,401	9,855	1,478	----	591,480	536,453	24,136	28,712	2,179	1,586,107	994,627	60
110,094	17,657	3,505	79,063	9,869	----	----	69,408	61,716	1,116	4,186	2,390	246,682	177,274	61
435,918	57,563	49,796	312,398	14,719	----	1,442	241,980	228,185	2,823	9,742	1,230	919,300	677,320	62
16,354,255	871,015	3,468,641	11,354,034	625,137	1,426	34,002	13,253,697	12,350,526	220,886	278,439	403,846	39,159,810	25,906,113	63
3,778,383	288,773	310,943	1,907,063	1,169,393	82,113	20,098	4,414,001	4,144,960	221,847	47,194	----	15,313,265	10,899,264	64
397,741	61,019	23,954	254,985	57,655	----	128	1,294,812	1,285,058	4,354	5,400	----	2,283,970	989,158	65

TABLE 9.—GENERAL STATISTICS FOR INDUSTRIAL

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
		CINCINNATI INDUSTRIAL AREA—Continued									
1	17	Measuring and dispensing pumps	3	------	252	6	46	170	30	------	------
2	1	Meat packing, wholesale	34	37	2,109	27	167	1,624	276	4	11
3	17	Mechanical power-transmission equipment	3	------	316	9	70	231	6	------	------
4	4	Men's and boys' hats and caps (except felt and straw)	3	5	57	------	5	38	14	------	------
5	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	33	17	5,218	58	286	4,446	419	2	7
6	17	Metalworking machinery and equipment, not elsewhere classified	7	2	1,122	10	248	836	18	10	------
7	13	Mirrors and other glass products made of purchased glass	10	7	352	14	17	284	37	------	------
8	20	Miscellaneous fabricated products not elsewhere classified	4	2	44	2	5	35	2	------	------
9	4	Miscellaneous fabricated textile products not elsewhere classified	3	2	39	------	3	32	2	------	2
10	20	Models and patterns (except paper patterns)	15	18	183	4	9	164	6	------	------
11	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	11	8	93	7	11	69	4	------	2
12	18	Motor vehicles, motor-vehicle bodies, parts and accessories	15	9	3,485	19	291	2,979	195	------	1
13	8	Newspapers: publishing and printing	12	7	1,967	16	705	890	349	7	------
14	8	Newspapers: publishing without printing	4	1	44	------	26	9	9	------	------
15	1	Nonalcoholic beverages	20	12	577	16	14	249	289	2	7
16	15	Nonferrous-metal foundries (except aluminum)	11	6	178	10	10	151	7	------	------
17	15	Nonferrous-metal products not elsewhere classified	11	9	1,562	25	77	1,283	175	2	------
18	17	Office and store machines not elsewhere classified	3	7	175	2	30	143	------	------	------
19	9	Paints, varnishes, and lacquers	21	5	556	13	77	432	34	------	------
20	7	Paper and paperboard mills	12	------	4,986	41	582	4,010	214	128	11
21	7	Paper bags, except those made in paper mills	8	------	1,026	22	81	871	52	------	------
22	7	Paperboard containers and boxes not elsewhere classified	19	2	2,263	32	147	1,996	80	8	------
23	6	Partitions, shelving, cabinet work, and office and store fixtures	7	4	77	2	8	64	3	------	------
24	10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	6	------	120	2	9	109	------	------	------
25	8	Periodicals, publishing and printing	10	4	829	18	108	603	100	------	------
26	8	Periodicals: publishing without printing	27	4	306	23	233	2	48	------	------
27	8	Photoengraving, not done in printing establishments (including preparation of plates)	13	7	211	22	22	139	28	------	------
28	1	Pickled fruits and vegetables and vegetable sauces and seasonings	5	12	7	------	------	7	------	------	------
29	5	Planing mills not operated in conjunction with sawmills	25	15	801	26	96	616	60	2	1
30	1	Poultry dressing and packing, wholesale	7	7	34	1	2	24	7	------	------
31	14	Power boilers and associated products	6	------	255	15	37	186	17	------	------
32	1	Prepared feeds (including mineral) for animals and fowls	7	1	269	8	23	198	39	1	------
33	1	Preserves, jams, jellies, and fruit butters	4	1	225	5	12	188	14	1	5
34	9	Printing ink	9	[illegible]	204	12	35	131	25	1	------
35	17	Pumping equipment and air compressors	8	3	188	6	23	125	34	------	------
36	17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	4	1	664	9	67	483	105	------	------
37	11	Rubber products not elsewhere classified	5	5	153	4	17	98	30	4	------
38	12	Saddlery, harness, and whips	3	3	25	------	5	15	5	------	------
39	14	Safes and vaults	4	2	493	6	81	374	23	3	6
40	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	15	15	155	3	8	101	42	------	1
41	14	Screw-machine products and wood screws	4	5	80	2	11	65	2	------	------
42	15	Sheet-metal work not specifically classified	23	11	664	27	29	539	69	------	------
43	20	Signs, advertising displays, and advertising novelties	27	14	1,111	27	86	856	142	------	------
44	15	Silverware and plated ware	3	------	106	4	2	82	18	------	------
45	17	Special-industry machinery, not elsewhere classified	3	------	196	6	25	140	25	------	------
46	20	Sporting and athletic goods not elsewhere classified	4	2	491	1	18	465	7	------	------
47	14	Stamped and pressed metal products (except automobile stampings)	12	6	1,346	22	157	1,100	67	------	------
48	14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	6	------	1,871	11	173	1,500	157	30	------
49	20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	9	7	296	7	37	178	74	------	------
50	4	Textile bags—not made in textile mills	3	2	66	1	3	58	4	------	------
51	14	Tin cans and other tinware not elsewhere classified	6	------	1,113	3	53	1,012	20	25	------
52	2	Tobacco (chewing and smoking) and snuff	8	5	1,167	6	66	1,085	8	------	2
53	6	Upholstered household furniture	9	5	315	4	18	260	25	------	8
54	6	Window shades	5	1	444	5	5	423	11	------	------
55	1	Wines	3	3	30	------	2	16	12	------	------
56	14	Wirework not elsewhere classified	10	2	268	8	26	226	8	------	------
57	16	Wiring devices and supplies	4	------	121	12	14	89	6	------	------
58	4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	3	5	544	2	12	505	23	2	------
59	6	Wooden boxes except cigar boxes	5	1	161	1	16	133	11	------	------
60	6	Wood products not elsewhere classified	10	6	293	9	20	259	5	------	------
61	17	Woodworking machinery	8	4	68	7	5	43	13	------	------

See footnotes at end of table.

AREAS, BY INDUSTRIES: 1939—Continued

Salaries and wages: Total [2]	Salaries of officers of corporations [2]	Manufacturing: Salaries [2]	Manufacturing: Wages	Distribution	Construction	Other	Cost of materials, supplies, fuel, purchased electric energy, and contract work: Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
CINCINNATI INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	1
3,350,563	304,826	292,108	2,139,896	563,881	7,708	42,144	31,644,666	31,445,044	139,672	59,950	----	38,133,402	6,488,736	2
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	3
47,780	----	5,997	35,071	6,712	----	----	58,368	57,734	179	455	----	172,423	114,055	4
5,946,512	407,777	556,575	4,395,722	576,684	3,500	6,254	8,275,728	7,351,925	32,978	55,120	835,705	17,088,531	8,812,803	5
1,876,463	71,186	464,252	1,297,697	32,402	10,926	----	1,154,515	1,092,265	14,304	18,785	29,161	3,499,487	2,344,972	6
412,115	62,036	29,240	258,823	62,016	----	----	435,965	419,443	6,117	9,087	1,318	1,007,576	571,611	7
39,971	3,510	5,996	28,065	2,400	----	----	61,066	58,605	1,240	1,221	----	129,030	67,964	8
31,710	----	4,686	23,717	1,707	----	1,600	53,278	51,646	394	1,238	----	123,614	70,336	9
358,740	34,520	16,189	297,104	10,927	----	----	97,343	90,545	748	5,935	115	620,642	523,299	10
140,531	20,606	19,148	91,986	5,791	----	3,000	80,724	68,581	4,727	7,416	----	268,585	187,861	11
5,463,256	94,329	646,883	4,386,634	335,030	----	380	31,239,719	30,955,821	131,057	152,641	200	42,428,277	11,188,558	12
3,996,786	127,287	1,462,097	1,837,704	556,877	12,821	----	2,237,941	2,007,029	10,000	67,768	153,144	9,131,568	6,893,627	13
71,772	----	52,397	5,565	13,810	----	----	57,674	138	290	526	56,720	231,801	174,127	14
877,943	51,992	37,769	306,728	472,155	3,796	5,503	1,945,458	1,904,590	17,654	23,214	----	4,835,075	2,889,617	15
289,817	40,058	25,097	214,318	10,344	----	----	414,040	382,769	17,682	13,589	----	894,955	480,915	16
2,257,350	208,892	143,308	1,529,222	371,928	4,000	----	2,731,725	2,625,511	36,549	69,665	----	6,900,488	4,168,763	17
(5)	(5)	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	18
871,349	127,186	163,707	519,448	61,008	----	----	4,893,739	4,811,754	35,849	46,136	----	8,194,563	3,300,824	19
8,139,582	439,012	1,303,369	5,546,845	554,598	280,018	15,740	16,895,302	15,712,051	1,030,969	152,282	----	30,201,339	13,306,037	20
1,382,630	174,355	154,965	910,006	143,304	----	----	4,537,627	4,487,771	19,105	30,751	----	6,606,171	2,068,544	21
3,269,053	216,401	337,299	2,550,452	149,226	15,675	----	8,713,046	8,485,097	87,507	52,367	88,075	14,989,146	6,276,100	22
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	23
126,663	3,900	21,527	101,236	----	----	----	638,650	617,466	17,868	3,316	----	1,177,960	539,310	24
1,478,139	124,883	248,521	965,897	138,838	----	----	1,020,595	881,041	20,084	18,559	100,911	4,508,094	3,487,499	25
598,273	149,205	382,014	3,280	63,774	----	----	1,067,579	57,239	2,623	1,742	1,005,975	3,122,760	2,055,181	26
539,187	135,843	42,818	307,256	53,270	----	----	106,331	83,915	778	6,677	14,961	824,155	717,824	27
6,741	----	----	6,741	----	----	----	52,838	52,105	343	390	----	86,706	33,868	28
927,459	94,217	151,659	584,841	89,898	2,405	4,439	1,836,934	1,779,436	32,502	24,996	----	3,401,100	1,564,166	29
33,523	2,400	2,028	20,775	8,320	----	----	456,683	454,772	820	1,091	----	548,375	91,692	30
477,804	41,250	87,380	286,430	62,744	----	----	376,065	353,996	3,393	18,676	----	1,059,519	683,454	31
416,657	43,996	32,629	236,361	101,408	2,263	----	2,405,947	2,364,483	7,913	33,551	----	3,217,941	811,994	32
267,190	57,040	21,817	154,918	29,998	1,267	2,150	743,479	735,225	5,800	2,454	----	1,330,830	587,351	33
414,950	58,255	109,717	195,083	51,713	182	----	764,135	740,774	2,052	21,203	106	1,631,390	867,255	34
311,525	49,063	43,146	164,638	54,678	----	----	527,094	504,764	2,747	5,383	14,200	1,077,233	550,139	35
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	36
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	37
(5)	----	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	38
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	39
196,079	8,703	16,005	112,202	57,698	----	1,471	1,069,554	1,045,877	7,595	16,082	----	1,445,214	375,660	40
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	41
1,187,796	257,762	84,003	680,537	165,494	----	----	4,706,733	4,668,332	12,678	21,155	4,568	7,043,276	2,336,543	42
1,478,486	147,437	154,540	870,329	306,180	----	----	1,468,740	1,418,554	18,441	25,094	6,651	3,796,532	2,327,792	43
119,995	13,800	6,043	79,191	20,961	----	----	48,591	41,022	2,822	4,747	----	194,203	145,612	44
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	45
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	46
1,972,025	229,843	308,555	1,217,666	215,961	----	----	2,999,926	2,908,136	31,717	49,656	10,417	6,341,080	3,341,154	47
2,445,496	84,687	311,938	1,700,823	287,745	60,303	----	2,309,560	2,159,972	71,149	78,439	----	6,553,815	4,244,255	48
352,356	35,487	50,118	161,024	105,727	----	----	242,699	235,009	687	3,474	3,529	796,885	554,186	49
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	50
1,541,004	34,154	166,387	1,241,471	59,091	39,901	----	6,640,061	6,575,178	40,150	22,956	1,777	10,231,697	3,591,636	51
(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	52
394,563	7,800	43,821	273,320	60,022	----	9,600	577,178	565,013	5,510	5,077	1,578	1,193,229	616,051	53
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	54
(5)	----	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	55
293,832	28,224	44,850	208,316	12,442	----	----	527,586	501,046	4,599	8,951	12,990	1,097,469	569,883	56
230,448	69,905	24,887	123,135	12,521	----	----	314,978	307,226	2,601	5,151	----	752,630	437,652	57
557,959	30,400	18,588	434,725	68,980	2,860	2,406	1,073,539	1,063,315	3,385	6,839	----	1,787,740	714,201	58
212,355	6,615	30,958	132,754	42,028	----	----	315,613	281,921	5,539	6,119	22,034	695,548	379,935	59
329,933	37,555	46,011	238,719	7,648	----	----	533,057	514,582	2,388	13,303	2,784	1,074,446	541,389	60
108,797	19,670	7,593	58,203	23,331	----	----	176,713	136,226	1,744	2,109	36,634	391,937	215,224	61

TABLE 9.—GENERAL STATISTICS FOR INDUSTRIAL

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [3]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
		CINCINNATI INDUSTRIAL AREA—Continued									
		Other industries [4]	395	227	37,094	378	3,695	30,581	2,167	156	117
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]									
2	1	Food and kindred products	36	16	1,869	24	210	1,487	141	7	
3	3	Textile-mill products and other fiber manufactures	16	13	1,009	28	66	851	60		4
4	4	Apparel and other finished products made from fabrics and similar materials	59	49	3,304	37	90	2,982	179	6	10
5	6	Furniture and finished lumber products	24	10	1,577	15	43	1,467	43	8	1
6	7	Paper and allied products	12	5	1,247	7	125	1,037	76	2	
7	8	Printing, publishing, and allied industries	7		1,278	3	257	976	42		
8	9	Chemicals and allied products	51	24	3,814	47	771	2,491	484	17	4
9	10	Products of petroleum and coal	5		956		71	885			
10	12	Leather and leather products	12	10	717	8	34	649	26		
11	13	Stone, clay, and glass products	14	16	1,067	9	59	976	23		
12	14	Iron and steel and their products, except machinery	33	18	9,195	45	822	7,864	307	100	57
13	15	Nonferrous metals and their products	24	16	2,328	23	220	1,906	135	7	37
14	16	Electrical machinery	11	2	1,499	17	126	1,091	265		
15	17	Machinery (except electrical)	30	17	2,820	52	451	2,088	225	2	2
16	20	Miscellaneous industries	38	19	2,628	38	232	2,269	86	3	
17	2	Tobacco manufactures	15	7	1,475	15	76	1,351	31		2
18	11	Rubber products	5	5	153	4	17	98	30	4	
19	19	Transportation equipment except automobiles	3		158	6	25	113	14		
		YOUNGSTOWN INDUSTRIAL AREA									
20		All industries, total	547	314	82,693	397	7,269	72,826	1,643	490	68
21	15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	4	2	90	3	10	74	3		
22	14	Blast-furnace products	12		2,664	2	249	2,390	1	22	
23	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	88	116	1,054	8	71	876	83	2	14
24	13	Brick and hollow structural tile	8	1	395	3	19	362	4	7	
25	19	Cars and car equipment—railroad, street, and rapid-transit	3		1,020	4	168	842	4	2	
26	13	Cement	3		560	6	50	456	25	16	7
27	14	Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills	6	3	880	11	76	755	19	19	
28	9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	4		81		10	71			
29	13	Concrete products	16	15	118	6	13	94	5		
30	1	Condensed and evaporated milk	5	1	38		5	31	2		
31	1	Creamery butter	7	2	21	1	5	12	3		
32	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	11	2	1,817	10	95	1,691	21		
33	1	Flour and other grain-mill products	6	6	77	2	14	57	1	2	1
34	8	General commercial (job) printing	23	26	139	10	12	112	5		
35	16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	6		4,352	13	712	3,485	136	6	
36	14	Gray-iron and semisteel castings	10	1	925	4	39	882			
37	9	Grease and tallow (except lubricating greases)	3	3	44	4	3	37			
38	1	Ice cream and ices	13	7	344	8	46	156	134		
39	1	Ice, manufactured	10		82	9	8	32	32		1
40	17	Machine-shop products, not elsewhere classified	13	8	1,015	12	122	800	74		7
41	17	Machine-shop repairs	3	2	19		1	18			
42	1	Malt liquors	3		166	9	10	92	51		4
43	1	Meat packing, wholesale	6	5	118	2	10	97	8		1
44	17	Metalworking machinery and equipment, not elsewhere classified	4		1,004	3	179	811	5		6
45	13	Minerals and earths, ground or otherwise treated	6		273	3	21	247	2		
46	20	Models and patterns (except paper patterns)	5	8	18		3	15			
47	8	Newspapers: publishing and printing	20	10	702	24	230	327	118	3	
48	1	Nonalcoholic beverages	11	9	141	7	19	48	66		1
49	15	Nonferrous-metal foundries (except aluminum)	5		187	9	19	155	2		2
50	10	Oven coke and coke-oven byproducts	4		864		62	772		30	
51	10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	5	1	52		12	33	2	4	1
52	5	Planing mills not operated in conjunction with sawmills	5	1	31	2	5	23	1		
53	13	Pottery products not elsewhere classified	3	4	186	3	9	172		2	
54	14	Power boilers and associated products	12	1	1,126	27	145	926	28		
55	1	Prepared feeds (including mineral) for animals and fowls	4	6	11			11			
56	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	3		29		3	26			
57	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	19	20	61		2	57	2		
58	15	Sheet-metal work not specifically classified	4		150	3	24	122			1
59	20	Signs, advertising displays, and advertising novelties	4	3	81		6	73	2		

See footnotes at end of table.

AREAS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [1]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
CINCINNATI INDUSTRIAL AREA—Continued														
Dollars 53,744,224	*Dollars* 2,536,782	*Dollars* 7,592,940	*Dollars* 38,809,253	*Dollars* 4,468,277	*Dollars* 212,434	*Dollars* 124,538	*Dollars* 161,523,004	*Dollars* 153,323,813	*Dollars* 5,857,478	*Dollars* 1,507,256	*Dollars* 834,457	*Dollars* 274,103,922	*Dollars* 112,580,918	1
2,620,520	115,558	421,009	1,800,973	266,540	16,440	----------	17,057,096	16,639,844	354,249	63,003	----------	26,938,932	9,881,836	2
1,296,791	181,073	125,236	897,231	89,601	----------	3,650	3,021,378	2,902,148	80,502	38,728	----------	6,384,690	3,363,312	3
2,834,779	209,942	171,437	2,104,856	334,387	6,553	7,604	5,467,899	5,400,348	13,212	27,617	26,722	10,767,335	5,299,436	4
1,920,591	71,138	81,541	1,686,126	68,556	12,450	780	3,760,982	3,664,824	46,277	49,298	583	7,769,002	4,008,020	5
1,735,152	18,351	277,189	1,242,576	194,336	2,700	----------	5,679,361	5,611,883	44,397	23,081	----------	10,500,467	4,821,106	6
1,535,488	14,700	443,520	1,026,955	50,313	----------	----------	2,016,579	1,280,131	10,634	14,583	711,231	6,215,699	4,199,120	7
6,570,687	345,074	1,470,181	3,604,799	1,118,181	29,552	2,900	28,600,976	28,028,576	514,223	49,960	8,217	46,199,751	17,598,775	8
1,463,207	----------	188,311	1,274,896	----------	----------	----------	22,769,860	21,738,167	914,514	117,179	----------	27,490,010	4,720,150	9
973,115	67,996	77,454	784,232	43,433	----------	----------	3,605,547	3,557,337	42,610	4,025	1,575	4,965,650	1,360,103	10
1,349,280	34,624	105,019	1,161,800	47,837	----------	----------	1,658,274	1,504,850	126,942	26,482	----------	5,373,302	3,715,028	11
16,001,588	346,029	2,040,479	12,816,556	616,930	121,071	60,523	27,996,246	23,786,770	3,446,545	729,901	33,030	53,242,556	25,246,310	12
3,479,064	235,359	405,793	2,363,162	416,602	10,657	47,491	10,663,458	10,501,150	62,942	95,910	3,456	18,572,749	7,909,291	13
1,995,990	149,883	258,039	1,157,035	431,033	----------	----------	4,755,511	4,690,591	22,488	32,330	10,102	8,245,910	3,490,399	14
4,532,875	412,339	863,317	2,795,257	457,952	2,600	1,410	6,025,775	5,781,562	79,856	126,773	37,584	14,321,997	8,296,222	15
3,522,450	196,751	440,291	2,680,544	199,380	5,484	----------	5,332,888	5,199,578	57,932	75,321	57	11,490,574	6,157,686	16
1,912,647	137,965	224,124	1,412,255	133,196	4,927	180	13,111,174	13,036,054	40,155	33,065	1,900	15,625,298	2,514,124	17–19
YOUNGSTOWN INDUSTRIAL AREA														
130,884,786	2,305,901	16,417,261	107,944,195	3,149,563	986,693	81,173	402,716,763	364,486,151	32,413,140	5,724,874	92,598	629,223,979	226,507,216	20
117,126	14,500	15,027	72,130	15,469	----------	----------	53,544	52,284	689	571	----------	231,909	178,365	21
4,330,043	19,250	681,864	3,577,067	2,831	49,031	----------	56,139,049	38,803,365	17,085,087	250,597	----------	62,738,907	6,599,858	22
1,455,763	32,420	138,633	1,179,164	86,499	1,293	17,754	2,324,141	2,211,690	66,794	45,657	----------	5,055,265	2,731,124	23
432,668	8,900	35,183	376,255	7,800	4,530	----------	260,139	137,217	80,582	42,340	----------	1,063,094	802,955	24
1,595,904	46,245	366,701	1,164,793	14,150	4,015	----------	4,923,252	4,819,049	39,709	64,494	----------	8,137,424	3,214,172	25
837,328	41,795	107,119	593,863	57,926	25,418	11,207	913,404	512,551	237,410	163,443	----------	2,765,859	1,852,455	26
1,582,259	106,076	177,622	1,201,365	61,596	35,600	----------	4,873,643	4,562,138	107,994	203,511	----------	8,495,530	3,621,887	27
(5)	----------	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	28
153,587	19,256	19,578	100,005	14,748	----------	----------	355,387	345,266	4,665	5,456	----------	712,092	356,705	29
(5)	----------	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	30
23,711	1,900	6,348	10,364	5,099	----------	----------	200,002	191,520	5,204	3,278	----------	255,291	55,289	31
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	32
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	33
214,419	24,611	16,471	161,967	11,370	----------	----------	151,711	138,852	2,522	6,407	3,930	533,675	381,964	34
7,535,404	102,523	1,494,400	5,584,901	283,791	69,789	----------	11,910,481	11,661,475	90,991	158,015	----------	23,486,867	11,576,386	35
(5)	(5)	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	36
67,857	14,130	5,103	48,624	----------	----------	----------	127,162	112,009	10,527	3,721	905	203,227	76,065	37
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	38
100,390	19,583	12,265	42,229	24,932	----------	1,381	60,250	9,834	8,799	41,617	----------	280,423	220,173	39
1,593,612	101,819	237,737	1,165,349	84,067	----------	4,640	1,744,085	1,643,629	33,862	66,594	----------	4,199,889	2,455,804	40
21,256	----------	724	20,532	----------	----------	----------	26,641	24,556	340	1,745	----------	59,747	33,106	41
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	42
194,956	20,200	23,115	135,459	15,082	----------	1,100	1,661,818	1,647,699	3,206	10,913	----------	2,019,435	357,617	43
1,989,005	26,610	532,537	1,409,238	12,480	----------	8,140	2,718,958	2,629,086	35,268	54,604	----------	7,336,752	4,617,794	44
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	45
21,079	----------	2,080	18,999	----------	----------	----------	13,200	12,283	226	691	----------	53,845	40,645	46
1,389,524	173,887	443,794	594,142	165,421	12,280	----------	583,882	544,601	9,215	29,431	635	3,451,979	2,868,097	47
208,898	28,969	27,706	49,488	98,370	3,645	720	449,612	439,929	3,923	5,760	----------	1,107,762	658,150	48
314,543	33,621	50,564	221,793	7,240	----------	1,325	429,278	405,146	15,413	8,442	277	911,382	482,104	49
(5)	----------	(5)	(5)	----------	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	50
63,322	----------	15,836	37,738	3,000	5,456	1,292	179,057	162,818	8,799	6,748	692	368,505	189,448	51
53,434	5,595	6,585	40,302	952	----------	----------	76,496	72,400	487	3,609	----------	145,872	69,376	52
(5)	(5)	(5)	(5)	----------	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	53
1,879,276	143,875	329,996	1,353,885	51,520	----------	----------	4,729,979	4,588,993	39,636	101,350	----------	8,255,908	3,525,929	54
10,696	----------	----------	10,696	----------	----------	----------	122,478	118,950	812	2,716	----------	157,919	35,441	55
36,822	----------	6,130	30,692	----------	----------	----------	367,605	361,861	3,668	2,076	----------	485,068	117,463	56
46,164	----------	2,550	42,014	1,600	----------	----------	79,636	69,750	5,986	----------	3,900	229,065	149,429	57
178,851	9,845	48,567	119,839	----------	----------	600	731,001	717,731	5,512	7,758	----------	1,153,412	422,411	58
(5)	----------	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	59

TABLE 9.—GENERAL STATISTICS FOR INDUSTRIAL

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
		YOUNGSTOWN INDUSTRIAL AREA—Continued									
1	14	Stamped and pressed metal products (except automobile stampings)	6	1	1,421	10	70	1,283	58		
2	14	Steel barrels, kegs, and drums	4		712	9	58	629	16		
3	14	Steel castings	3		1,149	2	92	1,031	4	17	3
4	14	Steel works and rolling mills	18		41,233	13	2,975	37,876	35	334	
5	13	Whiteware	3		1,683	8	84	1,544	31	11	5
6	14	Wirework not elsewhere classified	3		90	6	7	76	1		
7	6	Wooden boxes except cigar boxes	3		63	2	7	54			
8	14	Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills	6		943	15	130	796	2		
9		Other industries [4]	205	75	21,949	177	1,845	18,909	932	64	22
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [4]									
10	1	Food and kindred products	36	21	675	19	79	372	196	2	7
11	4	Apparel and other finished products made from fabrics and similar materials	8	3	904	8	28	862	5	1	
12	6	Furniture and finished lumber products	18	9	1,843	16	156	1,477	189		5
13	8	Printing, publishing, and allied industries	8	3	124	11	23	77	13		
14	9	Chemicals and allied products	18	3	444	11	69	346	12	3	3
15	13	Stone, clay, and glass products	23	5	2,522	24	161	2,294	41	2	
16	14	Iron and steel and their products, except machinery	46	8	7,466	47	508	6,739	147	22	3
17	16	Electrical machinery	9	3	2,766	6	242	2,439	76		3
18	17	Machinery (except electrical)	11	4	1,409	11	247	1,077	73		1
19	20	Miscellaneous industries	11	9	117	3	10	93	11		
20	10	Products of petroleum and coal	5		870	1	63	776		30	
21	12	Leather and leather products	3	1	727	7	35	679	6		
22	15	Nonferrous metals and their products	3	2	831	3	67	714	47		
23	3	Textile-mill products and other fiber manufactures	1								
24	7	Paper and allied products	1								
25	11	Rubber products	2	4	1,251	10	157	964	116	4	
26	18	Automobiles and automobile equipment	2								
		WHEELING INDUSTRIAL AREA									
27		All industries, total	412	206	49,204	317	3,066	43,519	1,090	1,136	76
28	14	Blast furnace products	4		842		67	725		50	
29	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	50	58	829	10	62	678	65		14
30	13	Brick and hollow structural tile	3		134	5	13	116			
31	1	Candy and other confectionery products	3	2	7			7			
32	9	Chemicals not elsewhere classified	3		51		6	45			
33	13	Clay refractories, including refractory cement (clay)	10	1	731	7	40	680	4		
34	13	Concrete products	4	5	8			8			
35	6	Cooperage	7	3	43	2	5	36			
36	1	Creamery butter	4	4	13		3	7	3		
37	1	Flour and other grain-mill products	5	4	20		4	16			
38	8	General commercial (job) printing	22	23	294	6	49	233	6		
39	14	Gray-iron and semisteel castings	8		332	12	24	296			
40	13	Hotel china	3		612	11	38	541	17	2	3
41	1	Ice cream and ices	13	5	151	8	21	57	60		5
42	1	Ice, manufactured	10	4	99	15	9	36	39		
43	17	Machine-shop repairs	4	4	35		5	29	1		
44	1	Malt liquors	3		171	6	22	95	41	7	
45	1	Meat packing, wholesale	6	5	334	2	14	217	98	3	
46	8	Newspapers, publishing and printing	22	11	568	5	165	286	112		
47	1	Nonalcoholic beverages	17	17	151	10	11	53	72		5
48	15	Nonferrous-metal foundries (except aluminum)	5	4	71	5	8	53	4		1
49	7	Paper and paperboard mills	5		568	5	49	506	2	6	
50	7	Paperboard containers and boxes not elsewhere classified	4	1	124	5	10	102	7		
51	5	Planing mills not operated in conjunction with sawmills	4	1	41	2	6	19	14		
52	13	Porcelain electrical supplies	5	1	348	9	22	304	13		
53	13	Pottery products not elsewhere classified	10	5	1,057	12	45	990	6	2	2
54	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	5	7	13			13			
55	13	Sewer pipe and kindred products	5		472	4	27	430	11		
56	17	Special-industry machinery, not elsewhere classified	5		285	11	27	221	26		
57	14	Steel works and rolling mills	14		19,562		878	17,820		864	
58	13	Tableware, pressed or blown glass, and glassware not elsewhere classified	5		596	11	39	480	44	8	14
59	14	Tin cans and other tinware not elsewhere classified	4		1,070	5	102	947	16		
60	14	Tools (except edge tools, machine tools, files, and saws)	4	2	152	3	25	120	4		
61	6	Upholstered household furniture	4	1	292	7	24	252	9		
62	14	Vitreous enameled products, including kitchen, household, and hospital utensils	4		1,363	9	149	1,193	12		
63	13	Whiteware	9	1	6,152	20	268	5,558	108	169	29
64	6	Wooden boxes except cigar boxes	3		54	3	3	48			

See footnotes at end of table.

AREAS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [1]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [3]	Wages											
YOUNGSTOWN INDUSTRIAL AREA—Continued														
Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	1
1,129,913	71,075	129,267	871,324	58,247	----	----	3,936,586	3,844,698	28,919	54,275	8,694	5,940,644	2,004,058	2
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	3
67,846,564	79,339	7,294,420	59,749,801	89,091	633,913	----	212,345,294	197,296,269	12,275,709	2,773,316	----	315,713,785	103,368,491	4
2,126,066	60,994	117,482	1,876,621	50,505	11,815	8,649	1,079,549	934,147	117,681	27,721	----	3,818,132	2,738,583	5
130,744	25,852	11,658	89,634	3,600	----	----	504,775	497,450	3,313	4,012	----	968,727	463,952	6
(5)	(5)	(5)	(5)	----	----	----	(5)	(5)	----	(5)	----	(5)	(5)	7
1,417,462	121,113	236,189	1,050,860	9,300	----	----	6,170,813	5,937,544	167,590	56,604	9,075	9,254,484	3,083,671	8
31,786,140	951,918	3,824,010	24,943,062	1,912,877	129,908	24,365	82,473,855	78,979,361	1,912,602	1,517,402	64,490	149,632,104	67,158,249	9
957,153	53,550	113,250	581,411	199,117	3,223	6,602	3,370,429	3,238,832	69,439	60,265	1,893	6,285,150	2,914,721	10
638,324	34,836	39,206	550,015	13,267	1,000	----	1,686,723	1,672,763	4,187	9,773	----	2,861,138	1,174,415	11
3,151,601	138,342	341,661	2,294,664	369,434	----	7,500	4,293,287	4,214,749	40,476	38,062	----	8,705,213	4,411,926	12
178,095	43,234	21,235	92,792	20,133	701	----	63,952	55,173	942	4,729	3,108	375,661	311,709	13
675,196	17,509	140,752	495,805	11,306	6,835	2,989	2,145,875	1,916,335	56,335	172,407	798	5,036,389	2,890,514	14
3,533,306	172,539	380,237	2,842,547	134,198	3,785	----	2,598,879	1,874,803	551,878	161,648	10,550	10,095,029	7,496,150	15
11,017,729	216,073	1,050,070	9,438,761	277,832	32,401	2,592	36,987,647	35,973,553	424,206	573,671	16,217	56,362,798	19,375,151	16
3,549,563	21,445	499,344	2,857,822	167,352	----	3,600	9,715,580	9,383,721	133,813	198,046	----	24,012,133	14,296,553	17
2,119,999	49,045	475,382	1,446,774	147,716	----	1,082	2,128,201	2,002,939	92,575	24,505	8,182	6,338,169	4,209,968	18
139,555	19,217	19,847	85,241	15,250	----	----	115,806	100,565	10,406	3,318	1,517	420,258	304,452	19
5,825,619	186,128	743,026	4,257,230	557,272	81,963	----	19,367,476	18,545,928	528,345	270,978	22,225	29,140,166	9,772,690	20–26
WHEELING INDUSTRIAL AREA														
69,148,969	1,724,124	6,560,379	57,784,542	1,775,445	1,183,051	121,428	183,230,586	167,978,192	12,128,442	2,509,387	614,565	291,617,809	108,387,223	27
1,256,870	----	188,541	1,051,381	----	16,948	----	21,846,085	17,781,889	4,040,369	23,827	----	23,420,192	1,574,107	28
991,635	29,661	90,671	790,250	63,524	----	17,529	1,644,866	1,572,744	41,268	30,854	----	3,532,662	1,887,796	29
176,692	25,500	17,333	133,859	----	----	----	92,131	36,132	47,069	8,930	----	321,060	228,929	30
4,440	----	----	4,440	----	----	----	18,071	17,525	240	306	----	28,784	10,713	31
(5)	----	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	32
1,058,129	37,912	94,322	910,535	15,360	----	----	532,567	160,880	322,476	49,211	----	2,332,486	1,799,919	33
9,694	----	----	9,694	----	----	----	25,012	24,440	318	254	----	50,551	25,539	34
40,502	5,600	7,223	27,679	----	----	----	103,627	102,208	834	585	----	164,464	60,837	35
13,308	----	2,926	6,482	3,900	----	----	79,131	76,187	929	2,015	----	102,464	23,333	36
21,393	----	6,040	15,353	----	----	----	155,750	150,588	2,723	2,439	----	195,415	39,665	37
355,611	22,437	67,388	255,672	10,114	----	----	298,794	278,229	4,134	9,867	6,564	954,591	655,797	38
457,451	59,700	58,461	339,290	----	----	----	360,499	278,816	63,155	18,528	----	1,044,695	684,196	39
753,780	57,160	55,448	597,304	37,631	3,461	2,776	359,426	277,916	67,857	13,653	----	1,303,711	944,285	40
210,708	28,152	29,239	74,546	73,231	----	5,540	480,610	454,934	4,749	20,927	----	857,866	377,256	41
138,292	33,162	12,281	46,362	46,487	----	----	52,023	13,132	15,664	23,227	----	284,097	232,074	42
48,115	----	4,751	41,096	2,268	----	----	27,810	23,679	797	3,334	----	114,797	86,987	43
292,571	45,250	48,222	119,021	70,603	9,475	----	346,616	317,880	17,968	10,768	----	966,917	620,301	44
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	45
802,300	27,440	216,545	434,908	123,407	----	----	335,804	307,699	15,025	12,921	159	1,862,367	1,526,563	46
184,235	21,679	14,241	52,991	90,096	----	5,228	330,990	321,151	2,966	6,873	----	764,043	433,053	47
112,179	19,755	13,313	71,073	7,138	----	900	182,477	170,538	6,100	5,839	----	408,470	225,993	48
807,817	29,450	119,162	644,177	8,500	6,528	----	1,724,782	1,533,512	133,357	57,913	----	3,087,572	1,362,790	49
135,446	19,800	14,191	94,265	7,190	----	----	249,807	239,573	2,602	3,075	4,557	484,677	234,870	50
60,843	2,634	8,400	31,566	18,243	----	----	160,262	156,717	707	2,838	----	272,090	111,828	51
353,170	28,584	33,356	263,255	27,975	----	----	242,896	195,715	30,157	14,351	2,673	645,884	402,988	52
1,527,163	104,400	93,845	1,303,844	22,400	1,227	1,447	541,805	396,811	99,749	45,245	----	2,811,323	2,269,518	53
10,854	----	----	10,854	----	----	----	45,319	34,356	1,663	----	9,300	93,535	48,216	54
571,631	9,265	51,117	492,313	18,936	----	----	237,116	91,167	131,572	11,377	3,000	1,045,604	808,488	55
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	56
30,646,908	----	2,295,157	27,415,348	----	936,403	----	92,038,974	85,467,314	5,349,384	1,222,276	----	141,375,943	49,336,969	57
667,000	31,697	61,442	491,637	56,470	9,954	15,800	354,769	191,159	135,724	18,771	9,115	1,278,433	923,664	58
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	59
179,170	12,739	44,660	116,036	5,735	----	----	295,630	270,078	18,922	6,630	----	684,730	389,100	60
328,750	43,855	36,730	233,680	14,485	----	----	534,303	527,977	3,112	3,214	----	1,111,011	576,708	61
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	62
7,330,611	150,402	760,216	5,955,030	218,399	175,464	71,100	3,873,605	3,256,796	388,567	132,157	96,085	12,514,781	8,641,176	63
(5)	(5)	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	64

TABLE 9.—GENERAL STATISTICS FOR INDUSTRIAL

	Industry No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [1]	Salaried officers of corporations [1]	Manufacturing: Salaried employees [1]	Manufacturing: Wage earners (average for year) [1]	Distribution	Construction	Other
		WHEELING INDUSTRIAL AREA—Continued									
1		Other industries [6]	141	42	14,718	137	1,127	12,975	448	28	3
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]									
2	1	Food and kindred products	17	7	431	4	25	292	107	3	.....
3	4	Apparel and other finished products made from fabrics and similar materials	5	4	348	.....	12	331	1	4	.....
4	6	Furniture and finished lumber products	7	.....	348	6	12	306	24	.....	.....
5	8	Printing, publishing, and allied industries	5	.....	128	10	17	67	34	.....	.....
6	9	Chemicals and allied products	12	.....	368	6	52	275	21	14	.....
7	13	Stone, clay, and glass products	15	8	618	10	39	544	23	2	.....
8	14	Iron and steel and their products, except machinery	28	2	7,607	32	547	6,974	54	.....	.....
9	15	Nonferrous metals and their products	5	.....	700	8	42	640	10	.....	.....
10	17	Machinery (except electrical)	19	6	1,706	37	192	1,361	115	.....	1
11	20	Miscellaneous industries	4	5	11	.....	.....	9	2	.....	.....
12	2	Tobacco manufactures	9	6	941	4	26	902	9	.....	.....
13	7	Paper and allied products	3	1	156	6	6	123	21	.....	.....
14	10	Products of petroleum and coal	4	.....	657	.....	21	636	.....	.....	.....
15	16	Electrical machinery	4	1	257	9	70	149	27	.....	2
16	3	Textile-mill products and other fiber manufactures	1								
17	11	Rubber products	1	2	442	5	66	366	.....	5	.....
18	12	Leather and leather products	1								
19	18	Automobiles and automobile equipment	1								
		AKRON INDUSTRIAL AREA									
20		All industries, total	341	140	52,656	411	7,924	40,155	3,663	450	53
21	19	Aircraft and parts, including aircraft engines	3	.....	113	6	23	78	3	3	.....
22	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	45	37	934	14	69	789	41	9	12
23	13	Brick and hollow structural tile	3	.....	76	4	6	66	.....	.....	.....
24	1	Candy and other confectionery products	4	3	35	3	1	31	.....	.....	.....
25	9	Chemicals not elsewhere classified	3	.....	1,443	3	308	932	.....	200	.....
26	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	4	2	205	8	24	161	12	.....	.....
27	1	Food preparations, not elsewhere classified	3	4	13	.....	1	9	3	.....	.....
28	8	General commercial (job) printing	28	18	421	19	58	320	24	.....	.....
29	14	Gray-iron and semisteel castings	4	.....	150	8	7	134	1	.....	.....
30	1	Ice cream and ices	5	1	52	4	6	24	16	.....	2
31	1	Ice, manufactured	4	.....	46	2	5	18	21	.....	.....
32	17	Industrial machinery, not elsewhere classified	4	.....	291	9	30	218	34	.....	.....
33	17	Machine-shop products, not elsewhere classified	11	2	570	19	88	463	.....	.....	.....
34	17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	3	1	135	5	6	122	2	.....	.....
35	1	Malt liquors	3	.....	263	9	21	116	103	10	4
36	1	Meat packing, wholesale	3	1	111	6	1	64	40	.....	.....
37	20	Models and patterns (except paper patterns)	3	1	213	5	20	186	.....	2	.....
38	8	Newspapers: publishing and printing	9	8	418	6	92	175	145	.....	.....
39	1	Nonalcoholic beverages	7	7	114	8	8	34	63	.....	1
40	15	Nonferrous-metal foundries (except aluminum)	3	4	37	4	2	31	.....	.....	.....
41	7	Paper and paperboard mills	4	.....	248	11	22	205	10	.....	.....
42	8	Photoengraving, not done in printing establishments (including preparation of plates)	4	1	73	6	5	45	17	.....	.....
43	5	Planing mills not operated in conjunction with sawmills	7	1	221	6	39	167	9	.....	.....
44	13	Porcelain electrical supplies	3	.....	578	6	110	460	2	.....	.....
45	14	Power boilers and associated products	3	.....	3,127	5	951	1,636	535	.....	.....
46	11	Rubber products not elsewhere classified	16	1	2,041	26	268	1,694	36	15	2
47	15	Sheet-metal work not specifically classified	3	2	45	1	11	33	.....	.....	.....
48	20	Signs, advertising displays, and advertising novelties	4	1	60	3	2	38	17	.....	.....
49	17	Special-industry machinery, not elsewhere classified	11	9	1,103	20	128	921	25	6	3
50	20	Sporting and athletic goods not elsewhere classified	3	1	396	6	38	301	51	.....	.....
51	14	Stamped and pressed metal products (except automobile stampings)	4	.....	208	7	20	180	1	.....	.....
52	11	Tires and inner tubes	11	.....	33,285	38	4,935	25,988	2,096	204	24
53	14	Tools (except edge tools, machine tools, files, and saws)	3	.....	106	5	12	71	18	.....	.....
54		Other industries [6]	167	53	12,626	204	2,210	8,840	1,161	206	5
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]									
55	1	Food and kindred products	20	8	923	18	135	697	73	.....	.....
56	4	Apparel and other finished products made from fabrics and similar materials	3	.....	13	3	1	5	4	.....	.....
57	6	Furniture and finished lumber products	11	.....	1,289	12	91	1,167	18	1	.....
58	7	Paper and allied products	8	.....	389	14	25	328	22	.....	.....
59	8	Printing, publishing, and allied industries	24	20	789	28	134	419	208	.....	.....
60	9	Chemicals and allied products	14	.....	1,808	19	329	1,169	91	200	.....
61	13	Stone, clay, and glass products	19	6	1,230	18	175	1,012	24	.....	1
62	14	Iron and steel and their products, except machinery	19	1	4,110	37	1,032	2,444	597	.....	.....
63	15	Nonferrous metals and their products	7	4	82	4	15	62	1	.....	.....
64	17	Machinery (except electrical)	8	3	274	9	45	214	2	.....	4

See footnotes at end of table.

AREAS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [1]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [3]	Wages											
WHEELING INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
19,601,701	877,890	2,115,158	15,750,601	833,353	23,591	1,108	55,659,029	53,250,450	1,178,285	747,182	483,112	87,502,594	31,843,565	1
475,007	23,303	53,574	272,033	120,982	5,115	----------	4,308,858	4,236,603	45,248	27,007	----------	5,253,328	944,470	2
183,203	----------	16,594	161,067	1,850	3,692	----------	292,165	286,076	1,674	4,415	----------	715,730	423,565	3
403,869	32,740	21,761	306,141	43,227	----------	----------	804,397	787,448	1,788	15,161	----------	1,887,909	1,083,512	4
168,792	35,730	28,414	65,989	38,659	----------	----------	202,149	147,115	1,770	3,825	49,439	510,782	308,633	5
535,045	15,772	97,071	359,153	55,976	7,073	----------	2,960,791	2,756,356	121,360	50,644	32,431	5,243,030	2,282,239	6
770,770	42,250	61,216	639,008	27,785	511	----------	513,482	385,003	81,946	46,533	----------	1,791,197	1,277,715	7
10,324,125	308,419	964,534	8,909,309	141,863	----------	----------	27,440,800	26,646,894	379,521	387,839	26,546	41,806,911	14,366,111	8
906,317	40,620	71,789	768,942	24,966	----------	----------	1,726,841	1,664,090	49,863	12,888	----------	3,301,698	1,574,857	9
2,577,669	148,496	355,212	1,823,423	250,470	----------	68	3,949,093	3,793,508	71,778	79,806	4,001	7,463,975	3,514,882	10
12,496	----------	----------	10,725	1,771	----------	----------	35,304	33,416	1,695	193	----------	77,309	42,005	11
3,244,408	230,560	444,993	2,434,811	125,804	7,200	1,040	13,425,149	12,513,941	421,642	118,871	370,695	19,450,725	6,025,576	12–19
AKRON INDUSTRIAL AREA														
96,821,372	3,226,211	18,917,966	65,504,864	8,297,250	798,426	76,655	166,359,561	159,428,734	4,050,330	2,180,090	700,407	332,925,647	166,566,086	20
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	21
1,406,697	55,501	137,953	1,144,605	43,795	13,653	11,190	2,149,842	2,062,476	51,271	36,095	----------	4,741,811	2,591,969	22
(5)	(5)	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	23
(5)	(5)	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	24
(5)	(5)	(5)	(5)	----------	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	25
426,782	77,968	59,601	258,239	30,974	----------	----------	658,711	646,137	5,725	6,849	----------	1,317,766	659,055	26
8,617	----------	1,300	5,076	2,241	----------	----------	26,163	25,134	712	317	----------	35,486	9,323	27
733,369	78,210	118,684	486,220	50,255	----------	----------	654,384	520,286	13,837	11,959	108,302	1,697,733	1,043,349	28
273,683	35,870	12,445	223,107	2,261	----------	----------	159,981	129,568	20,397	10,016	----------	480,026	320,045	29
78,308	11,838	7,012	28,917	26,995	----------	3,546	332,524	319,778	745	12,001	----------	505,588	173,064	30
74,798	10,500	10,112	28,343	25,843	----------	----------	45,684	8,621	1,540	35,523	----------	191,155	145,471	31
470,137	37,169	54,419	316,456	62,093	----------	----------	347,418	318,558	18,511	10,017	332	973,541	626,123	32
1,068,366	118,991	200,432	748,943	----------	----------	----------	584,206	496,120	54,634	28,345	5,107	1,922,680	1,338,474	33
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	34
501,894	51,565	47,590	194,018	183,153	16,156	9,412	605,601	569,027	27,798	8,776	----------	1,739,889	1,134,288	35
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	36
(5)	(5)	(5)	(5)	----------	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	37
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	38
212,235	50,509	11,589	45,804	103,398	----------	935	429,270	419,568	3,029	6,673	----------	1,061,068	631,798	39
71,171	12,620	440	58,039	----------	72	----------	80,718	74,490	3,392	2,836	----------	188,345	107,627	40
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	----------	----------	----------	(5)	(5)	41
172,603	21,462	11,160	111,071	28,910	----------	----------	34,973	30,921	674	3,378	----------	237,744	202,771	42
357,934	54,598	61,798	213,017	28,521	----------	----------	303,040	294,198	5,680	3,162	----------	762,004	458,964	43
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	44
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	45
2,791,417	166,817	511,475	2,005,106	79,991	25,645	2,383	3,566,280	3,338,703	130,992	96,575	10	7,948,277	4,381,997	46
(5)	(5)	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	47
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	48
2,222,124	238,950	283,541	1,633,625	50,538	10,382	5,088	2,318,774	2,220,390	13,662	53,970	30,752	6,110,362	3,791,588	49
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	50
275,651	38,933	39,606	191,593	5,519	----------	----------	535,972	485,622	4,183	8,685	37,482	923,759	387,787	51
64,840,759	811,859	12,901,147	45,374,316	5,380,179	333,799	39,459	119,676,475	116,707,742	1,777,864	1,190,869	----------	224,335,400	104,658,925	52
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	53
20,834,827	1,352,851	4,447,662	12,438,369	2,192,584	398,719	4,642	33,849,545	30,761,395	1,915,684	654,044	518,422	77,753,013	43,903,468	54
1,607,742	94,977	295,739	1,104,239	112,787	----------	----------	10,800,419	10,697,440	77,336	25,643	----------	17,445,871	6,645,452	55
22,488	10,006	857	5,408	6,217	----------	----------	51,325	50,079	370	876	----------	61,750	10,425	56
1,445,911	52,885	166,242	1,188,511	37,221	1,052	----------	3,173,974	3,100,808	54,216	18,950	----------	5,024,069	1,850,095	57
552,730	85,000	47,124	369,910	50,696	----------	----------	1,365,589	1,252,746	99,770	13,073	----------	2,226,525	860,936	58
1,758,978	279,100	403,839	728,204	347,835	----------	----------	1,500,808	1,024,773	9,314	26,338	440,383	5,058,978	3,558,170	59
2,936,621	175,345	711,332	1,603,409	54,118	392,417	----------	4,342,447	3,206,601	1,114,563	21,283	----------	11,498,151	7,155,704	60
1,938,100	77,540	367,463	1,424,887	67,610	----------	600	1,885,039	1,459,387	322,223	103,429	----------	5,396,856	3,511,817	61
6,948,981	194,548	1,870,039	3,640,031	1,244,363	----------	----------	7,461,921	6,955,381	187,044	315,796	3,700	21,681,247	14,219,326	62
145,756	21,475	31,632	91,949	700	----------	----------	128,405	119,453	2,069	6,048	835	363,070	234,665	63
649,910	111,952	108,387	417,396	8,133	----------	4,042	627,782	605,767	7,162	12,899	1,954	1,601,014	973,232	64

TABLE 9.—GENERAL STATISTICS FOR INDUSTRIAL

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS[1] Total[2]	Salaried officers of corporations[1]	Manufacturing: Salaried employees[2]	Manufacturing: Wage earners (average for year)[3]	Distribution	Construction	Other
		AKRON INDUSTRIAL AREA Continued									
		OTHER INDUSTRIES, BY INDUSTRY GROUPS[7] continued									
1	20	Miscellaneous industries	19	6	756	20	68	586	80	2	.....
2	16	Electrical machinery	3	..	159	10	44	93	12	..	.....
3	19	Transportation equipment except automobiles	3	...	113	6	23	78	3	3	.
4	3	Textile mill products and other fiber manufactures	1								
5	5	Lumber and timber basic products	1								
6	10	Products of petroleum and coal	2	5	691	6	93	566	26	..	.
7	11	Rubber products	1								
8	12	Leather and leather products	2								
9	18	Automobiles and automobile equipment	2								
		DAYTON INDUSTRIAL AREA									
10		All industries, total	461	209	49,512	518	5,817	39,367	3,501	134	175
11	19	Aircraft and parts, including aircraft engines	6	5	150	3	17	130	..	..	..
12	1	Biscuit, crackers, and pretzels	4	2	943	1	96	785	61	..	.
13	8	Bookbinding and related industries	3		51	6	9	28	8	...	.
14	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	42	36	936	9	50	801	65	1	10
15	1	Candy and other confectionery products	6	5	79	1	4	61	5		5
16	4	Canvas products (except bags)	3	3	33	1	3	25	4		.
17	13	Concrete products	7	3	81	8	8	62	3	.	
18	7	Converted paper products not elsewhere classified	3		483	7	52	338	86		...
19	1	Creamery butter	4	3	26		3	17	6	.	.....
20	9	Drugs and medicines (including drug grinding)	7	1	47	5	15	22	5		. ..
21	17	Electroplating, plating, and polishing	5	2	66	4	3	57	..	..	2
22	8	Electrotyping and stereotyping, not done in printing establishments	3	1	88	4	6	68	9	1	..
23	7	Envelopes	3	.	871	6	55	810	...	.....	. ..
24	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	6	3	163	7	16	138	2	.....	..
25	1	Flour and other grain-mill products	3	4	8	..	1	7	.	.....	.. ..
26	8	General commercial (job) printing	33	23	1,083	23	189	770	101	. .	....
27	16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	3	..	1,829	12	264	1,433	42	42	36
28	14	Gray-iron and semisteel castings	12	2	1,901	14	183	1,637	20	..	47
29	1	Ice cream and ices	9	7	149	6	5	66	68	1	3
30	1	Ice, manufactured	7	1	69	6	18	35	6	.	4
31	9	Insecticides, fungicides, and related industrial and household chemical compounds	4	3	29	5	7	14	3	.. ..	. . .
32	8	Machine and hand typesetting (including advertisement typesetting)	4	3	62	3	3	48	8	.	.. ...
33	17	Machine-shop products, not elsewhere classified	10	2	361	18	42	252	49	.....	.
34	17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	30	8	1,140	48	111	945	34	.. .	2
35	1	Malt liquors	3	...	155	7	32	104	12	.	.
36	6	Mattresses and bedsprings	3	3	37	2	9	22	2	...	2
37	1	Meat packing, wholesale	6	5	595	13	32	377	151	9	13
38	20	Models and patterns (except paper patterns)	10	11	93	7	11	73	2	. . .	.
39	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	3		18	2	1	15	.. .	....	.. ...
40	8	Newspapers: publishing and printing	4	2	728	5	271	309	142	1	. ..
41	1	Nonalcoholic beverages	11	6	170	9	15	61	83	...	2
42	15	Nonferrous-metal foundries (except aluminum)	5	7	44	4	3	36	....	.	1
43	17	Office and store machines not elsewhere classified	3	.....	6,771	16	965	5,270	520	..	
44	9	Paints, varnishes, and lacquers	10	.....	440	9	96	296	37	..	2
45	7	Paper and paperboard mills	4	....	822	7	77	727	5	6	.. .
46	7	Paperboard containers and boxes not elsewhere classified	6	.... .	372	11	21	303	36	1	.
47	17	Paper-mill, pulp-mill, and paper-products machinery	3	.. ..	391	4	86	277	24	....	. ..
48	8	Periodicals, publishing and printing	4	..	1,524	2	165	834	477	46	.. ..
49	8	Periodicals, publishing without printing	3	2	99	2	94	.. . .	3	... ...	...
50	8	Photoengraving, not done in printing establishments (including preparation of plates)	4		94	4	11	64	15	.....	. ..
51	5	Planing mills not operated in conjunction with sawmills	5	2	130	4	15	106	5	. . ..	
52	1	Poultry dressing and packing, wholesale	3	4	13	.....	1	12	....	.. .	
53	14	Power boilers and associated products	4	.. .	142	5	27	108	2	.. .	
54	17	Pumping equipment and air compressors	7	. .. .	457	16	53	340	46	2	
55	17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	4	.	10,316	1	1,024	8,849	423	.... .	19
56	14	Screw-machine products and wood screws	5	2	91	6	9	75	1	.. ....	... . .
57	20	Signs, advertising displays, and advertising novelties	8	5	84	5	6	70	3	. . .	...
58	9	Soap and glycerin	3		374	12	28	283	51	.. . .	...
59	6	Upholstered household furniture	3	1	35	4	3	26	2	..	. .
60	6	Wooden boxes except cigar boxes	4	2	187	6	13	160	4		4

See footnotes at end of table.

AREAS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [3]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [7]	Wages											
AKRON INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
1,338,860	174,671	121,206	872,125	166,208	4,650	----------	897,178	800,195	9,929	27,478	59,576	3,392,461	2,495,283	1
1,488,750	75,352	323,802	992,300	96,696	600	----------	1,614,658	1,488,765	31,688	82,231	11,974	4,003,021	2,388,363	2–9
DAYTON INDUSTRIAL AREA														
83,387,346	3,728,621	12,563,113	60,089,013	6,389,290	253,388	363,921	114,879,532	108,409,232	1,925,007	2,170,246	2,375,047	277,133,661	162,254,129	10
151,669	4,962	16,038	130,669	----------	----------	----------	167,385	155,617	2,098	3,587	6,083	408,932	241,547	11
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	12
99,279	25,560	12,829	43,979	16,911	----------	----------	93,715	92,713	200	802	----------	282,117	188,402	13
1,344,958	46,741	123,341	1,111,813	48,040	1,040	13,983	1,954,294	1,845,250	56,953	52,091	----------	4,586,719	2,632,425	14
85,989	13,584	12,450	47,676	5,007	----------	7,272	169,835	164,891	1,821	3,123	----------	303,341	133,506	15
26,685	4,500	3,532	14,172	4,481	----------	----------	26,273	25,706	225	342	----------	70,489	44,216	16
135,429	47,640	12,767	65,803	3,519	5,700	----------	198,001	186,643	3,529	7,829	----------	423,992	225,991	17
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	18
38,833	----------	6,140	22,926	9,767	----------	----------	326,270	321,378	2,080	2,812	----------	409,569	83,299	19
73,084	18,062	24,381	18,361	12,280	----------	----------	92,290	90,385	1,061	816	28	266,992	174,702	20
87,839	13,250	4,650	67,443	----------	----------	2,496	67,738	45,631	2,891	14,558	4,658	246,372	178,634	21
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	22
(5)	(5)	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	23
218,958	33,359	35,418	144,981	5,200	----------	----------	487,561	476,008	1,609	9,944	----------	858,506	370,945	24
(5)	----------	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	25
1,980,437	262,775	396,532	1,097,306	223,824	----------	----------	1,809,511	1,645,088	8,901	32,865	122,657	6,185,158	4,375,647	26
2,936,135	189,330	454,594	1,950,057	197,724	80,010	64,420	2,657,198	2,561,526	35,191	52,783	7,698	7,509,031	4,851,833	27
2,914,844	127,498	390,360	2,222,400	42,829	----------	131,757	2,873,391	2,485,594	269,827	112,822	5,148	6,766,301	3,892,910	28
246,003	40,700	7,901	77,142	116,304	875	3,081	490,905	455,749	5,667	29,489	----------	991,722	500,817	29
110,031	29,985	27,277	43,152	6,379	487	2,751	60,712	12,063	10,549	38,100	----------	327,642	266,930	30
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	31
126,350	16,100	8,480	88,818	12,952	----------	----------	36,663	24,922	613	2,535	8,593	203,996	167,333	32
579,407	94,920	79,358	291,645	113,484	----------	----------	581,817	527,711	25,537	21,843	6,726	1,563,915	982,098	33
2,466,236	348,824	252,628	1,752,546	111,106	----------	1,132	1,074,460	956,090	6,147	39,566	72,657	4,758,851	3,684,391	34
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	35
50,455	12,000	9,559	23,256	4,660	----------	980	106,652	104,896	524	1,232	----------	178,289	71,637	36
800,353	96,429	52,730	404,937	210,844	14,602	20,811	7,094,552	7,016,943	36,926	40,683	----------	8,352,107	1,257,555	37
160,386	19,864	20,228	116,734	3,560	----------	----------	54,104	48,273	2,692	3,139	----------	285,243	231,139	38
24,767	5,200	1,000	18,567	----------	----------	----------	48,698	40,789	273	2,871	4,765	93,047	44,349	39
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	40
307,080	48,953	24,183	72,588	159,356	----------	2,000	567,620	556,194	3,625	7,801	----------	1,383,440	815,820	41
63,272	12,818	3,137	46,459	----------	----------	858	87,050	79,352	4,618	3,080	----------	175,423	88,373	42
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	43
765,092	75,327	211,674	395,044	80,683	745	1,619	2,892,001	2,849,093	14,365	28,543	----------	5,809,104	2,917,103	44
1,163,423	63,000	172,954	907,396	7,763	12,310	----------	3,307,907	3,045,895	251,578	10,434	----------	5,461,596	2,153,689	45
390,652	29,322	41,033	279,907	38,523	1,867	----------	1,033,727	965,196	4,584	10,716	53,231	1,819,326	785,599	46
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	47
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	48
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	----------	(5)	(5)	(5)	(5)	49
295,326	32,125	25,697	193,118	44,386	----------	----------	39,663	29,353	580	3,139	6,591	423,461	383,798	50
170,743	14,690	29,685	118,196	8,172	----------	----------	282,710	270,715	3,675	8,320	----------	577,717	295,007	51
(5)	----------	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	52
217,380	18,597	46,536	148,352	3,895	----------	----------	254,731	236,514	11,051	7,166	----------	576,521	321,790	53
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	54
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	55
106,742	20,791	21,039	63,989	923	----------	----------	123,237	114,721	1,573	6,943	----------	309,275	186,038	56
111,886	22,152	8,440	75,051	6,243	----------	----------	118,951	115,887	1,237	1,546	281	318,630	199,679	57
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	58
37,592	5,520	5,560	23,750	2,762	----------	----------	43,448	42,304	400	744	----------	105,501	62,053	59
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	60

TABLE 9.—GENERAL STATISTICS FOR INDUSTRIAL

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS[1]: Total[1]	Salaried officers of corporations[2]	Manufacturing: Salaried employees[2]	Manufacturing: Wage earners (average for year)[3]	Distribution	Construction	Other
		DAYTON INDUSTRIAL AREA—Continued									
1		Other industries[5]	177	60	38,116	249	4,538	30,478	2,731	74	46
		OTHER INDUSTRIES, BY INDUSTRY GROUPS[6]									
2	1	Food and kindred products	23	16	1,317	9	151	1,060	94		3
3	4	Apparel and other finished products made from fabrics and similar materials	8	3	407	6	27	339	35		
4	6	Furniture and finished lumber products	12	8	547	13	29	447	33	3	22
5	7	Paper and allied products	8		1,500	16	147	1,244	93		
6	8	Printing, publishing, and allied industries	22	7	3,141	27	638	1,609	819	48	
7	9	Chemicals and allied products	12	4	506	23	48	362	72	1	
8	14	Iron and steel and their products, except machinery	9		1,042	29	73	923	17		
9	15	Nonferrous metals and their products	6	4	93	5	14	66	6		2
10	16	Electrical machinery	6	1	70	8	12	44	6		
11	17	Machinery (except electrical)	36	5	18,696	67	2,229	15,304	1,070	7	19
12	20	Miscellaneous industries	14	5	865	16	57	684	93	15	
13	11	Rubber products	3		1,208	14	103	859	232		
14	18	Automobiles and automobile equipment	11	5	8,400	10	981	7,280	129		
15	3	Textile-mill products and other fiber manufactures	1								
16	12	Leather and leather products	2	2	324	6	29	257	32		
17	13	Stone, clay, and glass products	2								
18	19	Transportation equipment except automobiles	2								
		TOLEDO INDUSTRIAL AREA									
19		All industries, total	499	226	38,125	503	4,440	30,676	2,369	18	119
20	14	Automobile stampings	6		659	13	53	586	7		
21	16	Automotive electrical equipment	5	1	4,664	5	390	4,260	8		1
22	8	Bookbinding and related industries	3	5	27		1	25	1		
23	8	Books: printing without publishing	4		69	8	11	46	4		
24	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	51	43	1,210	12	69	1,025	75		29
25	1	Candy and other confectionery products	7	5	113	2	9	100	2		
26	4	Canvas products (except bags)	4		530	5	19	427	79		
27	9	Cleaning and polishing preparations, blackings, and dressings	4	5	17		6	5	6		
28	9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	4		32	2	7	22	1		
29	13	Concrete products	4	4	88	3	6	73	6		
30	16	Electrical appliances	4	2	505	8	100	370	24		3
31	15	Electroplating, plating, and polishing	8	5	260	9	18	229	2	2	
32	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	3		90	6	17	66	1		
33	1	Flour and other grain-mill products	3		213	4	37	164	5		3
34	1	Food preparations, not elsewhere classified	6	4	82	4	8	46	24		
35	17	Food-products machinery	3	1	49	3	5	33	5		3
36	8	General commercial (job) printing	33	42	256	12	33	199	12		
37	16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	3		74	9	6	51	8		
38	14	Gray-iron and semisteel castings	8	1	463	6	21	429	7		
39	14	Hardware not elsewhere classified	3		778	3	78	677	19	1	
40	1	Ice cream and ices	8	2	91	2	6	47	31		5
41	1	Ice, manufactured	7	1	63	2	6	39	16		
42	17	Industrial machinery, not elsewhere classified	3		278	9	45	182	42		
43	8	Machine and hand typesetting (including advertisement typesetting)	4	2	29	3	2	24			
44	17	Machine-shop products, not elsewhere classified	12	4	896	15	206	532	114	1	28
45	17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	14	6	561	15	53	474	19		
46	1	Meat packing, wholesale	4	4	267	7	35	175	50		
47	17	Metal working machinery and equipment, not elsewhere classified	4		1,125	9	90	874	152		
48	13	Mirrors and other glass products made of purchased glass	3		1,117	3	89	1,025			
49	20	Models and patterns (except paper patterns)	6	5	162	9	19	134			
50	18	Motor vehicles, motor-vehicle bodies, parts and accessories	8		4,797	20	641	3,948	188		
51	8	Newspapers: publishing and printing	9	4	692	12	202	354	124		
52	1	Nonalcoholic beverages	10	4	166	3	12	63	88		
53	15	Nonferrous-metal foundries (except aluminum)	4	8	20		2	15	3		
54	15	Nonferrous-metal products not elsewhere classified	4	1	2,012	8	218	1,717	43		26
55	9	Paints, varnishes, and lacquers	6		312	6	85	193	25		3
56	7	Paperboard containers and boxes not elsewhere classified	6	1	417	11	40	349	17		
57	6	Partitions, shelving, cabinet work, and office and store fixtures	4	3	55	4	6	41	4		
58	10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	5	1	48	1	6	41			
59	8	Periodicals: publishing and printing	3	2	36		10	21	5		
60	8	Periodicals: publishing without printing	3	2	15		10		5		
61	10	Petroleum refining	4		1,135		211	924			
62	8	Photoengraving, not done in printing establishments (including preparation of plates)	4	6	53	5	7	31	10		
63	1	Pickled fruits and vegetables and vegetable sauces and seasonings	3		172	3	8	155	6		
64	5	Planing mills not operated in conjunction with sawmills	5	3	85	5	7	60	5		8

See footnotes at end of table.

AREAS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
DAYTON INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
65, 100, 031	1, 934, 043	10, 020, 982	48, 010, 780	4, 887, 713	135, 752	110, 761	85, 656, 462	80, 820, 142	1, 152, 407	1, 607, 982	2, 075, 931	215, 101, 336	129, 444, 874	1
1, 712, 700	42, 257	290, 152	1, 231, 367	144, 480	----------	4, 444	4, 362, 686	4, 212, 545	99, 345	50, 796	----------	11, 165, 201	6, 802, 515	2
292, 299	39, 330	28, 858	208, 867	15, 244	----------	----------	422, 968	415, 261	1, 909	5, 798	----------	823, 802	400, 834	3
692, 577	78, 809	66, 662	440, 707	63, 652	4, 420	38, 327	753, 256	723, 978	13, 832	15, 446	----------	1, 733, 907	980, 651	4
2, 240, 016	194, 471	268, 448	1, 581, 819	195, 278	----------	----------	5, 381, 337	5, 311, 121	25, 462	44, 754	----------	9, 440, 807	4, 059, 470	5
5, 418, 110	267, 755	930, 538	2, 986, 478	1, 134, 710	98, 629	----------	7, 556, 062	5, 419, 840	38, 459	90, 102	2, 007, 661	21, 024, 636	13, 468, 574	6
784, 069	136, 866	92, 470	357, 072	196, 186	1, 475	----------	2, 585, 715	2, 509, 571	29, 746	46, 398	----------	4, 252, 702	1, 666, 987	7
1, 959, 343	233, 190	195, 985	1, 491, 720	38, 448	----------	----------	1, 946, 022	1, 738, 521	51, 657	139, 749	16, 095	4, 833, 663	2, 887, 641	8
141, 505	30, 408	18, 253	81, 169	8, 454	----------	3, 221	198, 711	183, 102	464	2, 145	13, 000	425, 976	227, 265	9
80, 904	20, 336	13, 848	35, 040	11, 680	----------	----------	177, 364	170, 563	1, 527	5, 274	----------	328, 588	151, 224	10
33, 825, 593	601, 637	5, 649, 614	25, 435, 074	2, 062, 169	12, 330	64, 769	33, 213, 115	32, 002, 906	606, 402	598, 242	5, 565	96, 852, 961	63, 639, 846	11
1, 101, 893	70, 035	104, 583	812, 836	95, 541	18, 898	----------	1, 104, 213	1, 053, 383	20, 890	29, 940	----------	2, 594, 044	1, 489, 831	12
16, 851, 022	218, 949	2, 361, 571	13, 348, 631	921, 871	----------	----------	27, 955, 013	27, 079, 351	262, 714	579, 338	33, 610	61, 625, 049	33, 670, 036	13, 14, 15, 16, 17, 18
TOLEDO INDUSTRIAL AREA														
61, 373, 158	3, 393, 673	9, 534, 384	43, 655, 822	4, 592, 628	31, 135	165, 516	137, 933, 906	129, 847, 294	4, 349, 780	2, 442, 942	1, 293, 890	249, 409, 045	111, 475, 139	19
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	20
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	21
24, 915	----------	950	22, 469	1, 496	----------	----------	13, 732	9, 496	150	2, 166	1, 920	68, 245	54, 513	22
140, 218	38, 145	17, 845	71, 387	12, 841	----------	----------	130, 524	83, 323	1, 213	3, 113	42, 875	303, 831	173, 307	23
1, 767, 277	66, 875	137, 150	1, 459, 011	75, 605	----------	28, 636	2, 922, 410	2, 784, 984	82, 852	54, 574	----------	6, 594, 391	3, 671, 981	24
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	25
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	26
16, 493	----------	8, 422	2, 469	5, 602	----------	----------	18, 677	18, 051	300	326	----------	69, 169	50, 492	27
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	28
165, 663	26, 200	13, 040	103, 494	22, 929	----------	----------	207, 052	197, 733	3, 525	5, 794	----------	727, 083	520, 031	29
683, 884	52, 427	160, 974	427, 374	40, 314	----------	2, 795	963, 812	937, 334	10, 212	16, 266	----------	2, 149, 754	1, 185, 942	30
377, 930	29, 920	34, 069	307, 470	3, 852	2, 619	----------	158, 056	117, 904	10, 255	29, 897	----------	685, 632	527, 576	31
173, 137	30, 500	31, 175	108, 887	2, 575	----------	----------	207, 298	200, 973	1, 447	4, 878	----------	488, 402	281, 104	32
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	33
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	34
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	35
368, 562	29, 547	42, 076	279, 197	17, 742	----------	----------	335, 957	300, 464	5, 079	11, 710	18, 704	966, 551	630, 594	36
128, 619	34, 319	7, 483	81, 039	5, 778	----------	----------	204, 673	200, 508	1, 087	2, 768	310	378, 782	174, 109	37
649, 297	22, 840	49, 048	564, 289	13, 120	----------	----------	642, 687	538, 818	68, 411	35, 095	363	1, 608, 412	965, 725	38
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	39
121, 573	2, 671	8, 764	53, 436	45, 860	----------	10, 842	505, 239	476, 104	6, 385	22, 750	----------	1, 013, 382	508, 143	40
79, 051	3, 983	11, 909	43, 581	19, 578	----------	----------	77, 265	9, 934	1, 202	66, 129	----------	400, 973	323, 708	41
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	42
48, 528	8, 606	3, 172	36, 750	----------	----------	----------	15, 237	10, 098	613	1, 663	2, 863	84, 325	69, 088	43
1, 790, 157	95, 224	410, 970	825, 994	389, 735	1, 554	66, 680	2, 912, 003	2, 809, 049	32, 500	45, 046	25, 408	7, 177, 257	4, 265, 254	44
1, 314, 922	124, 602	144, 883	986, 790	58, 647	----------	----------	1, 010, 104	882, 564	5, 899	31, 865	89, 776	3, 725, 006	2, 714, 902	45
470, 710	46, 764	54, 879	269, 762	99, 305	----------	----------	2, 749, 855	2, 715, 831	23, 382	10, 642	----------	3, 476, 606	726, 751	46
2, 174, 925	88, 050	201, 411	1, 518, 203	367, 261	----------	----------	1, 503, 216	1, 382, 162	93, 905	14, 365	12, 784	3, 971, 259	2, 468, 043	47
(5)	(5)	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	48
299, 458	29, 173	39, 839	230, 446	----------	----------	----------	99, 247	92, 914	1, 328	4, 680	325	511, 446	412, 199	49
7, 780, 635	388, 460	1, 324, 186	5, 694, 025	373, 964	----------	----------	15, 664, 429	15, 118, 846	276, 084	269, 499	----------	26, 853, 036	11, 188, 607	50
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	51
234, 903	21, 034	32, 368	81, 252	100, 249	----------	----------	443, 271	429, 323	4, 460	9, 488	----------	1, 058, 831	615, 560	52
25, 218	----------	2, 840	18, 517	3, 861	----------	----------	81, 865	77, 497	2, 969	1, 399	----------	151, 577	69, 712	53
3, 952, 855	127, 957	462, 885	3, 163, 284	177, 729	----------	21, 000	4, 727, 177	4, 056, 072	118, 150	151, 277	401, 678	9, 008, 018	4, 280, 841	54
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	55
612, 819	71, 658	68, 903	422, 225	50, 033	----------	----------	1, 195, 811	1, 173, 066	8, 108	14, 637	----------	2, 334, 574	1, 138, 763	56
71, 237	9, 619	10, 487	47, 639	3, 492	----------	----------	78, 347	73, 908	2, 777	1, 662	----------	180, 959	102, 612	57
(5)	(5)	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	58
53, 418	----------	9, 975	38, 642	4, 801	----------	----------	30, 996	17, 784	1, 468	1, 166	10, 578	103, 520	72, 524	59
22, 170	----------	13, 323	----------	8, 847	----------	----------	46, 223	379	----------	----------	45, 844	94, 541	48, 318	60
2, 239, 020	----------	463, 250	1, 775, 770	----------	----------	----------	28, 495, 687	27, 179, 832	1, 035, 188	280, 667	----------	32, 203, 014	3, 707, 327	61
163, 705	50, 394	9, 860	83, 534	19, 917	----------	----------	35, 174	30, 586	903	2, 491	1, 194	267, 753	232, 579	62
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	63
123, 949	11, 340	12, 145	82, 970	7, 692	----------	9, 802	224, 741	215, 654	1, 596	7, 491	----------	392, 596	167, 855	64

TABLE 9.—GENERAL STATISTICS FOR INDUSTRIAL

	Group	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
		TOLEDO INDUSTRIAL AREA—Continued									
1	11	Rubber products not elsewhere classified	4	1	222	8	22	169	21	1	1
2	15	Sheet-metal work not specifically classified	5	3	33	6	3	23	1		
3	20	Signs, advertising displays, and advertising novelties	6	5	37		5	32			
4	2	Soybean oil, cake, and meal	3		117	3	12	102			
5	14	Stamped and pressed metal products (except automobile stampings)	9	1	522	16	44	427	34	1	
6	14	Wirework not elsewhere classified	3	2	49	2	7	36	4		
7	6	Wood preserving	3		243	4	26	181	32		
8	4	Work gloves and mittens—cloth, cloth and leather combined	6	5	690	2	23	650	14	1	
9		Other industries [6]	227	50	21,457	277	2,462	17,284	1,403	12	19
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]									
10	1	Food and kindred products	36	10	1,396	24	130	1,017	208	8	9
11	3	Textile-mill products and other fiber manufactures	3		417	1	33	382	1		
12	4	Apparel and other finished products made from fabrics and similar materials	16	5	997	22	61	817	95		2
13	6	Furniture and finished lumber products	16	1	582	21	52	447	62		
14	7	Paper and allied products	5	1	301	6	18	239	38		
15	8	Printing, publishing, and allied industries	15	5	837	20	228	448	141		
16	9	Chemicals and allied products	21	1	804	26	168	484	123		3
17	10	Products of petroleum and coal	6	1	271	1	39	231			
18	13	Stone, clay, and glass products	12	3	2,975	12	330	2,501	131	1	
19	14	Iron and steel and their products, except machinery	32	4	3,403	48	377	2,899	76	3	
20	15	Nonferrous metals and their products	6	3	95	7	8	70	10		
21	16	Electrical machinery	10	2	4,705	7	396	4,292	9		1
22	17	Machinery (except electrical)	25	8	2,787	49	493	1,951	290		4
23	19	Transportation equipment except automobiles	5		251	12	26	202	11		
24	20	Miscellaneous industries	14	5	1,236	15	79	1,100	42		
25	2	Tobacco manufactures	2								
26	5	Lumber and timber basic products	1	1	400	6	24	204	166		
27	12	Leather and leather products	2								

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries, and are also included in the "Other industries" figures, the sums of these figures are larger than the corresponding totals shown for "All industries."

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.
[2] Figures do not include data for personnel of central-administrative offices.

AREAS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK					Value of products	Value added by manufacture [4]	
Total [3]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work			
		Salaries [2]	Wages											
TOLEDO INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
362,018	64,463	39,747	218,323	36,873	1,126	1,486	949,757	906,092	17,079	24,322	2,264	1,687,323	737,566	1
43,321	9,880	3,592	29,735	114	----------	----------	58,653	56,892	822	939	----------	123,133	64,480	2
39,716	----------	6,644	33,072	----------	----------	----------	39,082	32,947	827	680	4,628	129,820	90,738	3
172,294	14,200	17,868	140,226	----------	----------	----------	1,449,278	1,388,497	17,658	43,123	----------	1,993,141	543,863	4
930,912	136,052	103,260	611,188	77,970	2,442	----------	1,117,839	1,077,097	5,545	30,922	4,275	2,565,440	1,447,601	5
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	6
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	7
486,874	10,280	29,087	420,023	25,846	1,638	----------	836,503	821,555	4,010	8,323	2,615	1,598,315	761,812	8
33,262,775	1,748,490	5,545,905	23,403,349	2,519,000	21,756	24,275	67,782,029	63,423,023	2,502,391	1,231,129	625,486	134,262,948	66,480,919	9
2,056,958	160,192	267,460	1,222,993	372,927	17,611	15,775	12,357,063	12,085,180	87,891	183,992	----------	16,679,173	4,322,110	10
506,477	1,360	93,817	410,898	402	----------	----------	1,247,272	1,183,144	60,161	3,967	----------	2,476,773	1,229,501	11
1,113,194	89,464	104,086	808,838	109,384	----------	1,422	2,912,962	2,683,946	16,346	19,921	192,749	5,183,909	2,270,947	12
797,845	91,921	83,842	500,474	121,608	----------	----------	2,030,087	1,967,800	38,808	23,479	----------	3,163,442	1,133,355	13
385,292	35,724	27,096	264,005	58,467	----------	----------	879,028	863,165	6,533	9,330	----------	1,593,493	714,465	14
1,721,636	185,746	498,326	786,705	250,859	----------	----------	1,318,078	947,661	7,901	24,264	338,252	4,866,917	3,548,839	15
1,484,871	166,020	367,255	766,653	182,037	----------	2,906	4,902,886	4,711,626	39,788	151,472	----------	10,460,973	5,558,087	16
466,030	4,320	108,825	352,885	----------	----------	----------	2,433,680	2,339,891	65,566	28,223	----------	2,997,716	564,036	17
4,428,996	71,119	674,867	3,469,966	211,667	1,377	----------	8,099,609	7,437,376	509,733	150,639	1,861	12,955,170	4,855,561	18
5,421,490	302,394	882,394	4,055,297	178,637	2,768	----------	9,949,299	8,276,035	1,405,870	239,573	27,821	18,741,869	8,792,570	19
157,332	32,932	20,683	88,705	15,012	----------	----------	192,120	180,730	3,702	2,999	4,689	416,508	224,388	20
6,888,126	14,742	882,858	5,984,592	4,674	----------	1,260	10,566,594	10,284,552	79,840	202,202	----------	30,526,091	19,959,497	21
5,183,192	441,734	1,280,094	2,864,231	594,221	----------	2,912	5,897,735	5,576,110	135,384	128,253	57,988	14,746,726	8,848,991	22
466,354	51,708	63,869	339,809	10,968	----------	----------	322,384	296,392	9,976	16,016	----------	891,142	568,758	23
1,639,634	71,109	143,033	1,296,326	129,166	----------	----------	2,433,391	2,367,210	22,215	41,840	2,126	5,145,180	2,711,789	24
														25
545,348	28,005	47,400	190,972	278,971	----------	----------	2,239,841	2,222,205	12,677	4,959	----------	3,417,866	1,178,025	26
														27

[3] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.

[6] For numbers of establishments and of wage earners in individual industries, see table 12.

TABLE 10. GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES, AND PERSONNEL STATISTICS FOR DAYTON: 1939

[This table presents, for each city in the State having 100,000 or more inhabitants, except Dayton, separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures are given, however, reported larger numbers of wage earners or larger values of products than some of those shown separately. No data for nonmanufacturing personnel, except salaried officers of corporations, are included in this table]

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
	AKRON											
	All industries, total	262	108	323	6,024	33,060	$2,611,623	$15,377,760	$55,622,355	$145,442,726	$279,302,236	$133,859,510
19	Aircraft and parts, including aircraft engines	3	....	6	23	78	(4)	(4)	(4)	(4)	(4)	(4)
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	38	31	13	64	730	45,501	128,709	1,066,116	1,912,288	4,334,124	2,421,836
1	Candy and other confectionery products	4	3	3	1	31	(4)	(4)	(4)	(4)	(4)	(4)
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	4	2	8	24	161	77,968	59,601	258,239	658,711	1,317,766	659,055
1	Food preparations, not elsewhere classified	3	4	....	1	9	.....	1,300	5,076	26,163	35,486	9,323
8	General commercial (job) printing	25	16	17	50	300	68,590	95,219	465,021	614,641	1,571,529	956,888
17	Machine-shop products, not elsewhere classified	6	1	8	13	55	(4)	(4)	(4)	(4)	(4)	(4)
17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	3	1	5	6	122	(4)	(4)	(4)	(4)	(4)	(4)
1	Malt liquors	3		9	21	116	51,565	47,590	194,018	605,601	1,739,889	1,134,288
20	Models and patterns (except paper patterns)	3	1	5	20	186	(4)	(4)	(4)	(4)	(4)	(4)
8	Newspapers: publishing and printing	5	5	5	80	159	(4)	(4)	(4)	(4)	(4)	(4)
1	Nonalcoholic beverages	7	7	8	8	34	50,509	11,589	45,804	429,270	1,061,068	631,798
8	Photoengraving, not done in printing establishments (including preparation of plates)	4	1	6	5	45	21,462	11,160	111,071	34,973	237,744	202,771
11	Rubber products not elsewhere classified	10	1	12	167	801	61,309	345,942	1,007,862	2,013,712	4,393,414	2,379,702
20	Signs, advertising displays, and advertising novelties	4	1	3	2	38	(4)	(4)	(4)	(4)	(4)	(4)
17	Special-industry machinery, not elsewhere classified	8	4	20	126	903	238,950	280,716	1,609,896	2,295,995	6,034,321	3,738,326
20	Sporting and athletic goods not elsewhere classified	3	1	6	38	301	(4)	(4)	(4)	(4)	(4)	(4)
14	Stamped and pressed metal products (except automobile stampings)	4	....	7	20	180	38,933	39,606	191,593	535,972	923,759	387,787
	Other industries [5]	156	42	223	5,538	29,778	1,956,836	14,356,328	50,667,659	136,315,400	257,653,136	121,337,736
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
4	Apparel and other finished products made from fabrics and similar materials	3	....	3	1	5	10,006	857	5,408	51,325	61,750	10,425
6	Furniture and finished lumber products	9	....	12	30	402	52,885	54,570	369,375	915,633	1,617,572	701,939
7	Paper and allied products	4	....	7	16	146	42,880	25,616	170,859	280,313	606,186	325,873
8	Printing, publishing, and allied industries	19	16	27	122	402	276,700	390,523	702,360	1,487,118	4,979,301	3,492,183
9	Chemicals and allied products	11	.....	17	46	289	119,745	104,063	462,148	2,269,486	3,691,232	1,421,746
13	Stone, clay, and glass products	10	6	9	23	235	58,190	55,176	322,290	302,619	1,003,836	701,217
14	Iron and steel and their products, except machinery	14	.....	30	55	772	128,722	119,856	1,073,840	2,567,499	4,699,399	2,131,900
15	Nonferrous metals and their products	6	2	7	16	61	31,095	31,628	92,007	160,749	410,886	250,137
17	Machinery (except electrical)	14	4	20	27	268	127,005	43,569	470,721	466,032	1,514,015	1,047,983
20	Miscellaneous industries	18	6	18	67	574	167,519	119,709	851,775	856,094	3,283,461	2,427,367
1	Food and kindred products	23	6	21	140	719						
2	Lumber and timber basic products	5	....	6	30	121						
11	Rubber products	9	....	27	4,813	25,105						
19	Transportation equipment except automobiles	3	.....	6	23	78	942,089	13,410,761	46,146,876	126,958,532	235,785,498	108,826,966
10	Products of petroleum and coal	2										
12	Leather and leather products	2										
16	Electrical machinery	2	2	13	129	601						
18	Automobiles and automobile equipment	2										
	CANTON											
	All industries, total	163	81	160	1,864	16,691	$986,245	$3,870,806	$25,617,797	$63,118,066	$126,336,965	$63,218,899
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	21	23	8	32	411	18,240	61,494	575,138	977,196	2,433,035	1,455,839
1	Candy and other confectionery products	3	3	....	1	18	.....	728	11,331	57,454	99,965	42,511
8	General commercial (job) printing	16	15	8	19	80	25,063	25,370	105,693	183,403	540,240	356,837
14	Gray-iron and semisteel castings	5	.....	6	107	560	(4)	(4)	(4)	(4)	(4)	(4)
17	Machine-shop products, not elsewhere classified	5	.....	13	72	452	(4)	(4)	(4)	(4)	(4)	(4)

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES, AND PERSONNEL STATISTICS FOR DAYTON: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
		CANTON—Continued										
17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	3	4	-------	-------	18	-------	-------	$34,793	$12,484	$80,250	$67,766
1	Meat packing, wholesale	3	1	7	28	178	(4)	(4)	(4)	(4)	(4)	(4)
1	Nonalcoholic beverages	4	2	2	4	20	$30,000	$5,600	7,331	128,060	319,709	191,649
8	Photoengraving, not done in printing establishments (including preparation of plates)	3	-------	8	14	49	22,717	31,738	109,237	36,623	337,286	300,663
5	Planing mills not operated in conjunction with sawmills	3	1	4	-------	16	5,690	500	16,683	34,719	88,696	53,977
11	Rubber products not elsewhere classified	4	-------	5	25	352	(4)	(4)	(4)	(4)	(4)	(4)
20	Signs, advertising displays, and advertising novelties	5	4	4	16	130	(4)	(4)	(4)	(4)	(4)	(4)
14	Stamped and pressed metal products (except automobile stampings)	3	1	6	8	129	(4)	(4)	(4)	(4)	(4)	(4)
14	Steel works and rolling mills	5	-------	2	487	6,442	(4)	(4)	(4)	(4)	(4)	(4)
	Other industries [5]	110	33	130	1,794	16,079	884,535	3,745,376	24,757,591	61,688,127	122,437,784	60,749,657
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	13	3	19	54	288	135,235	91,940	410,935	4,722,846	6,179,380	1,456,534
9	Chemicals and allied products	11	1	10	31	153	140,643	61,648	186,371	2,038,210	4,631,303	2,593,093
14	Iron and steel and their products, except machinery	28	4	33	748	8,711	206,857	1,895,611	13,987,888	38,143,408	66,123,250	27,979,842
17	Machinery (except electrical)	22	10	33	637	4,917	218,863	1,093,180	7,622,355	11,098,267	32,451,986	21,353,719
20	Miscellaneous industries	9	5	11	44	341	51,384	66,440	315,149	498,802	1,400,585	901,783
7	Paper and allied products	3	2	3	19	122						
8	Printing, publishing, and allied industries	6	4	1	101	100						
11	Rubber products	4	-------	5	25	352						
15	Nonferrous metals and their products	6	2	6	24	194						
16	Electrical machinery	3	-------	7	16	91	131,553	536,557	2,234,893	5,186,594	11,651,280	6,464,686
4	Apparel and other finished products made from fabrics and similar materials	2										
6	Furniture and finished lumber products	2	2	2	95	810						
12	Leather and leather products	1										
		CINCINNATI										
	All industries, total	1,328	853	1,216	6,941	52,847	$7,612,072	$13,849,077	$64,772,765	$189,542,765	$380,706,322	$191,163,557
19	Aircraft and parts, including aircraft engines	3	-------	6	25	113	(4)	(4)	(4)	(4)	(4)	(4)
16	Batteries, storage and primary (dry and wet)	3	2	-------	4	52	-------	(4)	(4)	(4)	(4)	(4)
8	Books: publishing without printing	3	-------	1	142	-------	(4)	(4)	-------	(4)	(4)	(4)
12	Boot and shoe cut stock and findings	7	5	4	17	224	12,517	18,617	145,352	382,676	647,346	264,670
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	126	135	26	111	1,895	174,870	234,825	2,622,016	5,822,346	12,545,595	6,723,249
1	Candy and other confectionery products	15	7	8	23	540	(4)	(4)	(4)	(4)	(4)	(4)
4	Canvas products (except bags)	4	3	3	3	26	(4)	(4)	(4)	(4)	(4)	(4)
6	Caskets, coffins, burial cases, and other morticians' goods	5	1	1	20	350	835	15,250	392,939	625,862	1,396,788	770,926
2	Cigars	7	2	9	10	266	(4)	(4)	(4)	(4)	(4)	(4)
9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	8	-------	2	13	72	3,600	27,497	96,728	186,502	766,952	580,450
13	Concrete products	12	4	10	3	58	24,900	4,794	68,857	584,346	1,084,726	500,380
3	Cotton narrow fabrics	3	-------	7	7	98	34,776	17,941	92,935	242,788	566,541	323,753
1	Creamery butter	8	3	2	31	173	28,600	44,706	206,045	3,387,428	4,112,732	725,304
9	Drugs and medicines (including drug grinding)	11	6	10	19	69	43,088	27,429	61,723	196,311	454,087	257,776
16	Electrical products not elsewhere classified [6]	4	1	7	2	27	14,200	2,600	29,534	52,949	130,898	77,949
15	Electroplating, plating, and polishing	7	8	5	12	104	45,300	21,306	145,857	83,220	433,713	350,493
8	Electrotyping and stereotyping, not done in printing establishments	4	-------	6	17	261	37,663	49,484	415,866	265,034	971,382	706,348
17	Elevators, escalators, and conveyors	6	4	13	89	264	71,788	165,599	348,574	854,473	2,145,810	1,291,337
8	Engraving (steel, copperplate, and wood); plate printing	5	16	3	1	31	6,504	2,340	33,546	24,083	119,099	95,016
20	Fabricated plastic products, not elsewhere classified	6	1	8	86	605	(4)	(4)	(4)	(4)	(4)	(4)

See footnotes at end of table.

TABLE 10. GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES, AND PERSONNEL STATISTICS FOR DAYTON: 1939 Continued

Group No.	Industry	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
	CINCINNATI—Continued											
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	12	1	24	28	256	(4)	(4)	(4)	(4)	(4)	(4)
7	Fibre cans, tubes, and similar products [a]	4	1	3	3	86	$22,441	$8,059	$75,039	$160,987	$407,347	$246,360
1	Flavoring extracts and flavoring sirups, not elsewhere classified	8	5	6	8	60	39,300	21,268	71,918	544,514	982,163	437,649
1	Food preparations, not elsewhere classified [a]	15	12	5	33	250	9,123	48,151	205,923	1,798,540	2,754,011	955,471
8	General commercial (job) printing	103	91	66	155	1,225	305,933	255,254	1,676,345	3,385,229	7,590,950	4,205,721
16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	5	1	3	26	88	16,400	55,789	121,952	408,109	940,248	532,139
14	Gray iron and semisteel castings	7	4	15	34	487	74,170	70,762	721,947	639,244	1,896,432	1,257,188
20	Hand stamps, stencils, and brands	7	13	1	4	28	3,640	6,896	38,881	35,411	143,798	108,387
4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors [a]	7	6	2	2	92	4,385	2,037	62,289	112,715	239,955	127,240
6	Household furniture, except upholstered	8	5	11	25	421	(4)	(4)	(4)	(4)	(4)	(4)
1	Ice cream and ices	11	12	5	7	60	15,750	9,548	56,922	408,483	794,046	385,563
1	Ice, manufactured	15	2	14	14	64	53,426	24,648	106,527	137,435	812,991	675,556
12	Industrial leather belting and packing leather	3	. .	5	1	12	11,391	1,716	15,190	55,746	113,129	57,383
9	Insecticides, fungicides, and related industrial and household chemical compounds [b]	12	1	15	35	105	68,079	72,141	130,945	752,374	1,536,466	784,092
15	Jewelry (precious metals)	16	19	11	21	200	35,674	33,259	246,351	665,047	1,306,790	641,743
6	Laboratory, hospital, and other professional furniture	3	2	3	6	102	12,500	11,597	118,741	167,057	494,824	327,767
15	Lighting fixtures	4	1	4	101	1,159	(4)	(4)	(4)	(4)	(4)	(4)
8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	13	6	15	35	339	127,708	61,913	511,226	585,037	1,969,651	1,384,614
8	Machine and hand typesetting (including advertisement typesetting)	8	4	6	12	122	32,800	18,556	209,665	42,258	495,530	453,272
17	Machine-shop products, not elsewhere classified	15	14	17	44	251	95,251	84,536	378,174	473,195	1,297,621	824,426
17	Machine-shop repairs [a]	12	10	8	2	60	17,657	3,505	79,063	69,408	246,682	177,274
17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	14	17	8	23	167	(4)	(4)	(4)	(4)	(4)	(4)
17	Machine tools	20	2	46	1,082	4,737	(4)	(4)	(4)	(4)	(4)	(4)
1	Malt liquors	11	. .	28	104	1,039	258,573	249,123	1,601,962	3,631,672	12,635,130	9,003,458
1	Meat packing, wholesale	29	35	20	156	1,571	246,271	263,305	2,062,571	30,036,295	36,254,268	6,217,973
4	Men's and boys' hats and caps (except felt and straw)	3	5	. . .	5	38	. . .	5,997	35,071	58,368	172,423	114,055
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	18	20	1	3	481	2,600	2,460	368,675	51,145	548,044	496,899
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors [a]	33	17	58	286	4,446	407,777	556,575	4,395,722	8,275,728	17,088,531	8,812,803
17	Metalworking machinery and equipment, not elsewhere classified [a]	7	2	10	248	836	71,186	464,252	1,297,697	1,154,515	3,499,487	2,344,972
13	Mirrors and other glass products made of purchased glass	10	7	14	17	284	62,036	29,240	258,823	435,965	1,007,576	571,611
20	Miscellaneous fabricated products not elsewhere classified	4	2	2	5	35	3,510	5,996	28,065	61,066	129,030	67,964
20	Models and patterns (except paper patterns) [b]	15	18	4	9	164	34,520	16,189	297,104	97,343	620,642	523,299
13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	8	6	6	8	62	19,280	15,038	82,157	69,204	232,442	163,238
18	Motor vehicles, motor-vehicle bodies, parts and accessories	11	9	16	69	1,015	(4)	(4)	(4)	(4)	(4)	(4)
8	Newspapers: publishing and printing	5	2	7	644	796	63,319	1,375,870	1,679,631	2,130,744	8,354,114	6,223,370
1	Nonalcoholic beverages	11	7	10	8	222	33,937	25,228	277,825	1,758,705	4,356,004	2,597,299
15	Nonferrous-metal foundries (except aluminum)	7	3	9	4	107	27,058	9,724	153,535	290,619	599,354	308,735
15	Nonferrous-metal products not elsewhere classified [a]	11	9	25	77	1,283	208,892	143,308	1,529,222	2,731,725	6,900,488	4,168,763
9	Paints, varnishes, and lacquers	14	5	6	59	295	27,078	113,718	356,348	3,536,120	5,839,394	2,303,274
7	Paper bags, except those made in paper mills	3	.....	6	7	80	28,500	9,230	87,410	449,394	786,252	336,858

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES, AND PERSONNEL STATISTICS FOR DAYTON: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
		CINCINNATI—Continued										
7	Paperboard containers and boxes not elsewhere classified	11	2	22	52	785	$119,275	$119,799	$808,969	$2,677,515	$4,569,106	$1,891,591
8	Periodicals: publishing and printing [a]	10	4	18	108	603	124,883	248,521	965,897	1,020,595	4,508,094	3,487,499
8	Periodicals: publishing without printing [a]	27	4	23	233	2	149,205	382,014	3,280	1,067,579	3,122,760	2,055,181
8	Photoengraving, not done in printing establishments (including preparation of plates) [a]	13	7	22	22	139	135,843	42,818	307,256	106,331	824,155	717,824
1	Pickled fruits and vegetables and vegetable sauces and seasonings	5	12	------	------	7	------	------	6,741	52,838	86,706	33,868
5	Planing mills not operated in conjunction with sawmills	9	5	13	16	369	59,539	36,394	316,804	991,291	1,812,712	821,421
1	Poultry dressing and packing, wholesale	7	7	1	2	24	2,400	2,028	20,775	456,683	548,375	91,692
14	Power boilers and associated products	3	------	5	18	92	(4)	(4)	(4)	(4)	(4)	(4)
1	Prepared feeds (including mineral) for animals and fowls	4	------	1	13	106	(4)	(4)	(4)	(4)	(4)	(4)
9	Printing ink	9	2	12	35	131	58,255	109,717	195,083	764,135	1,631,390	867,255
17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	4	1	9	67	483	(4)	(4)	(4)	(4)	(4)	(4)
12	Saddlery, harness, and whips	3	3	------	5	15	------	(4)	(4)	(4)	(4)	(4)
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	12	11	3	8	91	(4)	(4)	(4)	(4)	(4)	(4)
14	Screw-machine products and wood screws	4	5	2	11	65	(4)	(4)	(4)	(4)	(4)	(4)
20	Signs, advertising displays, and advertising novelties	23	14	16	43	565	67,005	84,450	561,818	917,937	2,324,251	1,406,314
15	Silverware and plated ware	3	------	4	2	82	13,800	6,043	79,191	48,591	194,203	145,612
9	Soap and glycerin	6	------	8	5	36	66,011	10,628	35,004	463,478	1,197,528	734,050
20	Sporting and athletic goods not elsewhere classified	4	2	1	18	465	(4)	(4)	(4)	(4)	(4)	(4)
14	Stamped and pressed metal products (except automobile stampings) [a]	12	6	22	157	1,100	229,843	308,555	1,217,666	2,999,926	6,341,080	3,341,154
20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	9	7	7	37	178	35,487	50,118	161,024	242,699	796,885	554,186
4	Textile bags—not made in textile mills	3	2	1	3	58	(4)	(4)	(4)	(4)	(4)	(4)
14	Tin cans and other tinware not elsewhere classified	3	------	3	29	593	(4)	(4)	(4)	(4)	(4)	(4)
2	Tobacco (chewing and smoking) and snuff	5	2	6	4	36	(4)	(4)	(4)	(4)	(4)	(4)
6	Upholstered household furniture	9	5	4	18	260	7,800	43,821	273,320	577,178	1,193,229	616,051
6	Window shades	5	1	5	5	423	(4)	(4)	(4)	(4)	(4)	(4)
14	Wirework not elsewhere classified [a]	10	2	8	26	226	28,224	44,850	208,316	527,586	1,097,469	569,883
16	Wiring devices and supplies	4	------	12	14	89	69,905	24,887	123,135	314,978	752,630	437,652
4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	3	5	2	12	505	30,400	18,588	434,725	1,073,539	1,787,740	714,201
6	Wood products not elsewhere classified	6	4	4	12	182	20,055	27,614	172,320	425,155	775,675	350,520
17	Woodworking machinery [b]	8	4	7	5	43	19,670	7,593	58,203	176,713	391,937	215,224
	Other industries [5]	504	250	527	3,762	29,307	3,563,251	7,624,572	35,516,427	98,192,766	201,318,600	103,125,834
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	69	36	38	197	1,971	182,871	372,827	2,117,949	13,297,049	23,179,885	9,882,836
3	Textile-mill products and other fiber manufactures	13	4	23	46	362	130,934	79,686	453,870	1,726,580	3,357,255	1,630,675
4	Apparel and other finished products made from fabrics and similar materials	45	28	43	95	2,582	226,261	183,411	1,823,752	6,104,668	11,298,541	5,193,873
6	Furniture and finished lumber products	40	15	35	64	1,334	192,205	124,227	1,458,152	3,594,072	7,184,916	3,590,844
7	Paper and allied products	6	2	1	14	162	1,575	28,267	212,305	918,539	1,502,523	583,984
8	Printing, publishing, and allied industries	35	26	23	296	1,437	115,017	511,800	1,641,275	2,596,498	8,164,190	5,567,692
9	Chemicals and allied products	24	17	21	298	963	208,912	543,040	1,151,612	10,171,199	19,008,778	8,837,579
12	Leather and leather products	21	14	17	121	3,481	127,796	192,083	3,422,569	7,894,419	14,493,820	6,599,401
13	Stone, clay, and glass products	7	3	4	14	242	11,835	27,805	288,018	305,301	1,467,285	1,161,984
14	Iron and steel and their products, except machinery	56	17	79	488	3,286	425,364	980,143	4,141,366	7,497,042	18,177,960	10,680,918
15	Nonferrous metals and their products	41	23	40	167	2,027	408,764	351,782	2,545,749	14,467,285	23,545,792	9,078,507
16	Electrical machinery	10	2	15	86	976	139,483	191,479	987,104	4,151,938	7,203,933	3,051,995
17	Machinery (except electrical)	75	33	123	1,561	7,041	1,095,791	3,438,569	11,280,708	14,989,007	43,660,235	28,671,228
20	Miscellaneous industries	29	12	26	202	1,963	121,449	379,173	2,344,168	4,617,454	9,762,857	5,145,403
2	Tobacco manufactures	12	4	15	14	302						
10	Products of petroleum and coal	3	------	------	4	22						
11	Rubber products	4	5	2	1	28	174,994	220,280	1,647,830	5,861,715	9,310,630	3,448,915
18	Automobiles and automobile equipment	11	9	16	69	1,015						
19	Transportation equipment except automobiles	3	------	6	25	113						

See footnotes at end of table.

TABLE 10. GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES, AND PERSONNEL STATISTICS FOR DAYTON: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
		CLEVELAND										
	All industries, total	2,330	1,035	2,387	16,272	112,092	$15,300,707	$34,909,692	$158,272,247	$447,892,451	$881,629,869	$433,737,418
15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	7	4	5	286	1,498	(4)	(4)	(4)	(4)	(4)	(4)
16	Automotive electrical equipment	6	1	10	37	294	63,687	94,816	366,773	531,705	1,459,723	928,018
1	Biscuit, crackers, and pretzels [a]	4	1	7	11	254	43,000	17,459	211,570	568,457	1,109,338	540,881
17	Blowers, exhaust and ventilating fans	3		4	31	141	32,462	43,828	168,886	470,462	847,611	377,149
14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	18	2	21	301	3,498	187,338	675,487	4,982,474	7,623,363	18,048,657	10,425,294
8	Bookbinding and related industries [a]	24	10	31	42	443	113,572	64,727	411,182	531,985	1,604,443	1,072,458
8	Books: printing without publishing	13	4	15	57	219	101,149	144,105	351,649	704,782	1,757,273	1,052,491
8	Books: publishing and printing	5	3	9	26	328	(4)	(4)	(4)	(4)	(4)	(4)
8	Books: publishing without printing	9	4	6	42	1	27,774	52,632	795	151,574	481,145	329,571
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	233	214	50	217	3,685	213,653	441,649	4,973,690	9,263,420	20,484,061	11,220,641
20	Brooms	3	..	7	4	15	(4)	(4)	(4)	(4)	(4)	(4)
20	Brushes	7	1	7	68	376	63,359	113,404	447,592	784,983	2,040,243	1,255,260
1	Candy and other confectionery products [a]	18	6	14	47	515	78,924	80,447	428,258	2,357,034	3,405,285	1,048,251
4	Canvas products (except bags)	7	3	8	76	153	27,931	57,065	108,079	300,976	938,706	637,730
6	Caskets, coffins, burial cases, and other morticians' goods	9		14	13	170	(4)	(4)	(4)	(4)	(4)	(4)
9	Chemicals not elsewhere classified	8	3	2	176	763	11,200	376,408	1,221,077	6,013,484	11,404,014	5,390,530
9	Cleaning and polishing preparations, blackings, and dressings	18	6	15	20	80	86,136	40,191	71,256	445,843	1,166,533	720,690
16	Communication equipment	4	...	10	60	188	52,917	75,946	172,442	161,639	976,506	814,867
9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	10	...	3	24	190	(4)	(4)	(4)	(4)	(4)	(4)
13	Concrete products	18	11	6	10	106	16,199	17,739	134,969	331,713	772,093	440,380
17	Construction and similar machinery (except mining and oil-field machinery and tools)	3	...	8	15	163	(4)	(4)	(4)	(4)	(4)	(4)
1	Creamery butter	3	..	...	11	53	...	18,330	77,397	1,223,899	1,382,589	158,690
1	Cured fish	3	2	2	...	8	3,900	...	5,539	59,093	75,531	16,438
20	Dental equipment and supplies	4	2	2	3	98	(4)	(4)	(4)	(4)	(4)	(4)
9	Drugs and medicines (including drug grinding)	20	2	28	43	218	(4)	(4)	(4)	(4)	(4)	(4)
16	Electrical appliances [b]	6	1	13	131	1,127	93,999	265,672	1,458,192	2,808,002	5,975,783	3,167,781
16	Electrical products not elsewhere classified	5	...	2	41	291	(4)	(4)	(4)	(4)	(4)	(4)
15	Electroplating, plating, and polishing [a]	30	21	22	33	437	63,897	63,977	513,751	376,889	1,491,831	1,114,942
8	Electrotyping and stereotyping, not done in printing establishments	13	2	13	109	222	108,620	237,027	572,811	423,878	2,751,927	2,328,049
14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	16	2	26	80	1,117	170,954	165,483	1,340,228	2,456,543	5,373,762	2,917,219
14	Enameling, japanning, and lacquering	4	2	3	6	51	7,300	9,404	43,335	52,760	150,358	97,598
8	Engraving (steel, copperplate, and wood); plate printing	7	2	8	13	61	48,218	20,043	99,062	84,857	330,012	245,155
7	Envelopes	3		9	26	180	(4)	(4)	(4)	(4)	(4)	(4)
20	Fabricated plastic products, not elsewhere classified	7	..	13	60	328	(4)	(4)	(4)	(4)	(4)	(4)
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills [a]	23	11	23	93	700	112,122	214,708	982,480	3,178,197	5,276,578	2,098,381
20	Feathers, plumes, and artificial flowers [a]	4	3	3	4	39	8,665	3,683	28,051	42,544	133,416	90,872
9	Fertilizers	3	...	1	15	120	4,435	39,147	146,875	1,177,965	1,623,997	446,032
1	Food preparations, not elsewhere classified	11	2	4	15	182	18,995	19,935	115,119	671,211	1,399,660	728,449
17	Food-products machinery	7	1	9	21	146	19,190	48,689	206,543	321,846	727,423	405,577
14	Forgings, iron and steel—made in plants not operated in connection with rolling mills	17	1	33	130	1,532	246,093	334,010	2,356,054	5,176,164	10,675,288	5,499,124
8	General commercial (job) printing	171	123	116	289	1,590	487,067	517,888	2,298,913	3,217,762	9,186,599	5,968,837
16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified [b]	25	2	45	519	1,693	290,724	1,011,803	2,431,505	9,928,109	19,775,870	9,847,761
14	Gray-iron and semisteel castings	21	3	24	109	2,862	149,362	323,123	3,919,722	3,271,662	9,139,193	5,867,531
20	Hand stamps, stencils, and brands	8	3	7	7	35	23,740	10,579	37,495	63,799	181,506	117,707
14	Hardware not elsewhere classified	8	1	10	114	771	54,005	224,747	852,792	943,503	2,671,176	1,727,673

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES, AND PERSONNEL STATISTICS FOR DAYTON: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
		CLEVELAND—Continued										
14	Heating and cooking apparatus, except electric, not elsewhere classified	4	4	5	8	20	(4)	(4)	(4)	(4)	(4)	(4)
4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	6	4	8	34	672	$74,666	$78,538	$383,692	$1,305,912	$2,318,831	$1,012,919
1	Ice cream and ices	23	2	21	17	169	81,748	22,122	197,212	1,588,704	3,125,751	1,537,047
1	Ice, manufactured	7	-------	-------	1	34	(4)	(4)	(4)	(4)	(4)	(4)
17	Industrial machinery, not elsewhere classified [b]	20	6	41	176	899	307,824	369,047	1,412,597	2,669,869	6,627,517	3,957,648
9	Insecticides, fungicides, and related industrial and household chemical compounds [b]	27	7	28	35	148	154,283	79,825	168,559	2,558,373	6,580,015	4,021,642
15	Jewelry (precious metals)	9	8	2	6	28	6,680	7,137	35,078	88,552	225,483	136,931
3	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	14	3	23	94	1,583	122,950	121,696	1,218,012	2,092,000	4,314,049	2,222,049
15	Lighting fixtures	23	17	20	191	1,457	205,573	380,809	1,665,358	4,437,602	9,707,800	5,270,198
1	Liquors, rectified or blended	4	-------	-------	3	12	-------	8,710	11,758	84,517	137,808	53,291
8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers) [a]	28	11	37	133	693	282,551	233,754	1,088,881	1,857,346	4,624,005	2,766,659
9	Lubricating oils and greases—not made in petroleum refineries [a]	13	-------	26	24	104	92,362	48,902	139,923	1,230,043	2,126,552	896,509
1	Macaroni, spaghetti, vermicelli, and noodles	13	8	7	6	93	12,475	6,143	68,729	358,562	572,779	214,217
8	Machine and hand typesetting (including advertisement typesetting)	15	9	15	30	107	75,589	48,393	202,552	36,215	516,364	480,149
17	Machine-shop products, not elsewhere classified	58	15	78	426	2,911	480,981	680,221	5,324,033	6,613,279	17,402,151	10,788,872
17	Machine-shop repairs [b]	23	13	20	26	216	53,534	49,779	248,091	205,873	738,751	532,878
17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	56	34	57	395	2,058	371,256	820,280	3,309,281	2,517,023	11,199,433	8,682,410
17	Machine tools [b]	15	3	19	610	3,182	147,232	1,081,675	5,461,186	5,336,062	21,281,767	15,945,705
1	Malt liquors	9	-------	26	52	757	261,916	117,970	1,292,841	2,676,657	10,180,935	7,504,278
6	Mattresses and bedsprings	7	5	9	15	137	35,427	19,253	152,036	451,811	915,798	463,987
1	Meat packing, wholesale	21	11	29	201	1,390	177,145	469,116	1,812,596	25,492,818	29,831,671	4,338,853
4	Men's and boys' hats and caps (except felt and straw)	6	4	3	5	30	8,190	5,688	23,733	49,979	98,522	48,543
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	10	7	5	3	135	7,235	2,131	97,005	31,997	192,111	160,114
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors [a]	15	4	31	242	4,973	380,733	484,918	6,379,838	13,221,321	27,897,633	14,676,312
13	Mirrors and other glass products made of purchased glass	6	4	-------	17	255	(4)	(4)	(4)	(4)	(4)	(4)
20	Miscellaneous fabricated products not elsewhere classified	3	3	2	-------	20	(4)	(4)	(4)	(4)	(4)	(4)
4	Miscellaneous fabricated textile products not elsewhere classified	4	-------	5	6	60	(4)	(4)	(4)	(4)	(4)	(4)
20	Models and patterns (except paper patterns) [a]	34	35	20	17	221	63,947	35,953	392,794	218,228	962,161	743,933
13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	12	2	15	11	115	(4)	(4)	(4)	(4)	(4)	(4)
18	Motor vehicles, motor-vehicle bodies, parts and accessories	26	2	50	1,609	8,343	491,178	3,525,460	13,892,113	50,340,315	89,642,863	39,302,548
8	Newspapers: publishing and printing	21	9	17	994	1,177	414,400	2,605,723	2,283,492	3,374,799	15,156,220	11,781,421
8	Newspapers: publishing without printing	7	3	3	41	4	5,260	64,305	3,853	62,058	194,777	132,719
1	Nonalcoholic beverages	26	17	19	31	184	94,943	47,429	239,140	1,454,860	3,482,894	2,028,034
15	Nonferrous-metal foundries (except aluminum)	20	7	19	38	374	99,967	79,842	472,870	984,322	1,990,106	1,005,784
15	Nonferrous-metal products not elsewhere classified [a]	19	11	29	396	2,571	358,078	897,984	4,289,746	6,033,943	15,490,513	9,456,570
10	Oven coke and coke-oven byproducts	3	-------	-------	72	538	-------	201,237	801,287	7,675,529	9,042,891	1,367,362
9	Paints, varnishes, and lacquers	45	7	62	315	1,444	572,508	726,055	2,079,600	12,243,010	26,473,528	14,230,518
7	Paperboard containers and boxes not elsewhere classified	17	1	20	137	843	138,460	283,913	971,384	3,631,061	6,116,700	2,485,639
10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	3	-------	2	13	74	(4)	(4)	(4)	(4)	(4)	(4)
9	Perfumes, cosmetics, and other toilet preparations	9	4	8	13	47	(4)	(4)	(4)	(4)	(4)	(4)

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES, AND PERSONNEL STATISTICS FOR DAYTON: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
						CLEVELAND—Continued						
8	Periodicals: publishing and printing	12	3	16	191	399	(4)	(4)	(4)	(4)	(4)	(4)
8	Periodicals: publishing without printing [5]	26	3	21	172	1	$143,737	$356,406	$1,486	$676,192	$1,818,956	$1,142,764
10	Petroleum refining	3			119	574	(4)	(4)	(4)	(4)	(4)	(4)
8	Photoengraving, not done in printing establishments (including preparation of plates)	15	2	35	43	198	118,963	84,091	479,857	115,690	1,062,274	946,584
5	Planing mills not operated in conjunction with sawmills	16	4	14	14	218	47,957	25,958	297,067	802,048	1,559,090	757,042
1	Poultry dressing and packing, wholesale [6]	8	5	7	3	33	25,338	3,655	37,219	764,818	914,484	149,666
14	Power boilers and associated products	6	1	10	28	127	(4)	(4)	(4)	(4)	(4)	(4)
9	Printing ink	6	1	6	13	54	52,100	42,528	75,018	337,336	819,564	482,228
17	Pumping equipment and air compressors	6	1	11	8	63	(4)	(4)	(4)	(4)	(4)	(4)
17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	3	.....	5	53	306	(4)	(4)	(4)	(4)	(4)	(4)
4	Robes, lounging garments, and dressing gowns	3	2	1	2	57	520	1,740	37,748	78,784	153,797	75,013
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments [6]	22	13	17	26	321	67,933	54,501	399,213	3,264,093	4,580,881	1,316,788
14	Screw-machine products and wood screws	18	2	33	94	1,262	233,575	215,128	1,855,280	2,646,111	6,640,917	3,994,806
15	Sheet-metal work not specifically classified [6]	34	21	36	51	443	188,222	99,361	565,492	1,184,405	2,739,839	1,555,434
20	Signs, advertising displays, and advertising novelties	34	15	34	28	342	163,789	45,273	442,770	571,537	1,736,864	1,165,327
17	Special-industry machinery, not elsewhere classified	3	1	.....	163	466	(4)	(4)	(4)	(4)	(4)	(4)
20	Sporting and athletic goods not elsewhere classified	4	4	1	.....	10	(4)	(4)	(4)	(4)	(4)	(4)
14	Stamped and pressed metal products (except automobile stampings) [5]	30	13	38	133	966	187,432	283,825	1,179,115	2,969,311	5,905,694	2,936,383
14	Steam fittings, regardless of material	10	2	14	122	813	(4)	(4)	(4)	(4)	(4)	(4)
14	Steel works and rolling mills	7	.....	4	749	8,148	(4)	(4)	(4)	(4)	(4)	(4)
12	Suitcases, brief cases, bags, trunks, and other luggage	6	3	4	2	59	15,480	5,540	64,689	126,269	272,386	146,117
20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	9	3	6	14	131	56,393	26,386	98,052	1,020,682	1,744,969	724,287
14	Tin cans and other tinware not elsewhere classified	3	.....	4	68	413	27,120	155,338	461,292	1,738,408	3,097,182	1,358,774
4	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories	4	6	.....	5	111	.....	8,145	84,683	37,335	231,249	193,914
6	Upholstered household furniture	16	2	15	64	600	68,222	93,596	760,901	1,605,072	3,216,356	1,611,284
6	Venetian blinds	4	.....	4	7	58	(4)	(4)	(4)	(4)	(4)	(4)
14	Vitreous-enameled products, including kitchen, household, and hospital utensils	3	.....	3	98	512	(4)	(4)	(4)	(4)	(4)	(4)
14	Wirework not elsewhere classified	23	7	38	107	1,208	(4)	(4)	(4)	(4)	(4)	(4)
16	Wiring devices and supplies	6	1	11	24	163	54,424	59,715	200,772	536,412	1,225,734	689,322
4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	9	5	15	33	839	150,246	66,364	919,497	1,808,129	3,879,493	2,071,364
6	Wooden boxes except cigar boxes [6]	10	1	12	14	260	42,080	19,672	250,839	425,318	910,645	485,327
6	Wood products not elsewhere classified [6]	8	5	3	3	34	7,000	3,816	35,340	53,835	155,882	102,047
3	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	3	.....	4	46	1,885	(4)	(4)	(4)	(4)	(4)	(4)
4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	6	3	5	12	188	26,580	15,448	141,201	532,634	881,757	349,123
	Other industries [5]	670	229	791	6,372	46,149	5,161,613	14,230,350	64,337,494	203,672,661	372,477,877	168,805,216
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	50	23	27	58	504	127,717	127,774	504,749	4,830,601	7,544,887	2,714,286
3	Textile-mill products and other fiber manufactures	18	6	26	113	2,813	179,043	208,169	2,626,238	8,661,253	14,319,328	5,658,075
4	Apparel and other finished products made from fabrics and similar materials	81	69	61	207	2,561	272,014	382,187	2,496,796	6,451,268	11,851,503	5,400,235
6	Furniture and finished lumber products	61	24	62	111	1,182	249,488	209,240	1,205,169	2,786,775	5,684,023	2,897,248
7	Paper and allied products	13	.....	26	53	535	223,491	120,697	582,247	1,530,579	3,316,935	1,786,356

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES, AND PERSONNEL STATISTICS FOR DAYTON: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
	OTHER INDUSTRIES, ETC. [5]—continued											
	CLEVELAND—Continued											
8	Printing, publishing, and allied industries	20	11	27	287	876	$206,653	$494,418	$1,308,313	$1,980,222	$6,112,356	$4,132,134
9	Chemicals and allied products	55	9	54	215	1,486	333,756	450,168	1,936,180	9,081,904	16,788,710	7,706,806
13	Stone, clay, and glass products	44	8	47	114	1,210	232,737	229,335	1,465,862	2,334,710	8,511,997	6,177,287
14	Iron and steel and their products, except machinery	112	20	172	2,136	17,516	1,259,490	5,086,041	26,829,136	84,965,883	144,459,464	59,493,581
16	Electrical machinery	23	7	23	626	3,897	219,188	1,469,242	5,412,368	13,976,058	33,453,121	19,477,063
17	Machinery (except electrical)	65	6	135	1,534	6,364	950,126	3,427,289	9,640,136	22,105,020	48,548,649	26,443,629
19	Transportation equipment except automobiles	14	2	21	202	1,960	208,804	502,536	3,009,679	7,487,211	13,689,056	6,201,845
20	Miscellaneous industries	55	21	59	141	1,381	311,643	284,956	1,727,599	3,612,203	8,294,444	4,682,241
10	Products of petroleum and coal	14	1	14	157	874						
11	Rubber products	7	3	10	39	346						
15	Nonferrous metals and their products	22	7	20	357	2,204	387,463	1,238,298	5,593,022	33,868,974	49,903,404	16,034,430
2	Tobacco manufactures	11										
5	Lumber and timber basic products	1	12	7	22	440						
12	Leather and leather products	4										
	COLUMBUS											
	All industries, total	465	238	440	3,094	21,752	$2,945,497	$5,708,863	$25,480,637	$76,557,165	$155,725,838	$79,168,673
8	Books: printing without publishing	3	1	6	14	73	33,188	26,854	119,392	171,776	434,534	262,758
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	45	42	9	83	1,476	(4)	(4)	(4)	(4)	(4)	(4)
1	Candy and other confectionery products	4	2	4	3	59	11,952	6,500	34,854	171,948	257,959	86,011
6	Caskets, coffins, burial cases, and other morticians' goods	9	4	15	63	530	110,817	152,564	639,555	1,440,218	3,355,086	1,914,868
9	Chemicals not elsewhere classified	4	4	-------	1	19	-------	1,800	19,085	28,242	94,016	65,774
9	Cleaning and polishing preparations, blackings, and dressings	5	2	4	2	22	10,289	2,860	17,640	112,062	260,596	148,534
9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	3	-------	-------	5	30	(4)	(4)	(4)	(4)	(4)	(4)
13	Concrete products	9	4	5	4	116	14,795	10,864	110,435	403,710	899,602	495,892
7	Converted paper products not elsewhere classified	3	-------	4	6	66	-------	14,714	64,508	186,005	363,015	177,010
1	Creamery butter	3	-------	-------	41	135	(4)	(4)	(4)	(4)	(4)	(4)
14	Doors, window sash, frames, molding, and trim (made of metal)	3	1	4	56	175	(4)	(4)	(4)	(4)	(4)	(4)
9	Drugs and medicines (including drug grinding)	8	8	7	41	112	111,333	62,235	119,422	467,870	1,935,131	1,467,261
8	Electrotyping and stereotyping, not done in printing establishments	3	3	2	5	29	(4)	(4)	(4)	(4)	(4)	(4)
14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	3	1	5	17	106	13,939	19,155	119,029	197,483	412,016	214,533
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	5	2	4	8	26	33,292	15,374	32,571	224,606	335,129	110,523
9	Fertilizers	4	1	6	21	172	(4)	(4)	(4)	(4)	(4)	(4)
1	Flavoring extracts and flavoring sirups, not elsewhere classified	4	1	1	8	14	1,300	9,570	11,468	101,975	190,414	88,439
1	Flour and other grain-mill products	4	5	4	3	39	(4)	(4)	(4)	(4)	(4)	(4)
12	Footwear (except rubber)	6	-------	10	223	3,523	115,970	351,268	3,335,996	4,494,995	10,651,939	6,156,944
14	Forgings, iron and steel—made in plants not operated in connection with rolling mills	3	-------	5	9	82	24,301	21,432	91,205	218,060	454,139	236,079
8	General commercial (job) printing	37	28	27	80	586	147,011	148,413	866,962	896,066	2,853,695	1,957,629
14	Gray-iron and semisteel castings	4	1	4	-------	94	(4)	(4)	(4)	(4)	(4)	(4)
14	Hardware not elsewhere classified	3	1	6	4	33	(4)	(4)	(4)	(4)	(4)	(4)
1	Ice cream and ices	9	6	3	8	144	7,900	14,224	171,317	1,359,145	2,277,098	917,953
1	Ice, manufactured	8	-------	2	2	35	(4)	(4)	(4)	(4)	(4)	(4)
9	Insecticides, fungicides, and related industrial and household chemical compounds	3	-------	2	-------	20	(4)	(4)	(4)	(4)	(4)	(4)
8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	3	3	-------	7	29	-------	13,321	29,821	51,540	136,006	84,466
9	Lubricating oils and greases—not made in petroleum refineries	4	3	4	3	21	(4)	(4)	(4)	(4)	(4)	(4)
17	Machine-shop products, not elsewhere classified	5	3	1	13	52	(4)	(4)	(4)	(4)	(4)	(4)
17	Machine-shop repairs	4	5	-------	1	15	-------	558	18,849	21,679	66,715	45,036

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES, AND PERSONNEL STATISTICS FOR DAYTON: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
	COLUMBUS—Continued											
17	Machine-tool and other metalworking-machinery accessories, metal-cutting and stamping tools, and machinists' precision tools	5	2	8	9	176	$58,395	$22,945	$261,612	$99,161	$498,556	$399,395
1	Malt liquors	3	.....	3	9	198	66,405	26,519	313,882	741,612	2,865,295	2,123,683
6	Mattresses and bedsprings	6	.....	7	10	83	21,944	16,755	73,650	216,831	427,838	211,007
1	Meat packing, wholesale	13	10	11	138	871	(4)	(4)	(4)	(4)	(4)	(4)
4	Men's and boys' suits, coats, and overcoats (except work clothing) made in inside factories or by jobbers engaging contractors	3	.....	5	57	493	(4)	(4)	(4)	(4)	(4)	(4)
20	Models and patterns (except paper patterns)	4	3	2	.....	17	3,800	.....	29,013	3,954	50,416	46,462
18	Motor vehicles, motor-vehicle bodies, parts and accessories	5	1	13	81	507	(4)	(4)	(4)	(4)	(4)	(4)
8	Newspapers: publishing and printing	5	2	7	532	431	100,407	823,771	910,551	1,338,056	5,266,357	3,928,301
1	Nonalcoholic beverages	12	2	12	17	125	40,731	32,608	112,520	793,043	1,995,818	1,202,775
15	Nonferrous-metal foundries (except aluminum)	3	5	1	11	79	(4)	(4)	(4)	(4)	(4)	(4)
9	Paints, varnishes, and lacquers	6	4	10	16	101	86,604	37,315	139,608	1,199,766	2,074,711	874,945
7	Paperboard containers and boxes not elsewhere classified	3		5	6	174	(4)	(4)	(4)	(4)	(4)	(4)
6	Partitions, shelving, cabinet work, and office and store fixtures	4	2	5	5	125	(4)	(4)	(4)	(4)	(4)	(4)
8	Periodicals: publishing and printing	6	2	11	64	152	85,528	134,510	219,600	329,143	1,726,053	1,396,910
8	Periodicals: publishing without printing	9	2	3	62	.....	7,900	78,745	.....	223,283	425,435	202,152
5	Planing mills not operated in conjunction with sawmills	9	3	3	10	74	12,720	18,731	87,635	270,976	497,184	226,208
13	Pottery products not elsewhere classified	3	.....	5	6	37	(4)	(4)	(4)	(4)	(4)	(4)
1	Poultry dressing and packing, wholesale	7	9	.....	2	21	(4)	(4)	(4)	(4)	(4)	(4)
14	Saws	3	1	6	18	167	(4)	(4)	(4)	(4)	(4)	(4)
15	Sheet-metal work not specifically classified	6	1	11	26	235	42,960	34,916	288,220	952,365	2,013,442	1,061,077
20	Signs, advertising displays, and advertising novelties	3	2	6	2	28	(4)	(4)	(4)	(4)	(4)	(4)
14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	6	4	4	49	264	9,160	105,428	300,863	762,596	1,847,789	1,085,193
6	Window shades	3	4	.....	.....	6	.....	.....	5,723	41,606	59,325	17,719
4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	4	2	3	5	84	(4)	(4)	(4)	(4)	(4)	(4)
	Other industries [5]	266	138	259	1,795	14,368	1,772,856	3,504,914	16,935,651	59,037,393	111,000,529	51,963,136
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]											
1	Food and kindred products	90	66	41	367	3,651	238,006	737,410	4,181,013	29,103,952	43,540,991	14,437,039
4	Apparel and other finished products made from fabrics and similar materials	16	5	21	74	1,037	113,041	132,042	891,314	2,057,216	3,774,648	1,717,432
6	Furniture and finished lumber products	17	9	12	38	383	75,718	75,681	465,564	1,108,851	2,278,501	1,169,650
7	Paper and allied products	7	.....	10	37	428	140,690	79,891	426,804	1,317,805	2,640,884	1,323,079
8	Printing, publishing, and allied industries	13	13	9	54	105	42,513	73,474	232,511	260,209	949,696	689,487
9	Chemicals and allied products	21	5	23	41	277	123,633	77,385	258,635	1,682,137	3,485,236	1,803,099
12	Leather and leather products	7	3	8	22	286	46,244	37,277	276,011	543,167	1,186,313	643,146
14	Iron and steel and their products, except machinery	28	6	44	328	2,539	295,437	602,556	2,792,410	4,507,557	10,988,169	6,480,612
15	Nonferrous metals and their products	11	14	2	14	108	5,710	26,410	96,692	110,854	315,632	204,778
16	Electrical machinery	3	1	4	4	20	7,942	6,744	16,968	50,637	159,714	109,077
17	Machinery (except electrical)	22	4	42	532	3,592	429,154	1,125,051	4,728,640	8,288,869	21,906,445	13,617,576
20	Miscellaneous industries	13	6	17	31	220	107,886	52,579	233,340	579,263	1,679,298	1,100,035
13	Stone, clay, and glass products	7	2	5	73	353						
18	Automobiles and automotive equipment	5	1	13	81	507						
2	Tobacco manufactures	2	.....	2	1	.....						
3	Textile-mill products and other fiber manufactures	1					146,882	478,414	2,335,749	9,426,876	18,095,002	8,668,126
5	Lumber and timber basic products	1	3	6	98	862						
10	Products of petroleum and coal	1										
19	Transportation equipment except automobiles	1										

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES, AND PERSONNEL STATISTICS FOR DAYTON: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
		DAYTON										
	All industries, total	415	181	476	5,148	31,388	(6)	(6)	(6)	(6)	(6)	(6)
		TOLEDO										
	All industries, total	456	209	476	3,919	27,872	$3,175,733	$8,290,849	$39,394,179	$112,853,578	$213,596,139	$100,742,561
16	Automotive electrical equipment	5	1	5	390	4,260	(4)	(4)	(4)	(4)	(4)	(4)
8	Bookbinding and related industries	3	5		1	25		950	22,469	13,732	68,245	54,513
8	Books: printing without publishing	4		8	11	46	38,145	17,845	71,387	130,524	303,831	173,307
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	48	39	12	68	1,017	66,875	136,542	1,450,331	2,889,115	6,533,009	3,643,894
1	Candy and other confectionery products	7	5	2	9	100	(4)	(4)	(4)	(4)	(4)	(4)
4	Canvas products (except bags)	4		5	19	427	(4)	(4)	(4)	(4)	(4)	(4)
9	Cleaning and polishing preparations, blackings, and dressings	4	5		6	5		8,422	2,469	18,677	69,169	50,492
9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	4		2	7	22	(4)	(4)	(4)	(4)	(4)	(4)
16	Electrical appliances	4	2	8	100	370	52,427	160,974	427,374	963,812	2,149,754	1,185,942
15	Electroplating, plating, and polishing	8	5	9	18	229	29,920	34,069	307,470	158,056	685,632	527,576
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	3		6	17	66	30,500	31,175	108,887	207,298	488,402	281,104
8	General commercial (job) printing [b]	33	42	12	33	199	29,547	42,076	279,197	335,957	966,551	630,594
16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	3		9	6	51	34,319	7,483	81,039	204,673	378,782	174,109
1	Ice cream and ices	8	2	2	6	47	2,671	8,764	53,436	505,239	1,013,382	508,143
1	Ice, manufactured	7	1	2	6	39	3,983	11,909	43,581	77,265	400,973	323,708
17	Industrial machinery, not elsewhere classified	3		9	45	182	(4)	(4)	(4)	(4)	(4)	(4)
8	Machine and hand typesetting (including advertisement typesetting)	4	2	3	2	24	8,606	3,172	36,750	15,237	84,325	69,088
17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	14	6	15	53	474	124,602	144,883	986,790	1,010,104	3,725,006	2,714,902
17	Metalworking machinery and equipment, not elsewhere classified	4		9	90	874	88,050	201,411	1,518,203	1,503,216	3,971,259	2,468,043
13	Mirrors and other glass products made of purchased glass	3		3	89	1,025	(4)	(4)	(4)	(4)	(4)	(4)
20	Models and patterns (except paper patterns)	6	5	[illegible]	19	134	29,173	39,839	230,446	99,247	511,446	412,199
18	Motor vehicles, motor-vehicle bodies, parts and accessories [a]	8		20	641	3,948	388,460	1,324,186	5,694,025	15,664,429	26,853,036	11,188,607
8	Newspapers: publishing and printing	6	2	12	198	347	(4)	(4)	(4)	(4)	(4)	(4)
1	Nonalcoholic beverages	10	4	3	12	63	21,034	32,368	81,252	443,271	1,058,831	615,560
15	Nonferrous-metal foundries (except aluminum)	4	8		2	15		2,840	18,517	81,865	151,577	69,712
15	Nonferrous-metal products not elsewhere classified	4	1	8	218	1,717	127,957	462,885	3,163,284	4,727,177	9,008,018	4,280,841
9	Paints, varnishes, and lacquers	6		6	85	193	(4)	(4)	(4)	(4)	(4)	(4)
6	Partitions, shelving, cabinet work, and office and store fixtures	4	3	4	6	41	9,619	10,487	47,639	78,347	180,959	102,612
8	Periodicals: publishing and printing	3	2		10	21		9,975	38,642	30,996	103,520	72,524
8	Periodicals: publishing without printing	3	2		10			13,323		46,223	94,541	48,318
8	Photoengraving, not done in printing establishments (including preparation of plates)	4	6	5	7	31	50,394	9,860	83,534	35,174	267,753	232,579
1	Pickled fruits and vegetables and vegetable sauces and seasonings	3		3	8	155	(4)	(4)	(4)	(4)	(4)	(4)
5	Planing mills not operated in conjunction with sawmills	5	3	5	7	60	11,340	12,145	82,970	224,741	392,596	167,855
11	Rubber products not elsewhere classified	4	1	8	22	169	64,463	39,747	218,323	949,757	1,687,323	737,566
15	Sheet-metal work not specifically classified	5	3	6	3	23	9,880	3,592	29,735	58,653	123,133	64,480
20	Signs, advertising displays, and advertising novelties	6	5		5	32		6,644	33,072	39,082	129,820	90,738
9	Soybean oil, cake, and meal	3		3	12	102	14,200	17,868	140,226	1,449,278	1,993,141	543,863
14	Stamped and pressed metal products (except automobile stampings) [a]	9	1	16	44	427	136,052	103,260	611,188	1,117,839	2,565,440	1,447,601
14	Wirework not elsewhere classified	3	2	2	7	36	(4)	(4)	(4)	(4)	(4)	(4)
6	Wood preserving	3		4	26	181	(4)	(4)	(4)	(4)	(4)	(4)
4	Work gloves and mittens: cloth, cloth and leather combined	6	5	2	23	650	10,280	29,087	420,023	836,503	1,598,315	761,812

See footnotes at end of table.

TABLE 10. GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES, AND PERSONNEL STATISTICS FOR DAYTON: 1939—Continued

Group No.	Industry	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
	TOLEDO—Continued											
	Other industries [4]	229	53	295	2,490	17,144	$1,824,236	$5,412,950	$23,360,872	$79,684,869	$147,291,457	$67,606,588
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	33	12	29	155	1,106	186,932	306,222	1,366,320	14,290,487	19,034,328	4,743,841
4	Apparel and other finished products made from fabrics and similar materials	16	5	22	60	818	89,464	104,086	808,838	2,912,962	5,183,909	2,270,947
6	Furniture and finished lumber products	16	1	21	52	447	91,921	83,842	500,474	2,030,087	3,163,442	1,133,355
7	Paper and allied products	10	2	15	48	481	99,682	87,105	546,338	1,616,465	3,175,227	1,558,762
8	Printing, publishing, and allied industries	12	3	20	224	442	185,746	495,498	782,147	1,313,069	4,845,236	3,532,167
9	Chemicals and allied products	18	1	26	147	397	166,020	328,242	662,931	3,952,031	9,197,809	5,245,778
13	Stone, clay, and glass products	13	5	12	323	2,419	71,119	652,026	3,329,581	7,868,661	12,370,875	4,502,214
14	Iron and steel and their products, except machinery	34	5	45	292	2,156	255,795	663,045	2,994,956	7,851,078	14,608,722	6,757,644
15	Nonferrous metals and their products	5		7	8	69	32,932	20,683	88,505	189,795	411,508	221,713
17	Machinery (except electrical)	32	11	56	477	1,990	473,381	1,124,563	2,917,931	6,363,227	15,945,556	9,582,329
19	Transportation equipment except automobiles	4		12	22	191	51,708	54,609	324,433	312,480	856,602	544,122
20	Miscellaneous industries	13	5	15	78	1,098	71,109	142,557	1,294,323	2,430,650	5,137,819	2,707,169
3	Textile-mill products and other fiber manufactures	3		1	33	383						
10	Products of petroleum and coal	5		1	151	651						
16	Electrical machinery	10	2	7	396	4,292	48,427	1,350,472	7,744,095	28,553,877	53,360,424	24,806,547
2	Tobacco manufactures	2										
5	Lumber and timber basic products	1	1	6	24	204						
12	Leather and leather products	2										
	YOUNGSTOWN											
	All industries, total	144	81	99	1,823	19,417	$585,751	$4,486,731	$28,564,765	$130,985,455	$188,719,969	$57,734,514
14	Blast-furnace products	3			144	1,219	(4)	(4)	(4)	(4)	(4)	(4)
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	31	39	4	57	646	27,900	121,796	951,179	1,707,385	3,827,366	2,119,981
13	Concrete products	5	3	2	3	28	(4)	(4)	(4)	(4)	(4)	(4)
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	4	1	2	52	1,350	(4)	(4)	(4)	(4)	(4)	(4)
8	General commercial (job) printing	7	4	9	5	52	21,011	11,084	83,140	68,027	270,281	202,254
14	Gray-iron and semisteel castings	3		3	6	114	(4)	(4)	(4)	(4)	(4)	(4)
1	Ice cream and ices	3		2	33	102	(4)	(4)	(4)	(4)	(4)	(4)
1	Nonalcoholic beverages	5	6	2	10	32	5,369	15,450	35,206	310,457	791,676	481,219
14	Power boilers and associated products	3	1	6	19	145	(4)	(4)	(4)	(4)	(4)	(4)
1	Sausages, prepared meats, and other meat products not made in meat-packing establishments	3			3	26		6,130	30,692	367,605	485,068	117,463
14	Steel works and rolling mills	4			715	10,371		1,894,454	15,232,189	59,138,365	82,786,797	23,648,432
	Other industries [5]	94	32	84	1,033	8,290	531,471	2,437,817	12,232,359	69,393,616	100,558,781	31,165,165
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	14	5	9	53	270	43,730	89,326	468,386	2,346,046	4,846,487	2,500,441
4	Apparel and other finished products made from fabrics and similar materials	4		8	19	419	34,836	28,546	241,596	820,365	1,359,999	539,634
9	Chemicals and allied products	8	2	5	24	115	16,830	42,987	166,122	976,348	2,092,357	1,116,009
13	Stone, clay, and glass products	11	3	5	11	154	12,256	20,383	138,922	574,240	1,221,574	647,334
14	Iron and steel and their products, except machinery	17	2	19	242	3,313	114,320	627,554	5,105,976	48,424,155	56,770,357	8,346,202
15	Nonferrous metals and their products	5	2	3	12	90	11,448	21,816	106,110	657,365	965,513	308,148
17	Machinery (except electrical)	5	1	3	177	772	26,610	528,133	1,273,745	2,562,149	6,836,880	4,274,731
20	Miscellaneous industries	7	8		2	21		3,507	30,206	25,400	100,404	75,004
6	Furniture and finished lumber products	5	3	12	137	1,317						
8	Printing, publishing, and allied industries	8	3	11	133	217						
10	Products of petroleum and coal	3			33	366	271,441	1,075,565	4,701,296	13,007,548	26,365,210	13,357,662
16	Electrical machinery	4	2	4	58	592						
5	Lumber and timber basic products	1										
11	Rubber products	1	1	5	132	644						
12	Leather and leather products	1										

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries, and are also included in the "Other industries" figures, the sums of these figures are larger than the corresponding totals shown for "All industries."

[1] Figures do not include data for personnel of central-administrative offices.

[2] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

[4] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.

[5] For number of establishments and of wage earners in individual industries, see table 12.

[6] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments.

[a] and [b] To avoid disclosing exact or approximate data for individual establishments, the data for certain establishments located outside the cities have been included in the figures for the industries to which these footnotes are indexed. Data for these establishments are not, however, included in the totals for the cities.

[a] 1 establishment. [b] 2 establishments.

TABLE 11.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939

COUNTY	Total	INDUSTRY GROUP																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
The State	10,070	2,709	45	84	384	251	445	196	1,409	572	74	100	108	602	946	416	203	902	102	53	469
Adams	10	4			1	1			3												1
Allen	92	36	2	2	2	4	6		10	2	2	2		2	5	2	4	4	2	1	4
Ashland	46	17			1	1			7	2		4		2	2	2		6	1		1
Ashtabula	80	35			2	2	5	2	11			1	4	3	6		1	5		1	2
Athens	24	10			1				7				1	2				3			
Auglaize	57	22	1	2		2	5	1	6	2		2	1	3	1			7			2
Belmont	59	24	3		2	1	2	1	7	1	1			4	9	2		2			
Brown	15	5			1	3			2				2	1	1						
Butler	130	34	1	1	1	4	1	16	18	2	1			7	19	4	1	15	1		4
Carroll	17	3						1	2			1		8	1		1				
Champaign	26	12				1		2	3				1		1	2		3			1
Clark	157	32			3	2	8	3	20	6		2	3	9	17	5	2	26	3		16
Clermont	24	6		1	1		3		3		2	1	1	2	1			2			1
Clinton	23	5			1	1			2	1				1	7	1		4			
Columbiana	125	28			1	5	8	2	17	2		1		26	15	2	2	12	1		3
Coshocton	45	15		1	3	1	1	3	7			1	3	2	4			1			3
Crawford	69	19			8	2	8		6			1		2	5	5	2	8	3		
Cuyahoga	2,576	515	11	32	150	21	114	33	388	189	18	8	10	77	294	164	79	273	29	14	157
Darke	57	23	2		3	5	2		6	4		1		5	4			1			1
Defiance	42	19					2		4	2					9	1	1	2	1		1
Delaware	28	9			1	2	3		4			1		3	3			1			1
Erie	87	32				1	5	7	11	2	1	1		7	6	2	1	6		3	2
Fairfield	48	23						1	5				3	7	1		1	5			2
Fayette	25	13			1	3	2		2	1			1			2					
Franklin	521	135	2	1	16	14	38	11	83	50	1		13	23	52	18	4	35	5	2	18
Fulton	30	12					6		5	2						1		3			1
Gallia	14	5				1	2		3						2						1
Geauga	16	2			1	6			4	1		2									
Greene	29	9		3					9	2			1	3	1						1
Guernsey	33	13			1	3	5		3	1				4				1			2
Hamilton	1,525	364	12	17	110	17	73	36	237	112	8	5	34	54	96	87	25	131	14	3	90
Hancock	48	18	1		1	2			5	4	1	2		2	3			6			3
Hardin	33	11				3			4	4	2			1		3		2			3
Harrison	14	4				3		1	2					2		1		1			
Henry	30	15				2			4	1				2	1	1		4			
Highland	31	16		1	1		2		4				2	1	3			1			
Hocking	20	10					1		2				1	5	1						
Holmes	21	14				2			1					3	1						
Huron	56	18	1		3		6		13	1		2		3	2	1		3			3
Jackson	28	10			1		1		2			1		6	4			3			
Jefferson	55	18						3	5	1				14	9		2	2			1
Knox	34	12				5	1		5	1				3	3	2	1	1			
Lake	51	12				2	4		7	8	1	2		4	3	3		5			
Lawrence	37	11				3			3	1	2		1	9	4		1	1	1		
Licking	67	23	1	1	1	2	2		10	6	2	1	1	8	4			3		1	1
Logan	32	18				1	1		5	1					2			1	2		1
Lorain	123	31		4	3	6	2		16	7	1			7	23	5	2	8	1	3	4
Lucas	499	116	2	3	22	6	20	11	69	28	10	4	2	16	52	27	17	55	8	5	26
Madison	15	5				2	1		3					2				1			1
Mahoning	210	70			4	6	11	1	20	8	5	1	1	25	31	5	4	9	1	1	7
Marion	52	17	1		1		2		5	1	1			3	8	2		7	2	1	1
Medina	37	11			1	4	4		7	3				2	3			1	1		
Meigs	14	8							3	2					1						
Mercer	37	17			1	2	3		7	3			1	1		1		1			
Miami	90	33		4	1	6	7	6	9	3				2	2	2	1	7	2	2	3
Monroe	6	4							2												
Montgomery	461	108		1	11	5	18	18	66	29		3	2	12	36	16	9	76	11	8	32
Morgan	14	7	1			3			2									1			
Morrow	12	5				1			3					1				2			
Muskingum	73	24		1		3	2	3	9	3			3	16	4		1	2			2
Noble	8	4	1			1			1					1							
Ottawa	33	14				1	2	1	3					8				2	1	1	
Paulding	10	5							2					3							
Perry	28	7				2			4					13				2			
Pickaway	22	13			1	1		1	2	1											3
Pike	9	1				7			1												
Portage	60	13		2	1	1	7	1	5	1		7		6	6	1	2	5	1		1
Preble	26	13			1	1	1		3	2				3				2			
Putnam	24	12							6					5							1
Richland	109	34		1	2	7	4	2	13	1		2		7	10	6	6	9	1	2	2
Ross	27	10				3	2	3	3	1	1		1	3							
Sandusky	78	23			3	2	1	1	7	2		1		13	13		3	5	1		3
Scioto	54	24		1			2	1	5	2	1		4	10	4						
Seneca	74	23				1	2		10	5		1		9	6	2	5	7			3
Shelby	41	13	1			4		1	2				2	1	1	5		8	1		2
Stark	328	85	1		8	10	5	5	39	17	4	9	1	24	50	9	8	37		1	15
Summit	341	87		1	3	8	11	8	56	14	2	28	2	19	31	10	3	34	2	3	19
Trumbull	141	32			2	8	3		14	2	2	1	1	7	40	6	8	9		1	5
Tuscarawas	107	37	1			6			8	2	1			34	8	2	4	3			1
Union	14	6				1	1		2					2	2						
Van Wert	28	10			1	1		1	3	2	1			5	2			2			
Vinton	12	1				7			2	1				1							
Warren	29	8		1				6	5	4	2		1		1			1			
Washington	39	12				1	5		4	6			2	2	1	1		4			1
Wayne	72	22		2		3	4	2	7	4		1	1	6	4	3	1	6	2		1
Williams	50	21		1		2	6		5	2				1	2	1	1	2	3		3
Wood	53	25						1	6	3	1		1	7	2	1		3	1		2
Wyandot	23	7				1	2		3	1				5	1			2			1

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE AKRON, CINCINNATI, CLEVELAND, DAYTON, TOLEDO, WHEELING, AND YOUNGSTOWN INDUSTRIAL AREAS, AND FOR AKRON, CANTON, CINCINNATI, CLEVELAND, COLUMBUS, TOLEDO, AND YOUNGSTOWN: 1939

[In order to avoid disclosing data for individual establishments, wage-earner figures for industries represented by fewer than three establishments are withheld]

Group No.[1]	TITLE	Number of establishments	Wage earners
	STATE OF OHIO		
1	Baking powder, yeast, and other leavening compounds	1	.....
	Blended and prepared flour made from purchased flour	2	.....
	Cereal preparations	1	..
	Cooking and other edible fats and oils, not elsewhere classified	2	..
	Corn sirup, corn sugar, corn oil, and starch	1	
	Liquors, distilled	3	213
	Liquors, rectified or blended	11	226
	Salad dressings	3	25
	Sausage casings—not made in meat-packing establishments	2	.
	Vinegar and cider	2	..
2	Cigars	31	2,171
	Tobacco (chewing and smoking) and snuff	14	1,271
3	Artificial leather and oilcloth	3	758
	Batting, padding, and wadding; upholstery filling	4	288
	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	1	
	Cordage and twine	3	346
	Cotton broad woven goods	2	...
	Cotton thread	2	
	Dyeing and finishing cotton, rayon, silk, and linen textiles	3	360
	Dyeing and finishing woolen and worsted	1	.....
	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	2	.....
	Hosiery—full-fashioned	2	.....
	Knitted cloth	3	315
	Knitted gloves	1	.....
	Knitted underwear	2	.....
	Lace goods	1	.....
	Linoleum, asphalted-felt-base, and other hard-surface floor coverings, not elsewhere classified	1	.....
	Rayon narrow fabrics	1	.....
	Woolen and worsted manufactures—contract factories	1	..
4	Belts (apparel), regardless of material	2	.....
	Children's dresses—made in inside factories or by jobbers engaging contractors	1	.
	Clothing, leather and sheep-lined	3	235
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	4	30
	Embroideries: Schiffli-machine products	2	..
	Men's and boys' underwear—made in inside factories or by jobbers engaging contractors	2	..
	Raincoats and other waterproof garments (except oiled cotton)	4	260
	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	1	.....
	Women's, children's, and infants' underwear and nightwear of knitted fabrics	1	.....
	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics	3	70
	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	3	41
5	Logging camps and logging contractors (not operating sawmills)	1	.....
6	Lasts and related products	2	...
	Mirror frames and picture frames	4	137
	Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets	2	. .
7	Pulp goods (pressed, molded)	1	.....
	Pulp mills	2	.....
8	Gravure, rotogravure, and rotary photogravure (including preparation of plates)	1	.....
9	Ammunition	2	.....
	Candles	2	...
	Coal-tar products, crude and intermediate	4	66
	Colors and pigments	3	37
	Glue and gelatin	1	.....
	Linseed oil, cake, and meal	1	.....
	Perfumes, cosmetics, and other toilet preparations	17	701
	Plastic materials	1	..
	Rayon and allied products	2	
	Soap and glycerin	23	1,691
11	Reclaimed rubber	2	.
12	Leather gloves and mittens	2	
	Saddlery, harness, and whips	9	...
13	Asbestos products (except steam packing and pipe and boiler covering)	5	415
	China firing and decorating (for the trade)	1	.....
	Flat glass	4	2,182
	Gypsum products	5	451
	Roofing tile	1	
	Vitreous-china plumbing fixtures	3	469
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	5	97
	STATE OF OHIO—Continued		
14	Files	3	762
	Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills	2	.....
	Oil burners, domestic and industrial	2	.....
	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	2	.....
	Steam and hot-water heating apparatus (including hot-water furnaces)	1	.....
15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	22	1,684
	Clocks, watches, and materials and parts (except watchcases)	5	182
	Lapidary work	1	.....
	Primary smelting and refining of nonferrous metals	1	.....
	Secondary smelting and refining, gold, silver, and platinum	3	7
	Watchcases	1	.....
16	Automotive electrical equipment	16	4,879
	Electrical products not elsewhere classified	18	877
	Electric lamps	8	.....
	Insulated wire and cable	2	.....
17	Commercial laundry, dry-cleaning, and pressing machinery	4	349
	Laundry equipment, domestic	6	1,239
	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	5	291
	Mechanical power-transmission equipment	24	5,606
	Mining machinery and equipment	7	1,528
	Office and store machines not elsewhere classified	9	6,116
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	17	9,831
	Sewing machines, domestic and industrial	1	.....
	Steam engines, turbines, and water wheels	1	.....
	Textile machinery	2	.....
	Tractors	3	571
18	Automobile trailers (for attachment to passenger cars)	1	.....
19	Locomotives (including frames) and parts: railroad, mining, and industrial	3	835
20	Beauty-shop and barber-shop equipment	3	87
	Carbon paper and inked ribbons	4	100
	Children's vehicles	5	744
	Costume jewelry and costume novelties (jewelry other than fine jewelry)	2	.....
	Fire extinguishers, chemical	4	88
	Hair work	2	.....
	Jewelry cases and instrument cases	2	.....
	Lamp shades	2	.....
	Musical instruments, parts, and materials not elsewhere classified	4	338
	Needles, pins, hooks and eyes, and slide and snap fasteners	1	.....
	Pencils (except mechanical) and crayons	1	.....
	Pens, mechanical pencils, and pen points	2	.....
	Piano and organ parts and materials	3	153
	Pianos	1	.....
	Soda fountains, beer dispensing equipment, and related products	2	.....
	Surgical and medical instruments	1	.....
	Tobacco pipes and cigarette holders	1	.....
	Umbrellas, parasols, and canes	2	.....
	Wool pulling	1	.....
	AKRON INDUSTRIAL AREA		
1	Candy and other confectionery products	4	31
	Cereal preparations	1	.....
	Cheese	1	.....
	Condensed and evaporated milk	2	.....
	Creamery butter	1	.....
	Flavoring extracts and flavoring sirups, not elsewhere classified	2	..
	Flour and other grain-mill products	2	.....
	Liquors, rectified or blended	1	.....
	Macaroni, spaghetti, vermicelli, and noodles	1	.....
	Meat packing, wholesale	3	64
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	1	.....
	Special dairy products	1	.....
3	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	1	.....
4	Canvas products (except bags)	2	.....
	Miscellaneous fabricated textile products not elsewhere classified	1	.....
5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	1	.....

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE AKRON, CINCINNATI, CLEVELAND, DAYTON, TOLEDO, WHEELING, AND YOUNGSTOWN INDUSTRIAL AREAS, AND FOR AKRON, CANTON, CINCINNATI, CLEVELAND, COLUMBUS, TOLEDO, AND YOUNGSTOWN: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	AKRON INDUSTRIAL AREA—Continued		
6	Cooperage	2	
	Household furniture, except upholstered	2	
	Matches	2	
	Mattresses and bedsprings	1	
	Upholstered household furniture	1	
	Venetian blinds	2	
	Wood products not elsewhere classified	1	
7	Envelopes	1	
	Paper and paperboard mills	4	205
	Paper bags, except those made in paper mills	1	
	Paperboard containers and boxes not elsewhere classified	2	
8	Bookbinding and related industries	1	
	Books: printing without publishing	1	
	Books: publishing and printing	1	
	Books: publishing without printing	1	
	Electrotyping and stereotyping, not done in printing establishments	1	
	Engraving (steel, copperplate, and wood); plate printing	2	
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	2	
	Machine and hand typesetting (including advertisement typesetting)	2	
	Newspapers: publishing and printing	9	175
	Periodicals: publishing and printing	2	
	Periodicals: publishing without printing	2	
9	Chemicals not elsewhere classified	3	932
	Cleaning and polishing preparations, blackings, and dressings	2	
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	1	
	Fireworks	2	
	Grease and tallow (except lubricating greases)	2	
	Paints, varnishes, and lacquers	2	
	Printing ink	1	
	Salt	1	
10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	2	
11	Reclaimed rubber	1	
12	Industrial leather belting and packing leather	1	
	Suitcases, brief cases, bags, trunks, and other luggage	1	
13	Brick and hollow structural tile	3	66
	Concrete products	2	
	Minerals and earths, ground or otherwise treated	2	
	Mirrors and other glass products made of purchased glass	1	
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	1	
	Porcelain electrical supplies	3	460
	Pottery products not elsewhere classified	2	
	Sewer pipe and kindred products	2	
	Statuary and art goods (except stone and concrete)—factory production	1	
	Steam and other packing; pipe and boiler covering	2	
14	Automobile stampings	1	
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	1	
	Heating and cooking apparatus, except electric, not elsewhere classified	1	
	Power boilers and associated products	3	1,636
	Screw-machine products and wood screws	2	
	Steam fittings, regardless of material	1	
	Steel castings	2	
	Steel works and rolling mills	1	
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	2	
	Tools (except edge tools, machine tools, files, and saws)	3	71
	Wirework, not elsewhere classified	2	
15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	1	
	Electroplating, plating, and polishing	1	
	Lighting fixtures	1	
	Nonferrous-metal products not elsewhere classified	1	
	Sheet-metal work not specifically classified	3	33
16	Batteries, storage and primary (dry and wet)	1	
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	1	
	X-ray and therapeutic apparatus and electronic tubes	1	
17	Machine-shop repairs	2	
	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	3	122
	AKRON INDUSTRIAL AREA—Continued		
17	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	1	
	Mechanical power-transmission equipment	1	
	Metalworking machinery and equipment, not elsewhere classified	1	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	2	
19	Aircraft and parts, including aircraft engines	3	78
20	Dental equipment and supplies	1	
	Fabricated plastic products, not elsewhere classified	1	
	Games and toys (except dolls and children's vehicles)	1	
	Hand stamps, stencils, and brands	2	
	Miscellaneous fabricated products not elsewhere classified	2	
	Models and patterns (except paper patterns)	3	186
	Signs, advertising displays, and advertising novelties	4	38
	Sporting and athletic goods not elsewhere classified	3	301
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	2	
	CINCINNATI INDUSTRIAL AREA		
1	Baking powder, yeast, and other leavening compounds	1	
	Biscuit, crackers, and pretzels	7	469
	Canned and dried fruits and vegetables (including canned soups)	6	140
	Chewing gum	1	
	Cooking and other edible fats and oils, not elsewhere classified	1	
	Liquors, distilled	2	
	Liquors, rectified or blended	6	
	Macaroni, spaghetti, vermicelli, and noodles	1	
	Oleomargarine—not made in meat-packing establishments	2	
	Salad dressings	1	
	Sausage casings—not made in meat-packing establishments	2	
	Special dairy products	1	
	Vinegar and cider	2	
	Wines	3	16
2	Cigars	7	266
	Tobacco (chewing and smoking) and snuff	8	1,085
3	Batting, padding, and wadding; upholstery filling	2	
	Cloth sponging and miscellaneous special finishing	5	
	Cotton thread	2	
	Dyeing and finishing cotton, rayon, silk, and linen textiles	1	
	Hosiery—seamless	1	
	Knitted cloth	1	
	Linoleum, asphalted-felt-base, and other hard-surface floor coverings, not elsewhere classified	1	
	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	2	
	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	1	
4	Belts (apparel), regardless of material	1	
	Canvas products (except bags)	4	26
	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	6	
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	2	
	Embroideries, other than Schiffli-machine products—contract factories	2	
	Embroideries, other than Schiffli-machine products—made in regular factories or by jobbers engaging contractors	2	
	Fur coats and other fur garments, accessories, and trimmings	2	
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	6	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	21	
	Men's neckwear—made in inside factories or by jobbers engaging contractors	3	
	Millinery	2	
	Suspenders, garters, and other goods made from purchased elastic material	1	
	Textile bags—not made in textile mills	3	58
	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	2	
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	2	

See footnote at end of table.

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Group No.	TITLE	Number of establishments	Wage earners
	CINCINNATI INDUSTRIAL AREA—Continued		
6	Cigar boxes, wooden, part wooden	2	
	Lasts and related products	1	--
	Matches	1	
	Mirror frames and picture frames	1	
	Office furniture	1	
	Partitions, shelving, cabinet work, and office and store fixtures	7	64
	Venetian blinds	2	
	Window and door screens and weather strip	2	
	Window shades	5	423
	Wood preserving	2	
7	Coated and glazed paper	4	92
	Converted paper products not elsewhere classified	4	684
	Deseut paper and paperboard, and converted cardboard	2	--
	Envelopes	2	.
8	Books, publishing and printing	2	
	Books, publishing without printing	3	
	Greeting cards (except hand-painted)	2	
9	Cleaning and polishing preparations, blacking, and dressings	13	67
	Coal-tar products, crude and intermediate	1	
	Colors and pigments	1	.
	Drugs and medicines (including drug grinding)	13	
	Fireworks	1	.
	Grease and tallow (except lubricating greases)	5	234
	Lubricating oils and greases (not made in petroleum refineries)	2	
	Mucilage, paste, and other adhesives, except glue and rubber cement	2	. .
	Perfumes, cosmetics, and other toilet preparations	3	
	Soap and glycerin	9	
	Soybean oil, cake, and meal	1	
10	Fuel briquets	1	. .
	Oven coke and coke-oven byproducts	1	.. ...
	Petroleum refining	2	
	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	1	
11	Rubber products not elsewhere classified	5	98
12	Leather goods not elsewhere classified	3	
	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	2	. .
	Saddlery, harness, and whips	3	15
	Suitcases, brief cases, bags, trunks, and other luggage	4	. .
13	Abrasive wheels, stones, paper, cloth, and related products	2	
	Asbestos products (except steam packing and pipe and boiler covering)	1	
	Brick and hollow structural tile	3	56
	Clay refractories, including refractory cement (clay)	1	. . . .
	Floor and wall tile (except quarry tile)	2	
	Pottery products not elsewhere classified	1	. .
	Statuary and art goods (except stone and concrete)—factory production	1	.
	Steam and other packing; pipe and boiler covering	2	
	Vitreous-china plumbing fixtures	1	
14	Automobile stampings	1	. . ..
	Blast-furnace products	1	. . ...
	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	1	. . .
	Cast-iron pipe and fittings	1	. . . .
	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	1	.
	Enameling, japanning, and lacquering	3	..
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	1	..
	Heating and cooking apparatus, except electric, not elsewhere classified	2	.
	Malleable-iron castings	2	
	Safes and vaults	4	374
	Saws	2	. . . .
	Screw-machine products and wood screws	4	65
	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	1	.. . .
	Steam fittings, regardless of material	2	.
	Steel barrels, kegs, and drums	1	...
	Steel castings	2	.. .
	Steel works and rolling mills	2	.....
	Tools (except edge tools, machine tools, files, and saws)	2	....
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	2	. ..
	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	4	64
	Clocks, watches, and materials and parts (except watchcases)	3	
	CINCINNATI INDUSTRIAL AREA—Continued		
15	Engraving on metal (except for printing purposes)	2	. .
	Lapidary work	1	. .
	Lighting fixtures	4	1,159
	Secondary smelting and refining, gold, silver, and platinum	2	
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	3	.
	Tin and other foils (except gold and silver foil)	1	
	Watchcases	2	
16	Batteries, storage and primary (dry and wet)	3	52
	Electrical appliances	2	. .
	Electrical measuring instruments	1	.
	Radios, radio tubes, and phonographs	2	. . . .
	X-ray and therapeutic apparatus and electronic tubes	3	. . ...
17	Cars and trucks, industrial	2	.
	Commercial laundry, dry-cleaning, and pressing machinery	1	.
	Construction and similar machinery (except mining and oil-field machinery and tools)	2	...
	Laundry equipment, domestic	1	.
	Measuring and dispensing pumps	3	170
	Mechanical power-transmission equipment	3	231
	Mining machinery and equipment	1	... . .
	Office and store machines not elsewhere classified	3	143
	Paper-mill, pulp-mill, and paper-products machinery	2	.....
	Printing-trades machinery and equipment	4	.....
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	4	483
	Special-industry machinery, not elsewhere classified	3	140
	Stokers, mechanical, domestic and industrial	1	. . .
19	Aircraft and parts, including aircraft engines	3	113
20	Artists' materials	2	..
	Beauty-shop and barber-shop equipment	2	
	Brooms	3	36
	Brushes	6	49
	Carbon paper and inked ribbons	2	. .....
	Children's vehicles	1	... ..
	Costume jewelry and costume novelties (jewelry other than fine jewelry)	1	.
	Dental equipment and supplies	1	... .
	Fabricated plastic products, not elsewhere classified	6	605
	Fire extinguishers, chemical	2	.. ....
	Games and toys (except dolls and children's vehicles)	1	.
	Hair work	1	. .
	Jewelry cases and instrument cases	1	. ...
	Ophthalmic goods: lenses and fittings	1	...
	Pens, mechanical pencils, and pen points	2	. .
	Pianos	1	. ...
	Professional and scientific instruments (except surgical and dental)	1	... ...
	Sporting and athletic goods not elsewhere classified	4	465
	CLEVELAND INDUSTRIAL AREA		
1	Canned and dried fruits and vegetables (including canned soups	2	.... . .
	Condensed and evaporated milk	1	.... .
	Custom slaughtering, wholesale	3	...
	Flavoring extracts and flavoring sirups, not elsewhere classified	7	62
	Flour and other grain-mill products	4	109
	Ice, manufactured	12	71
	Liquors, distilled	1	.....
	Pickled fruits and vegetables and vegetable sauces and seasonings	5	92
	Preserves, jams, jellies, and fruit butters	2	.....
	Salad dressings	1	.....
	Special dairy products	2	.. . . .
2	Cigars	7	
	Tobacco (chewing and smoking) and snuff	4	
3	Artificial leather and oilcloth	1	. .
	Batting, padding, and wadding; upholstery filling	1	. . . . .
	Dyeing and finishing cotton, rayon, silk, and linen textiles	2	.. .
	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	2	. .
	Hosiery—full-fashioned	1	.. ..
	Hosiery—seamless	3	... ...
	Knitted cloth	2	....
	Knitted gloves	1	.....
	Lace goods	1	. ..
	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	2	..
	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	3	1,885

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE AKRON, CINCINNATI, CLEVELAND, DAYTON, TOLEDO, WHEELING, AND YOUNGSTOWN INDUSTRIAL AREAS, AND FOR AKRON, CANTON, CINCINNATI, CLEVELAND, COLUMBUS, TOLEDO, AND YOUNGSTOWN: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	CLEVELAND INDUSTRIAL AREA—Continued		
4	Belts (apparel), regardless of material	1	--
	Clothing, leather and sheep-lined	1	--
	Coats, suits, and skirts (except fur coats)—made in contract factories	10	--
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	2	--
	Embroideries, other than Schiffli-machine products—contract factories	3	--
	Embroideries, other than Schiffli-machine products—made in regular factories or by jobbers engaging contractors	3	--
	Embroideries: Schiffli-machine products	2	--
	Fur coats and other fur garments, accessories, and trimmings	7	--
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	1	--
	Men's neckwear—made in inside factories or by jobbers engaging contractors	4	218
	Millinery	8	--
	Miscellaneous fabricated textile products not elsewhere classified	4	60
	Raincoats and other waterproof garments (except oiled cotton)	1	--
	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	3	--
	Trousers (semidress), wash suits, and washable service apparel	1	--
	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	1	--
	Women's and misses' dresses (except house dresses)—made in contract factories	4	--
	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	1	--
5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	5	24
6	Cigar boxes: wooden, part wooden	1	--
	Cooperage	2	--
	Mirror frames and picture frames	2	--
	Public-building furniture	2	--
	Venetian blinds	4	58
	Wood preserving	3	33
7	Coated and glazed paper	3	28
	Die-cut paper and paperboard, and converted cardboard	2	--
	Envelopes	3	180
	Fiber cans, tubes, and similar products	3	--
	Paper and paperboard mills	1	--
	Paper bags, except those made in paper mills	1	--
	Wallpaper	3	--
8	Books: publishing and printing	5	328
	Gravure, rotogravure, and rotary photogravure (including preparation of plates)	1	--
	Greeting cards (except hand-painted)	2	--
	Periodicals: publishing and printing	12	399
9	Ammunition	1	--
	Candles	1	--
	Coal-tar products, crude and intermediate	1	--
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	10	190
	Explosives	1	--
	Linseed oil, cake, and meal	1	--
	Mucilage, paste, and other adhesives, except glue and rubber cement	1	--
	Rayon and allied products	1	--
	Salt	1	--
10	Fuel briquets	2	--
	Oven coke and coke-oven byproducts	4	--
	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	3	74
	Petroleum refining	3	574
	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	7	221
12	Industrial leather belting and packing leather	2	--
	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	2	--
13	Asbestos products (except steam packing and pipe and boiler covering)	4	--
	Cement	2	--
	China firing and decorating (for the trade)	1	--
	Clay products (except pottery) not elsewhere classified	1	--
	Gypsum products	2	--
	Hotel china	1	--
	Minerals and earths, ground or otherwise treated	1	--
	Mirrors and other glass products made of purchased glass	6	255
	CLEVELAND INDUSTRIAL AREA—Continued		
13	Pottery products not elsewhere classified	1	--
	Statuary and art goods (except stone and concrete)—factory production	2	--
	Steam and other packing; pipe and boiler covering	3	79
	Tableware, pressed or blown glass, and glassware not elsewhere classified	1	--
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	1	--
14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	1	--
	Doors, window sash, frames, molding, and trim (made of metal)	2	--
	Files	2	--
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	3	--
	Heating and cooking apparatus, except electric, not elsewhere classified	4	20
	Malleable-iron castings	2	--
	Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills	2	--
	Oil burners, domestic and industrial	1	--
	Safes and vaults	1	--
	Saws	2	--
	Steam fittings, regardless of material	10	813
	Steel barrels, kegs, and drums	9	--
	Vitreous enameled products, including kitchen, household, and hospital utensils	3	512
	Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills	1	--
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	6	1,310
	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	10	1,589
	Aluminum ware, kitchen, hospital, and household (except electrical appliances)	1	--
	Clocks, watches, and materials and parts (except watchcases)	2	--
	Engraving on metal (except for printing purposes)	2	--
	Secondary smelting and refining, gold, silver, and platinum	1	--
16	Carbon products for the electrical industry, and manufactures of carbon or artificial graphite	2	--
	Electrical measuring instruments	2	--
	Electrical products not elsewhere classified	8	714
	Electric lamps	4	--
	Insulated wire and cable	1	--
	Radios, radio tubes, and phonographs	3	725
	X-ray and therapeutic apparatus and electronic tubes	3	--
17	Agricultural machinery (except tractors)	2	--
	Commercial laundry, dry-cleaning, and pressing machinery	1	--
	Elevators, escalators, and conveyors	2	--
	Internal-combustion engines	2	--
	Laundry equipment, domestic	1	--
	Measuring and dispensing pumps	1	--
	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	3	--
	Mechanical power-transmission equipment	11	580
	Office and store machines not elsewhere classified	2	--
	Printing-trades machinery and equipment	7	679
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	3	306
	Sewing machines, domestic and industrial	1	--
	Special-industry machinery, not elsewhere classified	3	466
	Stokers, mechanical, domestic and industrial	2	--
	Textile machinery	1	--
	Tractors	1	--
	Vending, amusement, and other coin-operated machines	1	--
	Woodworking machinery	2	--
19	Aircraft and parts, including aircraft engines	2	--
	Boat building and boat repairing	1	--
	Cars and car equipment—railroad, street, and rapid-transit	1	--
	Locomotives (including frames) and parts: railroad, mining, and industrial	1	--
	Motorcycles, bicycles, and parts	6	2,294
	Transportation equipment not elsewhere classified	1	--
20	Beauty-shop and barber-shop equipment	2	--
	Brooms	3	45
	Buttons	2	--
	Carbon paper and inked ribbons	2	--
	Costume jewelry and costume novelties (jewelry other than fine jewelry)	1	--
	Dental equipment and supplies	4	98
	Hair work	1	--
	Lamp shades	2	--

See footnote at end of table.

TABLE 12. INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE AKRON, CINCINNATI, CLEVELAND, DAYTON, TOLEDO, WHEELING, AND YOUNGSTOWN INDUSTRIAL AREAS, AND FOR AKRON, CANTON, CINCINNATI, CLEVELAND, COLUMBUS, TOLEDO, AND YOUNGSTOWN: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	CLEVELAND INDUSTRIAL AREA—Continued		
20	Miscellaneous fabricated products not elsewhere classified	3	20
	Musical instruments, parts, and materials not elsewhere classified	3	
	Needles, pins, hooks and eyes, and slide and snap fasteners	1	
	Ophthalmic goods, lenses and fittings	2	
	Organs	1	
	Piano and organ parts and materials	1	
	Professional and scientific instruments (except surgical and dental)	2	
	Soda fountains, beer dispensing equipment, and related products	2	
	Surgical and medical instruments	1	
	Tobacco pipes and cigarette holders	1	
	DAYTON INDUSTRIAL AREA		
1	Biscuit, crackers, and pretzels	4	785
	Chewing gum	1	
	Condensed and evaporated milk	2	
	Flavoring extracts and flavoring sirups, not elsewhere classified	1	
	Flour and other grain-mill products	3	7
	Food preparations, not elsewhere classified	2	
	Macaroni, spaghetti, vermicelli, and noodles	1	
	Malt liquors	3	104
	Pickled fruits and vegetables and vegetable sauces and seasonings	1	
	Poultry dressing and packing, wholesale	3	12
	Prepared feeds (including mineral) for animals and fowls	1	
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	1	
3	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	1	
4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	1	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	1	
	Raincoats and other waterproof garments (except oiled cotton)	1	
	Textile bags—not made in textile mills	1	
	Trousers (semidress), wash suits, and washable service apparel	2	
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	1	
	Work gloves and mittens: cloth, cloth and leather combined	1	
6	Caskets, coffins, burial cases, and other morticians' goods	1	
	Household furniture, except upholstered	2	
	Laboratory, hospital, and other professional furniture	1	
	Partitions, shelving, cabinet work, and office and store fixtures	1	
	Venetian blinds	1	
	Window and door screens and weather strip	1	
	Wooden boxes except cigar boxes	4	160
	Wood products not elsewhere classified	1	
7	Coated and glazed paper	2	
	Converted paper products not elsewhere classified	3	338
	Envelopes	3	810
8	Books: publishing and printing	1	
	Books: publishing without printing	1	
	Electrotyping and stereotyping, not done in printing establishments	3	68
	Engraving (steel, copperplate, and wood); plate printing	1	
	Greeting cards (except hand-painted)	1	
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	2	
	Newspapers: publishing and printing	4	309
	Newspapers: publishing without printing	2	
	Periodicals: publishing and printing	4	834
	Periodicals: publishing without printing	3	
9	Cleaning and polishing preparations, blackings, and dressings	1	
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	1	
	Fertilizers	1	
	Grease and tallow (except lubricating greases)	1	
	Insecticides, fungicides, and related industrial and household chemical compounds	4	14
	Printing ink	1	
	Soap and glycerin	3	283
11	Rubber products not elsewhere classified	2	
	Tires and inner tubes	1	
	DAYTON INDUSTRIAL AREA—Continued		
12	Industrial leather belting and packing leather	1	
	Leather goods not elsewhere classified	1	
13	Mirrors and other glass products made of purchased glass	2	
14	Cast-iron pipe and fittings	1	
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semi-vitreous china sanitary ware)	1	
	Forgings, iron and steel—made in plants not operated in connection with rolling mills	1	
	Hardware not elsewhere classified	2	
	Stamped and pressed metal products (except automobile stampings)	1	
	Steam fittings, regardless of material	1	
	Steel castings	1	
	Tools (except edge tools, machine tools, files, and saws)	1	
15	Aluminum ware, kitchen, hospital, and household (except electrical appliances)	1	
	Engraving on metal (except for printing purposes)	1	
	Jewelry (precious metals)	1	
	Lighting fixtures	1	
	Nonferrous-metal products not elsewhere classified	1	
	Sheet-metal work not specifically classified	1	
16	Batteries, storage and primary (dry and wet)	1	
	Communication equipment	1	
	Electrical measuring instruments	2	
	Electrical products not elsewhere classified	1	
	Wiring devices and supplies	1	
17	Agricultural machinery (except tractors)	1	
	Blowers; exhaust and ventilating fans	2	
	Elevators, escalators, and conveyors	2	
	Food-products machinery	1	
	Industrial machinery, not elsewhere classified	2	
	Machine-shop repairs	2	
	Measuring and dispensing pumps	1	
	Mechanical power-transmission equipment	1	
	Metalworking machinery and equipment, not elsewhere classified	1	
	Office and store machines not elsewhere classified	3	5,270
	Paper-mill, pulp-mill, and paper-products machinery	3	277
	Printing-trades machinery and equipment	1	
	Pumping equipment and air compressors	7	340
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	4	8,849
	Scales and balances	1	
	Special-industry machinery, not elsewhere classified	2	
	Stokers, mechanical, domestic and industrial	1	
	Woodworking machinery	1	
18	Automobile trailers (for attachment to passenger cars)	1	
	Motor vehicles, motor-vehicle bodies, parts and accessories	10	
19	Boat building and boat repairing	1	
	Motorcycles, bicycles, and parts	1	
20	Brooms	1	
	Fabricated plastic products, not elsewhere classified	2	
	Fire extinguishers, chemical	1	
	Games and toys (except dolls and children's vehicles)	2	
	Hand stamps, stencils, and brands	1	
	Miscellaneous fabricated products not elsewhere classified	2	
	Ophthalmic goods: lenses and fittings	2	
	Photographic apparatus and materials and projection equipment (except lenses)	1	
	Sporting and athletic goods not elsewhere classified	1	
	Umbrellas, parasols, and canes	1	
	TOLEDO INDUSTRIAL AREA		
1	Biscuit, crackers, and pretzels	1	
	Candy and other confectionery products	7	100
	Cheese	2	
	Chewing gum	1	
	Condensed and evaporated milk	2	
	Creamery butter	2	
	Flavoring extracts and flavoring sirups, not elsewhere classified	1	
	Flour and other grain-mill products	3	164
	Food preparations, not elsewhere classified	6	46
	Macaroni, spaghetti, vermicelli, and noodles	1	
	Malt liquors	2	
	Pickled fruits and vegetables and vegetable sauces and seasonings	3	155
	Prepared feeds (including mineral) for animals and fowls	2	
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	2	
	Wines	1	

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE AKRON, CINCINNATI, CLEVELAND, DAYTON, TOLEDO, WHEELING, AND YOUNGSTOWN INDUSTRIAL AREAS, AND FOR AKRON, CANTON, CINCINNATI, CLEVELAND, COLUMBUS, TOLEDO, AND YOUNGSTOWN: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	TOLEDO INDUSTRIAL AREA—Continued		
2	Cigars	1	
	Tobacco (chewing and smoking) and snuff	1	
3	Artificial leather and oilcloth	1	
	Dyeing and finishing cotton, rayon, silk, and linen textiles	1	
	Hosiery—full-fashioned	1	
4	Canvas products (except bags)	4	427
	Coats, suits, and skirts (except fur coats)—made in contract factories	1	
	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	1	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	2	
	Housefurnishings (except curtains, draperies, and bedspreads)	1	
	Men's and boys' hats and caps (except felt and straw)	3	
	Miscellaneous fabricated textile products not elsewhere classified	1	
	Textile bags—not made in textile mills	1	
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	2	
5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	1	
6	Caskets, coffins, burial cases, and other morticians' goods	2	
	Cooperage	1	
	Household furniture, except upholstered	1	
	Mattresses and bedsprings	2	
	Office furniture	1	
	Upholstered household furniture	2	
	Window shades	1	
	Wooden boxes except cigar boxes	2	
	Wood preserving	3	181
	Wood products not elsewhere classified	1	
7	Converted paper products not elsewhere classified	1	
	Die-cut paper and paperboard, and converted cardboard	2	
	Paper bags, except those made in paper mills	2	
8	Books: publishing without printing	1	
	Electrotyping and stereotyping, not done in printing establishments	1	
	Engraving (steel, copperplate, and wood); plate printing	1	
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	2	
	Newspapers: publishing and printing	9	354
	Newspapers: publishing without printing	1	
9	Chemicals not elsewhere classified	2	
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	4	22
	Drugs and medicines (including drug grinding)	2	
	Fertilizers	2	
	Insecticides, fungicides, and related industrial and household chemical compounds	1	
	Lubricating oils and greases—not made in petroleum refineries	2	
	Paints, varnishes, and lacquers	6	193
	Perfumes, cosmetics, and other toilet preparations	1	
	Plastic materials	1	
10	Oven coke and coke-oven byproducts	1	
	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	5	41
12	Industrial leather belting and packing leather	2	
13	Brick and hollow structural tile	1	
	Cement	1	
	Clay refractories, including refractory cement (clay)	1	
	Minerals and earths, ground or otherwise treated	1	
	Mineral wool	1	
	Mirrors and other glass products made of purchased glass	3	1,025
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	2	
	Tableware, pressed or blown glass, and glassware not elsewhere classified	2	
14	Automobile stampings	6	586
	Blast-furnace products	1	
	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	1	
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	2	
	Enameling, japanning, and lacquering	1	
	TOLEDO INDUSTRIAL AREA—Continued		
14	Forgings, iron and steel—made in plants not operated in connection with rolling mills	1	
	Hardware not elsewhere classified	3	677
	Heating and cooking apparatus, except electric, not elsewhere classified	1	
	Malleable-iron castings	1	
	Power boilers and associated products	2	
	Safes and vaults	1	
	Saws	1	
	Screw-machine products and wood screws	1	
	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	1	
	Steel barrels, kegs, and drums	1	
	Steel castings	2	
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	1	
	Vitreous enameled products, including kitchen, household, and hospital utensils	1	
	Wirework not elsewhere classified	3	36
	Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills	1	
15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	2	
	Jewelry (precious metals)	2	
	Lighting fixtures	2	
16	Automotive electrical equipment	5	4,260
	Batteries, storage and primary (dry and wet)	1	
	Communication equipment	1	
	Radios, radio tubes, and phonographs	2	
	Wiring devices and supplies	1	
17	Agricultural machinery (except tractors)	1	
	Commercial laundry, dry-cleaning, and pressing machinery	1	
	Elevators, escalators, and conveyors	2	
	Food-products machinery	3	33
	Industrial machinery, not elsewhere classified	3	182
	Internal-combustion engines	1	
	Machine-shop repairs	2	
	Machine tools	2	
	Mechanical power-transmission equipment	2	
	Oil-field machinery and tools	2	
	Pumping equipment and air compressors	1	
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	1	
	Scales and balances	2	
	Stokers, mechanical, domestic and industrial	1	
	Woodworking machinery	1	
19	Cars and car equipment—railroad, street, and rapid-transit	1	
	Motorcycles, bicycles, and parts	1	
	Shipbuilding and ship repairing	2	
	Transportation equipment not elsewhere classified	1	
20	Brooms	2	
	Brushes	1	
	Children's vehicles	2	
	Dental equipment and supplies	1	
	Fabricated plastic products, not elsewhere classified	2	
	Hand stamps, stencils, and brands	2	
	Miscellaneous fabricated products not elsewhere classified	1	
	Professional and scientific instruments (except surgical and dental)	1	
	Umbrellas, parasols, and canes	1	
	Wool pulling	1	
	WHEELING INDUSTRIAL AREA		
1	Biscuit, crackers, and pretzels	1	
	Condensed and evaporated milk	4	
	Meat packing, wholesale	6	217
	Prepared feeds (including mineral) for animals and fowls	4	
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	2	
2	Cigars	8	
	Tobacco (chewing and smoking) and snuff	1	
3	Dyeing and finishing cotton, rayon, silk, and linen textiles	1	
4	Canvas products (except bags)	1	
	Men's and boys' underwear—made in inside factories or by jobbers engaging contractors	1	
	Miscellaneous fabricated textile products not elsewhere classified	1	
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	1	
	Work gloves and mittens: cloth, cloth and leather combined	1	

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE AKRON, CINCINNATI, CLEVELAND, DAYTON, TOLEDO, WHEELING, AND YOUNGSTOWN INDUSTRIAL AREAS, AND FOR AKRON, CANTON, CINCINNATI, CLEVELAND, COLUMBUS, TOLEDO, AND YOUNGSTOWN: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	WHEELING INDUSTRIAL AREA—Continued		
6	Caskets, coffins, burial cases, and other morticians' goods	1	
	Cigar boxes: wooden, part wooden	1	
	Matches	1	
	Mattresses and bedsprings	1	
	Wooden boxes except cigar boxes	3	48
7	Die-cut paper and paperboard, and converted cardboard	1	
	Envelopes	1	
	Wallpaper	1	
8	Bookbinding and related industries	1	
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	2	
	Newspapers: publishing without printing	1	
	Periodicals: publishing and printing	1	
9	Chemicals not elsewhere classified	3	45
	Coal-tar products, crude and intermediate	1	
	Colors and pigments	1	
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	2	
	Drugs and medicines (including drug grinding)	3	
	Grease and tallow (except lubricating greases)	1	
	Paints, varnishes, and lacquers	1	
10	Oven coke and coke-oven byproducts	2	
	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	2	
11	Tires and inner tubes	1	
12	Saddlery, harness, and whips	1	
13	Abrasive wheels, stones, paper, cloth, and related products	1	
	China firing and decorating (for the trade)	1	
	Clay products (except pottery) not elsewhere classified	2	
	Floor and wall tile (except quarry tile)	2	
	Minerals and earths, ground or otherwise treated	5	
	Mirrors and other glass products made of purchased glass	2	
	Vitreous-china plumbing fixtures	1	
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	1	
14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	1	
	Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills	1	
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	1	
	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	4	
	Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills	1	
	Power boilers and associated products	2	
	Stamped and pressed metal products (except automobile stampings)	5	
	Steel barrels, kegs, and drums	1	
	Steel castings	1	
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	3	
	Tin cans and other tinware not elsewhere classified	4	947
	Vitreous enameled products, including kitchen, household, and hospital utensils	4	1,193
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	1	
	Collapsible tubes	1	
	Lighting fixtures	1	
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	1	
	Sheet-metal work not specifically classified	1	
16	Carbon products for the electrical industry, and manufactures of carbon or artificial graphite	1	
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	1	
	Wiring devices and supplies	1	
	X-ray and therapeutic apparatus and electronic tubes	1	
17	Agricultural machinery (except tractors)	1	
	Cars and trucks, industrial	1	
	Industrial machinery, not elsewhere classified	2	
	Machine-shop products, not elsewhere classified	4	
	Metalworking machinery and equipment, not elsewhere classified	2	
	Pumping equipment and air compressors	2	
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete-air-conditioning units	1	
	Special industry machinery, not elsewhere classified	5	221
	Woodworking machinery	1	
	WHEELING INDUSTRIAL AREA—Continued		
18	Motor vehicles, motor-vehicle bodies, parts and accessories	1	
20	Artists' materials	1	
	Brooms	1	
	Brushes	1	
	Hand stamps, stencils, and brands	1	
	YOUNGSTOWN INDUSTRIAL AREA		
1	Candy and other confectionery products	2	
	Cheese	2	
	Condensed and evaporated milk	5	31
	Flour and other grain-mill products	6	57
	Food preparations, not elsewhere classified	1	
	Ice cream and ices	13	156
	Macaroni, spaghetti, vermicelli, and noodles	1	
	Malt liquors	3	92
	Pickled fruits and vegetables and vegetable sauces and seasonings	1	
	Poultry dressing and packing, wholesale	2	
3	Rayon broad woven goods—regular factories or jobbers engaging contractors	1	
4	Canvas products (except bags)	1	
	Housefurnishings (except curtains, draperies, and bedspreads)	2	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	1	
	Raincoats and other waterproof garments (except oiled cotton)	1	
	Textile bags—not made in textile mills	1	
	Trousers (semidress), wash suits, and washable service apparel	1	
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	1	
6	Baskets for fruits and vegetables	2	
	Caskets, coffins, burial cases, and other morticians' goods	2	
	Cooperage	2	
	Mattresses and bedsprings	2	
	Office furniture	1	
	Partitions, shelving, cabinet work, and office and store fixtures	1	
	Upholstered household furniture	2	
	Window shades	1	
	Wooden boxes except cigar boxes	3	54
	Wood products not elsewhere classified	2	
7	Paperboard containers and boxes not elsewhere classified	1	
8	Bookbinding and related industries	2	
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	1	
	Machine and hand typesetting (including advertisement typesetting)	1	
	Periodicals: publishing and printing	1	
	Periodicals: publishing without printing	1	
	Photoengraving, not done in printing establishments (including preparation of plates)	2	
9	Chemicals not elsewhere classified	2	
	Cleaning and polishing preparations, blackings, and dressings	2	
	Coal-tar products, crude and intermediate	1	
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	4	71
	Drugs and medicines (including drug grinding)	2	
	Explosives	1	
	Fireworks	1	
	Insecticides, fungicides, and related industrial and household chemical compounds	2	
	Lubricating oils and greases—not made in petroleum refineries	1	
	Paints, varnishes, and lacquers	2	
10	Oven coke and coke-oven byproducts	4	772
	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	1	
11	Rubber products not elsewhere classified	1	
	Tires and inner tubes	1	
12	Leather gloves and mittens	1	
	Leather goods not elsewhere classified	1	
	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	1	
13	Abrasive wheels, stone, paper, cloth, and related products	1	
	Clay refractories, including refractory cement (clay)	2	
	Hotel china	1	
	Lime	2	
	Minerals and earths, ground or otherwise treated	6	24

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE AKRON, CINCINNATI, CLEVELAND, DAYTON, TOLEDO, WHEELING, AND YOUNGSTOWN INDUSTRIAL AREAS, AND FOR AKRON, CANTON, CINCINNATI, CLEVELAND, COLUMBUS, TOLEDO, AND YOUNGSTOWN: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	YOUNGSTOWN INDUSTRIAL AREA—Continued		
13	Mirrors and other glass products made of purchased glass	1	
	Nonclay refractories	1	
	Pottery products not elsewhere classified	3	172
	Sand-lime brick, block and tile	1	
	Steam and other packing; pipe and boiler covering	2	
	Tableware, pressed or blown glass, and glassware not elsewhere classified	2	
	Vitreous-china plumbing fixtures	1	
14	Automobile stampings	2	
	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	2	
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	2	
	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	11	1,691
	Forgings, iron and steel—made in plants not operated in connection with rolling mills	1	
	Gray-iron and semisteel castings	10	882
	Hardware not elsewhere classified	2	
	Stamped and pressed metal products (except automobile stampings)	6	1,283
	Steam and hot-water heating apparatus (including hot-water furnaces)	2	
	Steel castings	3	1,031
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	1	
	Tin cans and other tinware not elsewhere classified	1	
	Tools (except edge tools, machine tools, files, and saws)	2	
	Vitreous enameled products, including kitchen, household, and hospital utensils	1	
15	Electroplating, plating, and polishing	1	
	Lighting fixtures	1	
	Nonferrous-metal products not elsewhere classified	1	
16	Batteries, storage and primary (dry and wet)	1	
	Communication equipment	1	
	Electric lamps	4	
	Insulated wire and cable	1	
	Radios, radio tubes, and phonographs	1	
	Wiring devices and supplies	1	
17	Blowers; exhaust and ventilating fans	1	
	Elevators, escalators, and conveyors	1	
	Food-products machinery	1	
	Industrial machinery, not elsewhere classified	2	
	Internal-combustion engines	1	
	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	1	
	Machine tools	1	
	Oil-field machinery and tools	1	
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	1	
	Special-industry machinery, not elsewhere classified	1	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	2	
20	Brooms	2	
	Hand stamps, stencils, and brands	1	
	Professional and scientific instruments (except surgical and dental)	2	
	Signs, advertising displays, and advertising novelties	4	73
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	2	
	CITY OF AKRON		
1	Candy and other confectionery products	4	31
	Cereal preparations	1	
	Cheese	1	
	Condensed and evaporated milk	2	
	Creamery butter	1	
	Flavoring extracts and flavoring sirups, not elsewhere classified	2	
	Ice cream and ices	4	
	Ice, manufactured	3	
	Macaroni, spaghetti, vermicelli, and noodles	1	
	Meat packing, wholesale	2	
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	1	
	Special dairy products	1	
4	Canvas products (except bags)	2	
	Miscellaneous fabricated textile products not elsewhere classified	1	
5	Planing mills not operated in conjunction with sawmills	5	
	CITY OF AKRON—Continued		
6	Cooperage	1	
	Household furniture, except upholstered	2	
	Matches	1	
	Mattresses and bedsprings	1	
	Upholstered household furniture	1	
	Venetian blinds	2	
	Wood products not elsewhere classified	1	
7	Envelopes	1	
	Paper and paperboard mills	1	
	Paperboard containers and boxes not elsewhere classified	2	
8	Bookbinding and related industries	1	
	Books: printing without publishing	1	
	Books: publishing and printing	1	
	Books: publishing without printing	1	
	Electrotyping and stereotyping, not done in printing establishments	1	
	Engraving (steel, copperplate, and wood); plate printing	1	
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	2	
	Machine and hand typesetting (including advertisement typesetting)	2	
	Newspapers: publishing and printing	5	159
	Periodicals: publishing and printing	2	
	Periodicals: publishing without printing	2	
9	Chemicals not elsewhere classified	2	
	Cleaning and polishing preparations, blackings, and dressings	2	
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	1	
	Grease and tallow (except lubricating greases)	2	
	Paints, varnishes, and lacquers	2	
	Printing ink	1	
	Salt	1	
10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	2	
11	Tires and inner tubes	9	
12	Industrial leather belting and packing leather	1	
	Suitcases, brief cases, bags, trunks, and other luggage	1	
13	Brick and hollow structural tile	2	
	Concrete products	2	
	Mirrors and other glass products made of purchased glass	1	
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	1	
	Porcelain electrical supplies	2	
	Pottery products not elsewhere classified	1	
	Steam and other packing; pipe and boiler covering	1	
14	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	1	
	Gray-iron and semisteel castings	3	
	Heating and cooking apparatus, except electric, not elsewhere classified	1	
	Power boilers and associated products	2	
	Steam fittings, regardless of material	1	
	Steel castings	1	
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	2	
	Tools (except edge tools, machine tools, files, and saws)	1	
	Wirework not elsewhere classified	2	
15	Electroplating, plating, and polishing	1	
	Lighting fixtures	1	
	Nonferrous-metal foundries (except aluminum)	1	
	Nonferrous-metal products not elsewhere classified	1	
	Sheet-metal work not specifically classified	2	
16	Batteries, storage and primary (dry and wet)	1	
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	1	
17	Industrial machinery, not elsewhere classified	2	
	Machine-shop products, not elsewhere classified	6	55
	Machine-shop repairs	1	
	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	3	122
	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	1	
	Mechanical power-transmission equipment	1	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	2	
19	Aircraft and parts, including aircraft engines	3	78

See footnote at end of table.

TABLE 12. INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE AKRON, CINCINNATI, CLEVELAND, DAYTON, TOLEDO, WHEELING, AND YOUNGSTOWN INDUSTRIAL AREAS, AND FOR AKRON, CANTON, CINCINNATI, CLEVELAND, COLUMBUS, TOLEDO, AND YOUNGSTOWN: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	CITY OF AKRON—Continued		
20	Dental equipment and supplies	1	
	Fabricated plastic products, not elsewhere classified	1	
	Games and toys (except dolls and children's vehicles)	1	
	Hand stamps, stencils, and brands	2	
	Miscellaneous fabricated products not elsewhere classified	2	
	Models and patterns (except paper patterns)	3	186
	Signs, advertising displays, and advertising novelties	4	38
	Sporting and athletic goods not elsewhere classified	3	301
	Surgical supplies and equipment not elsewhere classified, orthopedic appliances	1	
	CITY OF CANTON		
1	Biscuit, crackers, and pretzels	2	
	Condensed and evaporated milk	1	
	Creamery butter	1	
	Flour and other grain-mill products	2	
	Ice cream and ices	2	
	Ice, manufactured	2	
	Meat packing, wholesale	3	178
4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	1	
	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	1	
6	Partitions, shelving, cabinet work, and office and store fixtures	1	
	Window and door screens and weather strip	1	
7	Die-cut paper and paperboard, and converted cardboard	1	
	Paperboard containers and boxes not elsewhere classified	1	
	Pulp goods (pressed, molded)	1	
8	Books: publishing and printing	1	
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	2	
	Machine and hand typesetting (including advertisement typesetting)	1	
	Newspapers: publishing and printing	1	
	Periodicals: publishing without printing	1	
9	Chemicals not elsewhere classified	1	
	Cleaning and polishing preparations, blackings, and dressings	2	
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	2	
	Drugs and medicines (including drug grinding)	2	
	Fertilizers	1	
	Insecticides, fungicides, and related industrial and household chemical compounds	1	
	Lubricating oils and greases—not made in petroleum refineries	1	
	Paints, varnishes, and lacquers	1	
11	Rubber products not elsewhere classified	4	352
12	Industrial leather belting and packing leather	1	
14	Doors, window sash, frames, molding, and trim (made of metal)	1	
	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	2	
	Forgings, iron and steel—made in plants not operated in connection with rolling mills	2	
	Gray-iron and semisteel castings	5	560
	Hardware not elsewhere classified	1	
	Malleable-iron castings	1	
	Power boilers and associated products	1	
	Safes and vaults	1	
	Saws	1	
	Stamped and pressed metal products (except automobile stampings)	3	129
	Steel works and rolling mills	5	6,442
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	1	
	Vitreous enameled products, including kitchen, household, and hospital utensils	2	
	Wirework not elsewhere classified	2	
15	Electroplating, plating, and polishing	1	
	Nonferrous-metal foundries (except aluminum)	2	
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	1	
	Sheet-metal work not specifically classified	2	
16	Communication equipment	1	
	Electrical products not elsewhere classified	1	
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	1	
	CITY OF CANTON—Continued		
17	Agricultural machinery (except tractors)	2	
	Food-products machinery	2	
	Industrial machinery, not elsewhere classified	2	
	Internal-combustion engines	1	
	Laundry equipment, domestic	1	
	Machine-shop products, not elsewhere classified	5	452
	Machine-shop repairs	1	
	Mechanical power-transmission equipment	2	
	Mining machinery and equipment	1	
	Oil-field machinery and tools	1	
	Pumping equipment and air compressors	1	
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	1	
	Special-industry machinery, not elsewhere classified	1	
	Stokers, mechanical, domestic and industrial	1	
20	Dental equipment and supplies	1	
	Miscellaneous fabricated products not elsewhere classified	2	
	Models and patterns (except paper patterns)	1	
	Signs, advertising displays, and advertising novelties	5	130
	CITY OF CINCINNATI		
1	Baking powder, yeast, and other leavening compounds	1	
	Biscuit, crackers, and pretzels	6	
	Candy and other confectionery products	15	540
	Canned and dried fruits and vegetables (including canned soups)	4	
	Cheese	2	
	Chewing gum	1	
	Condensed and evaporated milk	3	
	Flour and other grain-mill products	1	
	Liquors, distilled	1	
	Liquors, rectified or blended	6	
	Macaroni, spaghetti, vermicelli, and noodles	1	
	Oleomargarine—not made in meat-packing establishments	2	
	Prepared feeds (including mineral) for animals and fowls	4	106
	Preserves, jams, jellies, and fruit butters	2	
	Salad dressings	1	
	Sausage casings—not made in meat-packing establishments	2	
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	12	91
	Special dairy products	1	
	Vinegar and cider	2	
	Wines	2	
2	Cigars	7	266
	Tobacco (chewing and smoking) and snuff	5	36
3	Batting, padding, and wadding; upholstery filling	1	
	Cloth sponging and miscellaneous special finishing	5	
	Cotton thread	2	
	Hosiery, seamless	1	
	Knitted cloth	1	
	Linoleum, asphalted-felt-base, and other hard-surface floor coverings, not elsewhere classified	1	
	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	2	
4	Belts (apparel), regardless of material	1	
	Canvas products (except bags)	4	26
	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	6	
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	2	
	Embroideries, other than Schiffli-machine products—contract factories	2	
	Embroideries, other than Schiffli-machine products—made in regular factories or by jobbers engaging contractors	2	
	Fur coats and other fur garments, accessories, and trimmings	2	
	Housefurnishings (except curtains, draperies, and bedspreads)	5	
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	6	
	Men's neckwear—made in inside factories or by jobbers engaging contractors	3	
	Millinery	2	
	Miscellaneous fabricated textile products not elsewhere classified	2	
	Suspenders, garters, and other goods made from purchased elastic material	1	
	Textile bags—not made in textile mills	3	58
	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	2	
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	2	

See footnote at end of table.

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Group No.[1]	TITLE	Number of establishments	Wage earners
	CITY OF CINCINNATI—Continued		
6	Cigar boxes: wooden, part wooden	2	
	Cooperage	4	
	Household furniture, except upholstered	8	421
	Lasts and related products	1	
	Mattresses and bedsprings	7	
	Mirror frames and picture frames	1	
	Partitions, shelving, cabinet work, and office and store fixtures	6	
	Venetian blinds	2	
	Window and door screens and weather strip	1	
	Window shades	5	423
	Wooden boxes except cigar boxes	2	
	Wood preserving	1	
7	Coated and glazed paper	2	
	Converted paper products not elsewhere classified	2	
	Die-cut paper and paperboard, and converted cardboard	1	
	Envelopes	1	
8	Bookbinding and related industries	16	
	Books: printing without publishing	11	
	Books: publishing and printing	2	
	Books: publishing without printing	3	
	Greeting cards (except hand-painted)	2	
	Newspapers: publishing without printing	1	
9	Chemicals not elsewhere classified	2	
	Cleaning and polishing preparations, blackings, and dressings	12	
	Grease and tallow (except lubricating greases)	3	
	Lubricating oils and greases—not made in petroleum refineries	2	
	Mucilage, paste, and other adhesives, except glue and rubber cement	2	
	Perfumes, cosmetics, and other toilet preparations	2	
	Soybean oil, cake, and meal	1	
10	Fuel briquets	1	
	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	2	
11	Rubber products not elsewhere classified	4	
12	Footwear (except rubber)	10	
	Leather goods not elsewhere classified	3	
	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	2	
	Saddlery, harness, and whips	3	15
	Suitcases, brief cases, bags, trunks, and other luggage	3	
13	Brick and hollow structural tile	2	
	Clay refractories, including refractory cement (clay)	1	
	Pottery products not elsewhere classified	1	
	Statuary and art goods (except stone and concrete)—factory production	1	
	Steam and other packing; pipe and boiler covering	1	
	Vitreous-china plumbing fixtures	1	
14	Automobile stampings	1	
	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	1	
	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	1	
	Doors, window sash, frames, molding, and trim (made of metal)	2	
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semi-vitreous china sanitary ware)	3	
	Enameling, japanning, and lacquering	3	
	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	12	256
	Forgings, iron and steel—made in plants not operated in connection with rolling mills	4	
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	1	
	Hardware not elsewhere classified	2	
	Heating and cooking apparatus, except electric, not elsewhere classified	2	
	Malleable-iron castings	1	
	Power boilers and associated products	3	92
	Safes and vaults	1	
	Saws	2	
	Screw-machine products and wood screws	4	65
	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	1	
	Steam fittings, regardless of material	2	
	Steel barrels, kegs, and drums	1	
	Steel castings	1	
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	4	
	Tin cans and other tinware not elsewhere classified	3	593
	Tools (except edge tools, machine tools, files, and saws)	1	
	CITY OF CINCINNATI—Continued		
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	2	
	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	3	
	Clocks, watches, and materials and parts (except watch-cases)	3	
	Engraving on metal (except for printing purposes)	2	
	Lapidary work	1	
	Lighting fixtures	4	1,159
	Secondary smelting and refining, gold, silver, and platinum	2	
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	2	
	Sheet-metal work not specifically classified	21	
	Watchcases	1	
16	Batteries, storage and primary (dry and wet)	3	52
	Electrical appliances	2	
	Electrical measuring instruments	1	
	Radios, radio tubes, and phonographs	2	
	X-ray and therapeutic apparatus and electronic tubes	2	
17	Commercial laundry, dry-cleaning, and pressing machinery	1	
	Construction and similar machinery (except mining and oil-field machinery and tools)	2	
	Food-products machinery	9	
	Industrial machinery, not elsewhere classified	6	
	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	14	167
	Machine tools	20	4,737
	Measuring and dispensing pumps	2	
	Mechanical power-transmission equipment	2	
	Mining machinery and equipment	1	
	Office and store machines not elsewhere classified	1	
	Printing-trades machinery and equipment	4	
	Pumping equipment and air compressors	6	
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	4	483
	Special-industry machinery, not elsewhere classified	2	
	Stokers, mechanical, domestic and industrial	1	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	11	1,015
19	Aircraft and parts, including aircraft engines	3	113
20	Artists' materials	1	
	Beauty-shop and barber-shop equipment	1	
	Brooms	1	
	Brushes	4	
	Carbon paper and inked ribbons	2	
	Costume jewelry and costume novelties (jewelry other than fine jewelry)	1	
	Dental equipment and supplies	1	
	Fabricated plastic products, not elsewhere classified	6	605
	Fire extinguishers, chemical	2	
	Hair work	1	
	Jewelry cases and instrument cases	1	
	Ophthalmic goods: lenses and fittings	1	
	Pens, mechanical pencils, and pen points	2	
	Pianos	1	
	Sporting and athletic goods not elsewhere classified	4	465
	CITY OF CLEVELAND		
1	Canned and dried fruits and vegetables (including canned soups)	1	
	Cheese	2	
	Custom slaughtering, wholesale	3	
	Flavoring extracts and flavoring sirups, not elsewhere classified	6	
	Flour and other grain-mill products	1	
	Ice, manufactured	7	34
	Liquors, distilled	1	
	Pickled fruits and vegetables and vegetable sauces and seasonings	4	
	Prepared feeds (including mineral) for animals and fowls	5	
	Preserves, jams, jellies, and fruit butters	2	
	Salad dressings	1	
	Special dairy products	2	
	Wines	15	
2	Cigars	7	
	Tobacco (chewing and smoking) and snuff	4	
3	Artificial leather and oilcloth	1	
	Batting, padding, and wadding; upholstery filling	1	
	Cloth sponging and miscellaneous special finishing	2	
	Dyeing and finishing cotton, rayon, silk, and linen textiles	2	
	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	2	

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE AKRON, CINCINNATI, CLEVELAND, DAYTON, TOLEDO, WHEELING, AND YOUNGSTOWN INDUSTRIAL AREAS, AND FOR AKRON, CANTON, CINCINNATI, CLEVELAND, COLUMBUS, TOLEDO, AND YOUNGSTOWN: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	CITY OF CLEVELAND—Continued		
3	Hosiery—full-fashioned	1	
	Hosiery—seamless	1	
	Knitted cloth	2	
	Knitted gloves	1	
	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	2	
	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	3	1,885
4	Belts (apparel), regardless of material	1	
	Clothing, leather and sheep-lined	1	
	Coats, suits, and skirts (except fur coats)—made in contract factories	10	
	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	14	
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	2	
	Embroideries, other than Schiffli-machine products—contract factories	3	
	Embroideries, other than Schiffli-machine products—made in regular factories or by jobbers engaging contractors	3	
	Embroideries: Schiffli-machine products	2	
	Fur coats and other fur garments, accessories, and trimmings	7	
	Housefurnishings (except curtains, draperies, and bedspreads)	5	
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	1	
	Men's neckwear—made in inside factories or by jobbers engaging contractors	3	
	Millinery	7	
	Miscellaneous fabricated textile products not elsewhere classified	4	60
	Raincoats and other waterproof garments (except oiled cotton)	1	
	Textile bags—not made in textile mills	7	
	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	3	
	Trousers (semidress), wash suits, and washable service apparel	1	
	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	1	
	Women's and misses' dresses (except house dresses)—made in contract factories	4	
	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	1	
5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	1	
6	Baskets for fruits and vegetables	1	
	Caskets, coffins, burial cases, and other morticians' goods	9	170
	Cigar boxes: wooden, part wooden	1	
	Cooperage	1	
	Household furniture, except upholstered	12	
	Mirror frames and picture frames	2	
	Office furniture	4	
	Partitions, shelving, cabinet work, and office and store fixtures	14	
	Public-building furniture	2	
	Venetian blinds	4	58
	Window and door screens and weather strip	2	
	Window shades	7	
	Wood preserving	2	
7	Coated and glazed paper	2	
	Die-cut paper and paperboard, and converted cardboard	2	
	Envelopes	3	180
	Fiber cans, tubes, and similar products	2	
	Paper bags, except those made in paper mills	1	
	Wallpaper	3	
8	Books: publishing and printing	5	328
	Gravure, rotogravure, and rotary photogravure (including preparation of plates)	1	
	Greeting cards (except hand-painted)	2	
	Periodicals: publishing and printing	12	399
9	Ammunition	1	
	Candles	1	
	Coal-tar products, crude and intermediate	1	
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	10	190
	Drugs and medicines (including drug grinding)	20	218
	Grease and tallow (except lubricating greases)	3	
	Linseed oil, cake, and meal	1	
	Mucilage, paste, and other adhesives, except glue and rubber cement	1	
	Perfumes, cosmetics, and other toilet preparations	9	47
	Rayon and allied products	1	
	Salt	1	
	Soap and glycerin	6	
	CITY OF CLEVELAND—Continued		
10	Fuel briquets	2	
	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	3	74
	Petroleum refining	3	574
	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	6	
11	Rubber products not elsewhere classified	7	
12	Industrial leather belting and packing leather	2	
	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	2	
13	Abrasive wheels, stones, paper, cloth, and related products	5	
	Asbestos products (except steam packing and pipe and boiler covering)	3	
	Brick and hollow structural tile	5	
	Cement	2	
	China firing and decorating (for the trade)	1	
	Gypsum products	2	
	Mineral wool	2	
	Mirrors and other glass products made of purchased glass	6	255
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	12	115
	Statuary and art goods (except stone and concrete)—factory production	2	
	Steam and other packing; pipe and boiler covering	2	
	Tableware, pressed or blown glass, and glassware not elsewhere classified	1	
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	1	
14	Automobile stampings	6	
	Blast-furnace products	3	
	Doors, window sash, frames, molding, and trim (made of metal)	2	
	Files	2	
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	3	
	Heating and cooking apparatus, except electric, not elsewhere classified	4	20
	Malleable-iron castings	2	
	Power boilers and associated products	6	127
	Safes and vaults	1	
	Saws	2	
	Steam fittings, regardless of material	10	813
	Steel barrels, kegs, and drums	9	
	Steel castings	2	
	Steel works and rolling mills	7	8,148
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	15	
	Tools (except edge tools, machine tools, files, and saws)	8	
	Vitreous enameled products, including kitchen, household, and hospital utensils	3	512
	Wire drawn from purchased rods	3	
	Wirework not elsewhere classified	23	1,208
	Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills	1	
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	4	
	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	7	1,498
	Aluminum ware, kitchen, hospital, and household (except electrical appliances)	1	
	Clocks, watches, and materials and parts (except watchcases)	2	
	Engraving on metal (except for printing purposes)	2	
	Secondary smelting and refining, gold, silver, and platinum	1	
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	5	
16	Batteries, storage and primary (dry and wet)	7	
	Carbon products for the electrical industry, and manufactures of carbon or artificial graphite	1	
	Electrical measuring instruments	2	
	Electrical products not elsewhere classified	5	291
	Electric lamps	2	
	Insulated wire and cable	1	
	Radios, radio tubes, and phonographs	2	
	X-ray and therapeutic apparatus and electronic tubes	3	
17	Agricultural machinery (except tractors)	1	
	Cars and trucks, industrial	4	
	Commercial laundry, dry-cleaning, and pressing machinery	1	
	Construction and similar machinery (except mining and oil-field machinery and tools)	3	163
	Elevators, escalators, and conveyors	2	
	Internal-combustion engines	2	
	Laundry equipment, domestic	1	
	Measuring and dispensing pumps	1	
	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	3	
	Mechanical power-transmission equipment	10	

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE AKRON, CINCINNATI, CLEVELAND, DAYTON, TOLEDO, WHEELING, AND YOUNGSTOWN INDUSTRIAL AREAS, AND FOR AKRON, CANTON, CINCINNATI, CLEVELAND, COLUMBUS, TOLEDO, AND YOUNGSTOWN: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	CITY OF CLEVELAND—Continued		
17	Metalworking machinery and equipment, not elsewhere classified	12	
	Office and store machines not elsewhere classified	1	
	Printing-trades machinery and equipment	6	
	Pumping equipment and air compressors	6	63
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	3	306
	Sewing machines, domestic and industrial	1	
	Special-industry machinery, not elsewhere classified	3	467
	Stokers, mechanical, domestic and industrial	2	
	Textile machinery	1	
	Vending, amusement, and other coin-operated machines	1	
	Woodworking machinery	1	
19	Aircraft and parts, including aircraft engines	2	
	Boat building and boat repairing	1	
	Cars and car equipment—railroad, street, and rapid-transit	1	
	Locomotives (including frames) and parts: railroad, mining, and industrial	1	
	Motorcycles, bicycles, and parts	4	
	Shipbuilding and ship repairing	4	
	Transportation equipment not elsewhere classified	1	
20	Artists' materials	4	
	Beauty-shop and barber-shop equipment	2	
	Brooms	3	45
	Buttons	2	
	Carbon paper and inked ribbons	2	
	Costume jewelry and costume novelties (jewelry other than fine jewelry)	1	
	Dental equipment and supplies	4	98
	Fabricated plastic products, not elsewhere classified	7	328
	Games and toys (except dolls and children's vehicles)	4	
	Hair work	1	
	Lamp shades	2	
	Miscellaneous fabricated products not elsewhere classified	3	20
	Musical instuments, parts, and materials not elsewhere classified	3	
	Needles, pins, hooks and eyes, and slide and snap fasteners	1	
	Ophthalmic goods: lenses and fittings	2	
	Organs	1	
	Photographic apparatus and materials and projection equipment (except lenses)	2	
	Piano and organ parts and materials	1	
	Professional and scientific instruments (except surgical and dental)	2	
	Soda fountains, beer dispensing equipment, and related products	2	
	Sporting and athletic goods not elsewhere classified	4	10
	Surgical and medical instruments	1	
	Tobacco pipes and cigarette holders	1	
	CITY OF COLUMBUS		
1	Biscuit, crackers, and pretzels	2	
	Bread and other bakery products (except biscuit, crackers, and pretzels)	45	1,476
	Condensed and evaporated milk	1	
	Cooking and other edible fats and oils, not elsewhere classified	1	
	Corn sirup, corn sugar, corn oil, and starch	1	
	Creamery butter	3	135
	Flour and other grain-mill products	4	39
	Food preparations, not elsewhere classified	2	
	Ice, manufactured	8	35
	Meat packing, wholesale	13	871
	Poultry dressing and packing, wholesale	7	21
	Salad dressing	1	
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	1	
	Special dairy products	1	
2	Cigars	2	
3	Artificial leather and oilcloth	1	
4	Canvas products (except bags)	2	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	1	
	Housefurnishings (except curtains, draperies, and bedspreads)	1	
	Men's and boy's suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	3	493
	Men's neckwear—made in inside factories or by jobbers engaging contractors	1	
	Miscellaneous fabricated textile products not elsewhere classified	1	
	Trousers (semidress), wash suits, and washable service apparel	2	
	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	1	
	CITY OF COLUMBUS—Continued		
4	Work clothing (except work shirts), sport garments (except leather), and other men's and boy's apparel, not elsewhere classified	4	84
5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	1	
6	Cooperage	1	
	Laboratory, hospital, and other professional furniture	1	
	Partitions, shelving, cabinet work, and office and store fixtures	4	125
	Public-building furniture	1	
	Upholstered household furniture	2	
	Venetian blinds	1	
	Window and door screens and weather strip	2	
	Wooden boxes except cigar boxes	2	
	Wood preserving	1	
	Wood products not elsewhere classified	2	
7	Coated and glazed paper	1	
	Die-cut paper and paperboard, and converted cardboard	1	
	Envelopes	1	
	Paper and paperboard mills	1	
	Paperboard containers and boxes not elsewhere classified	3	174
8	Bookbinding and related industries	2	
	Books: publishing without printing	1	
	Electrotyping and stereotyping, not done in printing establishments	3	29
	Engraving (steel, copperplate, and wood); plate printing	1	
	Machine and hand typesetting (including advertisement typesetting)	2	
	Newspapers: publishing without printing	2	
	Photoengraving, not done in printing establishments (including preparation of plates)	2	
9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	3	30
	Fertilizers	4	172
	Glue and gelatin	1	
	Insecticides, fungicides, and related industrial and household chemical compounds	3	20
	Lubricating oils and greases—not made in petroleum refineries	4	21
	Mucilage, paste, and other adhesives, except glue and rubber cement	3	
	Perfumes, cosmetics, and other toilet preparations	1	
	Printing ink	2	
10	Fuel briquets	1	
12	Boot and shoe cut stock and findings	4	
	Industrial leather belting and packing leather	2	
	Leather gloves and mittens	1	
13	Glass containers	1	
	Mirrors and other glass products made of purchased glass	2	
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	1	
	Pottery products not elsewhere classified	3	37
14	Automobile stampings	2	
	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	2	
	Doors, window sash, frames, molding, and trim (made of metal)	3	175
	Gray-iron and semisteel castings	4	94
	Hardware not elsewhere classified	3	33
	Malleable-iron castings	2	
	Power boilers and associated products	2	
	Saws	3	167
	Stamped and pressed metal products (except automobile stampings)	2	
	Steam fittings, regardless of material	2	
	Steel barrels, kegs, and drums	1	
	Tools (except edge tools, machine tools, files, and saws)	1	
	Vitreous enameled products, including kitchen, household, and hospital utensils	1	
15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	1	
	Electroplating, plating, and polishing	2	
	Engraving on metal (except for printing purposes)	1	
	Jewelry (precious metals)	2	
	Nonferrous-metal foundries (except aluminum)	3	79
	Nonferrous-metal products not elsewhere classified	1	
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	1	
16	Automotive electrical equipment	1	
	Electrical measuring instruments	1	
	Radios, radio tubes, and phonographs	1	

See footnote at end of table.

TABLE 12. INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE AKRON, CINCINNATI, CLEVELAND, DAYTON, TOLEDO, WHEELING, AND YOUNGSTOWN INDUSTRIAL AREAS, AND FOR AKRON, CANTON, CINCINNATI, CLEVELAND, COLUMBUS, TOLEDO, AND YOUNGSTOWN: 1939—Continued

Group No.	INDUSTRY	Number of establishments	Wage earners
	CITY OF COLUMBUS—Continued		
17	Cars and trucks, industrial	1	
	Construction and similar machinery (except mining and oil-field machinery and tools)	1	
	Elevators, escalators, and conveyors	2	
	Food products machinery	2	
	Machine-shop products, not elsewhere classified	5	52
	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	1	
	Mechanical power-transmission equipment	1	
	Mining machinery and equipment	1	
	Oil-field machinery and tools	1	
	Pumping equipment and air compressors	1	
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	1	
	Scales and balances	2	
	Vending, amusement, and other coin-operated machines	3	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	5	507
19	Cars and car equipment—railroad, street, and rapid-transit	1	
20	Dental equipment and supplies	1	
	Fabricated plastic products, not elsewhere classified	1	
	Hand stamps, stencils, and brands	1	
	Miscellaneous fabricated products not elsewhere classified	1	
	Musical instruments, parts, and materials not elsewhere classified	1	
	Ophthalmic goods—lenses and fittings	1	
	Photographic apparatus and materials and projection equipment (except lenses)	1	
	Professional and scientific instruments (except surgical and dental)	1	
	Signs, advertising displays, and advertising novelties	3	28
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	2	
	CITY OF TOLEDO		
1	Biscuit, crackers, and pretzels	1	
	Candy and other confectionery products	7	100
	Cheese	2	
	Chewing gum	1	
	Condensed and evaporated milk	1	
	Creamery butter	1	
	Flour and other grain-mill products	2	
	Food preparations, not elsewhere classified	5	
	Malt liquors	2	
	Meat packing, wholesale	3	
	Pickled fruits and vegetables and vegetable sauces and seasonings	3	155
	Prepared feeds (including mineral) for animals and fowls	2	
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	2	
	Wines	1	
2	Cigars	1	
	Tobacco (chewing and smoking) and snuff	1	
3	Artificial leather and oilcloth	1	
	Dyeing and finishing cotton, rayon, silk, and linen textiles	1	
	Hosiery—full-fashioned	1	
4	Canvas products (except bags)	4	427
	Coats, suits, and skirts (except fur coats)—made in contract factories	1	
	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	1	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	2	
	Housefurnishings (except curtains, draperies, and bedspreads)	1	
	Men's and boys' hats and caps (except felt and straw)	3	
	Miscellaneous fabricated textile products not elsewhere classified	1	
	Textile bags—not made in textile mills	1	
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	2	
5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	1	
6	Caskets, coffins, burial cases, and other morticians' goods	2	
	Cooperage	1	
	Household furniture, except upholstered	1	
	Mattresses and bedsprings[1]	2	
	Office furniture	1	
	CITY OF TOLEDO—Continued		
6	Upholstered household furniture	2	
	Window shades	1	
	Wooden boxes except cigar boxes	2	
	Wood preserving	3	181
	Wood products not elsewhere classified	1	
7	Converted paper products not elsewhere classified	1	
	Die-cut paper and paperboard, and converted cardboard	2	
	Paper bags, except those made in paper mills	2	
	Paperboard containers and boxes not elsewhere classified	5	
8	Books: publishing without printing	1	
	Electrotyping and stereotyping, not done in printing establishments	1	
	Engraving (steel, copperplate, and wood); plate printing	1	
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	2	
	Newspapers: publishing and printing	6	347
	Newspapers: publishing without printing	1	
9	Chemicals not elsewhere classified	1	
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	4	22
	Drugs and medicines (including drug grinding)	2	
	Insecticides, fungicides, and related industrial and household chemical compounds	1	
	Lubricating oils and greases—not made in petroleum refineries	2	
	Paints, varnishes, and lacquers	6	193
	Perfumes, cosmetics, and other toilet preparations	1	
	Plastic materials	1	
10	Oven coke and coke-oven byproducts	1	
	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	2	
	Petroleum refining	2	
12	Industrial leather belting and packing leather	2	
13	Brick and hollow structural tile	1	
	Clay refractories, including refractory cement (clay)	1	
	Concrete products	2	
	Minerals and earths, ground or otherwise treated	1	
	Mineral wool	1	
	Mirrors and other glass products made of purchased glass	3	1,025
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	2	
	Tableware, pressed or blown glass, and glassware not elsewhere classified	2	
14	Automobile stampings	2	
	Blast-furnace products	1	
	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	1	
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	2	
	Enameling, japanning, and lacquering	1	
	Forgings, iron and steel—made in plants not operated in connection with rolling mills	1	
	Gray-iron and semisteel castings	7	
	Hardware not elsewhere classified	2	
	Heating and cooking apparatus, except electric, not elsewhere classified	1	
	Malleable-iron castings	1	
	Power boilers and associated products	2	
	Safes and vaults	1	
	Saws	1	
	Screw-machine products and wood screws	1	
	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	1	
	Steel barrels, kegs, and drums	1	
	Steel castings	2	
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	1	
	Vitreous enameled products, including kitchen, household, and hospital utensils	1	
	Wirework not elsewhere classified	3	36
	Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills	1	
15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	1	
	Jewelry (precious metals)	2	
	Lighting fixtures	2	
16	Automotive electrical equipment	5	4,260
	Batteries, storage and primary (dry and wet)	1	
	Communication equipment	1	
	Radios, radio tubes, and phonographs	2	
	Wiring devices and supplies	1	

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE AKRON, CINCINNATI, CLEVELAND, DAYTON, TOLEDO, WHEELING, AND YOUNGSTOWN INDUSTRIAL AREAS, AND FOR AKRON, CANTON, CINCINNATI, CLEVELAND, COLUMBUS, TOLEDO, AND YOUNGSTOWN: 1939—Continued

Group No.[1]	INDUSTRY	Number of establishments	Wage earners
	CITY OF TOLEDO—Continued		
17	Agricultural machinery (except tractors)	1	
	Commercial laundry, dry-cleaning, and pressing machinery	1	
	Elevators, escalators, and conveyors	2	
	Food-products machinery	2	
	Industrial machinery, not elsewhere classified	3	182
	Internal-combustion engines	1	
	Machine-shop products, not elsewhere classified	10	
	Machine-shop repairs	2	
	Machine tools	2	
	Mechanical power-transmission equipment	2	
	Oil-field machinery and tools	2	
	Pumping equipment and air compressors	1	
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	1	
	Scales and balances	1	
	Woodworking machinery	1	
19	Motorcycles, bicycles, and parts	1	
	Shipbuilding and ship repairing	2	
	Transportation equipment not elsewhere classified	1	
20	Brooms	1	
	Brushes	1	
	Children's vehicles	2	
	Dental equipment and supplies	1	
	Fabricated plastic products, not elsewhere classified	2	
	Hand stamps, stencils, and brands	2	
	Miscellaneous fabricated products not elsewhere classified	1	
	Professional and scientific instruments (except surgical and dental)	1	
	Umbrellas, parasols, and canes	1	
	Wool pulling	1	
	CITY OF YOUNGSTOWN		
1	Candy and other confectionery products	2	
	Ice cream and ices	3	102
	Ice, manufactured	2	
	Malt liquors	2	
	Meat packing, wholesale	2	
	Pickled fruits and vegetables and vegetable sauces and seasonings	1	
	Poultry dressing and packing, wholesale	2	
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	1	
	Raincoats and other waterproof garments (except oiled cotton)	1	
	Textile bags—not made in textile mills	1	
	Trousers (semidress), wash suits, and washable service apparel	1	
5	Planing mills not operated in conjunction with sawmills	1	
6	Mattresses and bedsprings	2	
	Office furniture	1	
	Partitions, shelving, cabinet work, and office and store fixtures	1	
	Window shades	1	
8	Bookbinding and related industries	1	
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	1	
	Machine and hand typesetting (including advertisement typesetting)	1	
	CITY OF YOUNGSTOWN—Continued		
8	Newspapers: publishing and printing	1	
	Periodicals: publishing and printing	1	
	Periodicals: publishing without printing	1	
	Photoengraving, not done in printing establishments (including preparation of plates)	2	
9	Cleaning and polishing preparations, blackings, and dressings	1	
	Coal-tar products, crude and intermediate	1	
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	2	
	Grease and tallow (except lubricating greases)	2	
	Insecticides, fungicides, and related industrial and household chemical compounds	1	
	Paints, varnishes, and lacquers	1	
10	Oven coke and coke-oven byproducts	2	
	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	1	
11	Rubber products not elsewhere classified	1	
12	Leather gloves and mittens	1	
13	Abrasive wheels, stones, paper, cloth, and related products	1	
	Clay refractories, including refractory cement (clay)	1	
	Concrete products	5	28
	Minerals and earths, ground or otherwise treated	1	
	Mirrors and other glass products made of purchased glass	1	
	Steam and other packing; pipe and boiler covering	2	
14	Blast-furnace products	3	1,219
	Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills	1	
	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	4	1,350
	Gray-iron and semisteel castings	3	114
	Power boilers and associated products	3	145
	Stamped and pressed metal products (except automobile stampings)	1	
	Steel barrels, kegs, and drums	1	
	Steel castings	1	
15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	1	
	Electroplating, plating, and polishing	1	
	Lighting fixtures	1	
	Nonferrous-metal foundries (except aluminum)	1	
	Sheet-metal work not specifically classified	1	
16	Communication equipment	1	
	Electric lamps	2	
	Radios, radio tubes, and phonographs	1	
17	Machine-shop products, not elsewhere classified	2	
	Metalworking machinery and equipment, not elsewhere classified	3	
20	Hand stamps, stencils, and brands	1	
	Models and patterns (except paper patterns)	2	
	Signs, advertising displays, and advertising novelties	2	
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	2	

[1] For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and of industry groups, sec. 27.

TABLE 13.—ALL INDUSTRIES, BY INDUSTRY GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR DAYTON: 1939

[In order to avoid disclosing data for individual establishments, wage-earner figures for industries represented by fewer than three establishments are withheld]

Group No.[1]	TITLE	Number of establishments	Wage earners
	CITY OF DAYTON		
1	Biscuit, crackers, and pretzels	4	785
	Bread and other bakery products (except biscuit, crackers, and pretzels)	35	764
	Candy and other confectionery products	6	61
	Chewing gum	1	
	Condensed and evaporated milk	2	
	Creamery butter	3	16
	Flavoring extracts and flavoring sirups, not elsewhere classified	1	
	Flour and other grain-mill products	1	
	Food preparations, not elsewhere classified	2	
	Ice cream and ices	9	66
	Ice, manufactured	6	34
	Macaroni, spaghetti, vermicelli, and noodles	1	
	Malt liquors	3	104
	Meat packing, wholesale	6	377
	Nonalcoholic beverages	10	60
	Pickled fruits and vegetables and vegetable sauces and seasonings	1	
	Poultry dressing and packing, wholesale	2	
	Prepared feeds (including mineral) for animals and fowls	1	
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	1	
3	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	1	
4	Canvas products (except bags)	3	25
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	1	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	1	
	Raincoats and other waterproof garments (except oiled cotton)	1	
	Textile bags—not made in textile mills	1	
	Trousers (semidress), wash suits, and washable service apparel	2	
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	1	
	Work gloves and mittens: cloth, cloth and leather combined	1	
5	Planing mills not operated in conjunction with sawmills	5	106
6	Laboratory, hospital, and other professional furniture	1	
	Mattresses and bedsprings	3	22
	Partitions, shelving, cabinet work, and office and store fixtures	1	
	Upholstered household furniture	3	26
	Venetian blinds	1	
	Window and door screens and weather strip	1	
	Wooden boxes except cigar boxes	2	
	Wood products not elsewhere classified	1	
7	Coated and glazed paper	2	
	Converted paper products not elsewhere classified	2	
	Envelopes	2	
	Paper and paperboard mills	1	
	Paperboard containers and boxes not elsewhere classified	5	282
8	Bookbinding and related industries	2	
	Books: publishing and printing	1	
	Books: publishing without printing	1	
	Electrotyping and stereotyping, not done in printing establishments	3	68
	Engraving (steel, copperplate, and wood); plate printing	1	
	General commercial (job) printing	32	766
	Greeting cards (except hand-painted)	1	
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	2	
	Machine and hand typesetting (including advertisement typesetting)	4	48
	Newspapers: publishing and printing	2	
	Newspapers: publishing without printing	1	
	Periodicals: publishing and printing	4	834
	Periodicals: publishing without printing	3	
	Photoengraving, not done in printing establishments (including preparation of plates)	4	64
9	Cleaning and polishing preparations, blackings, and dressings	1	
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	1	
	Drugs and medicines (including drug grinding)	7	22
	Fertilizers	1	
	Insecticides, fungicides, and related industrial and household chemical compounds	4	14
	Paints, varnishes, and lacquers	10	296
	Printing ink	1	
	Soap and glycerin	2	
	CITY OF DAYTON—Continued		
11	Rubber products not elsewhere classified	2	
	Tires and inner tubes	1	
12	Industrial leather belting and packing leather	1	
	Leather goods not elsewhere classified	1	
13	Concrete products	2	
	Mirrors and other glass products made of purchased glass	2	
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	3	15
14	Cast-iron pipe and fittings	1	
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	1	
	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	6	138
	Forgings, iron and steel—made in plants not operated in connection with rolling mills	1	
	Gray-iron and semisteel castings	10	1,543
	Hardware not elsewhere classified	2	
	Power boilers and associated products	4	108
	Screw-machine products and wood screws	5	75
	Stamped and pressed metal products (except automobile stampings)	1	
	Steam fittings, regardless of material	1	
	Steel castings	1	
	Tools (except edge tools, machine tools, files, and saws)	1	
15	Aluminum ware, kitchen, hospital, and household (except electrical appliances)	1	
	Electroplating, plating, and polishing	5	57
	Engraving on metal (except for printing purposes)	1	
	Jewelry (precious metals)	1	
	Lighting fixtures	1	
	Nonferrous-metal foundries (except aluminum)	5	36
	Nonferrous-metal products not elsewhere classified	1	
	Sheet-metal work not specifically classified	1	
16	Batteries, storage and primary (dry and wet)	1	
	Communication equipment	1	
	Electrical measuring instruments	2	
	Electrical products not elsewhere classified	1	
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	3	1,433
	Wiring devices and supplies	1	
17	Blowers; exhaust and ventilating fans	2	
	Elevators, escalators, and conveyors	2	
	Food-products machinery	1	
	Industrial machinery, not elsewhere classified	2	
	Machine-shop products, not elsewhere classified	10	252
	Machine-shop repairs	2	
	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	30	945
	Measuring and dispensing pumps	1	
	Mechanical power-transmission equipment	1	
	Metalworking machinery and equipment, not elsewhere classified	1	
	Office and store machines not elsewhere classified	3	5,269
	Paper-mill, pulp-mill, and paper-products machinery	3	277
	Pumping equipment and air compressors	7	340
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	3	2,297
	Scales and balances	1	
	Special-industry machinery, not elsewhere classified	2	
	Stokers, mechanical, domestic and industrial	1	
	Woodworking machinery	1	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	9	7,253
19	Aircraft and parts, including aircraft engines	6	130
	Motorcycles, bicycles, and parts	1	
20	Brooms	1	
	Fabricated plastic products, not elsewhere classified	2	
	Fire extinguishers, chemical	1	
	Games and toys (except dolls and children's vehicles)	1	
	Hand stamps, stencils, and brands	1	
	Miscellaneous fabricated products not elsewhere classified	2	
	Models and patterns (except paper patterns)	9	38
	Ophthalmic goods: lenses and fittings	2	
	Photographic apparatus and materials and projection equipment (except lenses)	1	
	Signs, advertising displays, and advertising novelties	8	70
	Sporting and athletic goods not elsewhere classified	1	
	Umbrellas, parasols, and canes	1	

[1] For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and of industry groups, see 27

OKLAHOMA

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939

KEY TO PLACES

ADA	18	NORMAN	13
ARDMORE	20	OKLAHOMA CITY	10
BARTLESVILLE	1	OKMULGEE	9
CHICKASHA	12	PONCA CITY	2
DURANT	21	SAPULPA	6
EL RENO	11	SEMINOLE	15
ENID	3	SHAWNEE	14
GUTHRIE	4	STILLWATER	5
LAWTON	19	TULSA	7
MC ALESTER	17	WEWOKA	16
MUSKOGEE	8		

UNDER 250 WAGE EARNERS

250 TO 999 WAGE EARNERS

1,000 OR MORE WAGE EARNERS

PLACES OF 10,000 TO 99,999 POPULATION

PLACES OF 100,000 OR MORE POPULATION

Prepared by the Bureau of the Census, Department of Commerce

OKLAHOMA

Table 1.—SUMMARY FOR THE STATE: 1939, 1937, AND 1929

Census year	Number of establishments	Proprietors and firm members	Number of persons employed in manufacturing [1]	Salaries and wages [1]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2]	Value of products [2]	Value added by manufacture [3]
1939	1,606	1,122	33,528	$41,544,684	$209,050,080	$312,168,499	$103,118,419
1937	1,428	927	35,593	46,456,118	255,470,399	366,088,721	110,618,322
1929	1,616	988	35,762	52,921,079	300,752,264	444,786,008	144,033,744

[1] Figure for 1939 does not include data for employees of manufacturing establishments (except salaried officers of corporations) who were engaged in distribution, construction, and other nonmanufacturing work. For detail, see table 8. It is not known to what extent data for such nonmanufacturing employees were included in figures reported for earlier years. See General Explanations—Persons engaged—general classification.

[2] The aggregates for cost of materials, etc., and value of products include large amounts of duplication due to the use of the products of some industries as materials by others. See General Explanations—Duplication in cost of materials and value of products.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See General Explanations—Value added by manufacture.

Table 2.—SUMMARY FOR COUNTIES AND PLACES: 1939

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2,3]	Value of products [2,3]	Value added by manufacture [4]
The State	2,336,434	[5] 1,606	28,114	$30,465,185	$209,050,080	$312,168,499	$103,118,419
Counties [5]							
Adair	15,755	4	39	15,555	21,819	53,889	32,070
Alfalfa	14,129	5	13	9,888	85,637	150,349	64,712
Atoka	18,702	13	85	44,202	91,474	229,333	137,859
Beaver [6]	8,648	2					
Beckham	22,169	18	162	136,989	1,416,790	1,925,761	508,971
Blaine	18,543	12	164	170,304	754,244	1,706,114	951,870
Bryan	38,138	15	112	87,612	651,478	1,035,908	384,430
Caddo [6]	41,567	20	192				
Canadian	27,329	14	197	219,843	3,988,383	5,419,774	1,431,391
Carter	43,292	31	238	224,334	2,612,922	3,525,530	912,608
Cherokee [6]	21,030	3	10				
Choctaw	28,358	13	124	87,986	728,767	1,010,157	281,390
Cimarron	3,654						
Cleveland	27,728	13	67	52,318	176,736	425,841	249,105
Coal	12,811	3	10	4,705	10,673	33,490	22,817
Comanche	38,988	19	164	149,210	1,317,256	1,941,299	624,043
Cotton	12,884	8	32	28,106	262,854	357,752	94,898
Craig	21,083	9	33	29,113	147,428	276,626	129,198
Creek	55,503	40	1,000	1,102,466	10,984,505	13,211,954	2,227,449
Custer	23,068	21	143	131,983	976,771	1,431,117	454,346
Delaware [6]	18,592	1					
Dewey [6]	11,981	2					
Ellis [6]	8,466	2					
Garfield	45,484	51	921	976,532	15,140,193	19,610,434	4,470,241
Garvin	31,150	13	52	34,411	268,547	472,111	203,564
Grady	41,116	24	272	193,218	1,756,218	2,430,052	673,834
Grant [6]	13,128	9	23				
Greer	14,550	9	67	44,406	211,370	337,683	126,313
Harmon [6]	10,019	4	22				
Harper	6,454	4	7	6,707	90,711	118,581	27,870
Haskell	17,324	5	29	18,563	8,586	50,840	42,254
Hughes	29,189	10	32	29,506	74,306	173,622	99,316
Jackson	22,708	15	227	133,285	1,314,491	1,869,024	554,533
Jefferson	15,107	6	18	12,544	186,204	260,781	74,577
Johnston [6]	15,960	3	28				
Kay	47,084	48	1,789	2,670,183	22,958,648	28,425,644	5,466,996
Kingfisher [6]	15,617	7	71				
Kiowa	22,817	8	88	50,489	654,094	800,258	146,164
Latimer	12,380	6	52	26,666	110,097	174,474	64,377
Le Flore	45,866	22	509	338,545	765,137	1,510,042	744,905
Lincoln	29,529	12	106	92,635	450,713	787,018	336,305
Logan	25,245	15	139	131,224	872,743	1,406,488	533,745
Love [6]	11,433	2					
Major [6]	11,946	5	64				
Marshall	12,384	4	14	10,057	17,759	50,092	32,333
Mayes	21,668	4	16	10,695	21,090	54,589	33,499
McClain	19,205	7	37	26,099	174,206	253,526	79,320
McCurtain	41,318	15	1,183	806,313	825,966	2,506,363	1,680,397
McIntosh	24,097	4	7	5,160	32,736	59,117	26,381
Murray	13,841	6	20	20,019	102,554	178,950	76,396

See footnotes at end of table.

TABLE 2.—SUMMARY FOR COUNTIES AND PLACES: 1939—Continued

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2] [3]	Value of products [2] [3]	Value added by manufacture [4]
COUNTIES [5]—continued							
Muskogee	65,914	67	896	$587,252	$4,102,704	$6,248,430	$2,145,726
Noble	14,826	9	30	27,807	69,135	180,471	111,336
Nowata	15,774	8	42	45,760	77,092	197,394	120,302
Okfuskee	26,279	7	23	18,619	96,255	172,404	76,149
Oklahoma	244,159	325	6,107	6,676,706	43,097,999	68,532,988	25,434,989
Okmulgee	50,101	33	1,320	1,859,780	7,584,694	11,325,584	3,740,890
Osage	41,502	18	309	381,180	2,800,774	4,322,375	1,521,601
Ottawa	35,849	19	186	166,956	986,041	1,549,500	563,459
Pawnee [6]	17,395	7	117				
Payne	36,057	29	585	780,443	8,901,678	11,178,467	2,276,789
Pittsburg	48,985	23	167	128,853	622,557	1,237,365	614,808
Pontotoc	39,792	28	626	661,066	3,566,203	6,729,978	3,163,775
Pottawatomie	54,377	39	519	407,933	3,200,865	4,715,197	1,514,332
Pushmataha	19,466	10	254	146,159	342,108	634,548	292,440
Roger Mills [6]	10,736	2					
Rogers	21,078	9	24	21,338	88,924	168,958	80,034
Seminole	61,201	25	168	198,537	403,139	1,109,856	706,717
Sequoyah [6]	23,138	2					
Stephens [6]	31,090	21	388				
Texas	9,896	7	15	10,480	35,318	81,707	46,389
Tillman [6]	20,754	10	132				
Tulsa	193,363	265	6,387	7,628,238	44,075,236	70,485,626	26,410,390
Wagoner	21,642	3	7	7,673	14,337	52,126	37,789
Washington	30,559	20	985	1,232,801	3,399,843	7,969,851	4,570,008
Washita	22,279	7	24	19,127	78,710	139,260	60,550
Woods	14,915	13	82	74,795	1,002,949	1,375,746	372,797
Woodward	16,270	14	116	64,761	720,044	993,430	273,386
Undistributed [8]		102	1,074	1,187,050	13,519,369	18,502,655	4,983,286
PLACES HAVING 10,000 OR MORE INHABITANTS							
Ada	15,143	19	196	183,202	1,241,286	2,085,949	844,663
Ardmore [9]	16,886	26	183				
Bartlesville [9]	16,267	15	220				
Chickasha	14,111	19	258	184,506	1,728,558	2,367,611	639,053
Durant	10,027	15	112	87,612	651,478	1,035,908	384,430
El Reno [9]	10,078	12	122				
Enid [9]	28,081	46	626				
Guthrie [9]	10,018	13	103				
Lawton [9]	18,055	17	159				
McAlester	12,401	16	143	111,411	571,403	1,097,160	525,757
Muskogee	32,332	61	841	569,885	3,980,847	6,079,954	2,099,107
Norman [9]	11,429	10	57				
Oklahoma City	204,424	300	3,948	4,276,899	19,947,488	37,989,740	18,042,252
Okmulgee	16,051	17	176	160,107	477,549	989,401	511,852
Ponca City	16,794	23	138	168,495	783,535	1,375,811	592,276
Sapulpa	12,249	15	384	396,435	1,444,075	2,253,361	809,286
Seminole	11,547	11	89	116,077	243,767	666,161	422,394
Shawnee	22,053	32	445	354,373	3,011,494	4,395,690	1,384,196
Stillwater	10,097	14	146	142,961	1,115,957	1,650,573	534,616
Tulsa	142,157	212	2,861	3,261,460	10,036,611	22,670,597	12,633,986
Wewoka	10,315	6	31	27,783	52,805	160,262	107,457

[1] Not including salaried officers and employees nor nonmanufacturing wage earners. The figure for each county or place is an average of the numbers reported for the several months of the year. In calculating it, equal weight must be given to full-time and to part-time wage earners (not reported separately by the manufacturers), and for this reason it exceeds the number that would have been required to perform the work done in the industries if all wage earners had been continuously employed throughout the year. The quotient obtained by dividing the amount of wages by the average number of wage earners cannot, therefore, be accepted as representing the average wage received by full-time wage earners. Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several counties do not add exactly to the average for the State. In making comparisons between the figures for 1939 and those for earlier years, the possibility that the proportion of part-time employment varied from year to year should be taken into account.

[2] Profits and losses cannot be calculated from the census figures because no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, and advertising.

[3] See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

[5] For numbers of establishments by "Industry groups," see table 10.

[6] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Undistributed" figures.

[7] No manufacturing reported.

[8] The "Undistributed" figure for number of establishments and a part of the "Undistributed" figure for number of wage earners are included above in the items for the respective counties. The sums of the figures in these two columns are, therefore, larger than the corresponding State totals.

[9] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments.

TABLE 3.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, BY SEX: 1939 AND 1929

[The 1939 questionnaire, for the first time, called for data on the *total* number of employees in manufacturing establishments, including those engaged wholly or chiefly in distribution, construction, and other nonmanufacturing activities. It is not known to what extent data for such employees were included in the figures reported for earlier years. This table presents detailed figures for employees receiving pay at any time within the *normal* pay-roll period ended nearest Oct. 14, 1939, and for such employees on the pay roll on Dec. 14, 1929, or on the nearest *representative* date. The total for "Wage earners engaged in manufacturing" is not identical with the average for the year (given in other tables), and differs from the number reported for October 1939 or for December 1929, because for both years some manufacturers gave wage-earner figures for months other than those specified. See GENERAL EXPLANATIONS—Persons engaged—general classification]

CLASS AND SEX	1939 (Oct. 14)[1]	1929 (Dec. 14)[1]
All classes, aggregate[2]	39,541	35,705
Male	35,486	32,403
Female	4,055	3,302
Salaried officers and employees, total	10,113	6,695
Male	8,611	5,435
Female	1,502	1,260
Salaried officers of corporations, total	752	789
Male	684	734
Female	68	55
All other employees (except wage earners in manufacturing), total	9,361	5,906
Male	7,927	4,701
Female	1,434	1,205
Salaried officers and employees—Continued.		
All other employees, etc.—Continued.		
Engaged in manufacturing:		
Male	3,687	(3)
Female	975	
Engaged in distribution:		
Male	3,816	
Female	444	
Engaged in construction:		
Male	260	
Engaged in other work:		
Male	164	
Female	15	
Wage earners engaged in manufacturing, total	29,428	29,010
Male	26,875	26,968
Female	2,553	2,042

[1] See headnote.
[2] Figures do not include data for 1,122 proprietors and firm members for 1939 and 988 for 1929, which were not reported by sex for 1939.
[3] No data.

TABLE 4.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS: 1939, 1937, AND 1929

[The figures for 1939 relate to wage earners engaged in manufacturing only. It is not known to what extent the figures for earlier years include data for nonmanufacturing wage earners. See headnote to table 3]

CENSUS YEAR	Average number employed during year[1]	NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH—											
		January	February	March	April	May	June	July	August	September	October	November	December
1939	28,114	26,034	26,378	26,907	27,355	27,903	28,343	28,565	28,064	28,599	28,910	30,599	29,709
1937	29,551	27,703	27,672	28,755	29,713	30,857	30,748	30,941	30,633	30,847	29,816	29,163	27,759
1929	29,067	27,424	27,177	27,594	27,819	28,245	29,383	29,871	30,996	31,204	30,837	28,867	29,386

[1] See GENERAL EXPLANATIONS—Wage earners and wages.

TABLE 5.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY NUMBER OF WAGE EARNERS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR)[1]		VALUE OF PRODUCTS	VALUE ADDED BY MANUFACTURE[2]
	1939	1929	1939	1929	1939	1939
All establishments	1,606	1,610	28,114	29,067	$312,168,499	$103,118,419
No wage earners	46	32			754,012	424,376
1 to 5	897	873	2,458	2,513	22,114,619	11,407,957
6 to 20	417	457	4,471	4,770	36,782,878	15,543,196
21 to 50	154	149	4,795	4,639	53,471,824	17,934,056
51 to 100	45	53	3,141	3,701	33,120,881	11,565,385
101 to 250	31	26	4,931	4,080	70,353,682	20,649,960
251 to 500	8	13	2,692	4,272	25,227,760	7,961,108
501 or more	8	7	5,626	5,092	70,342,843	17,632,381

[1] See headnotes to tables 3 and 4.

[2] See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 6.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY VALUE OF PRODUCTS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
All establishments	1,606	1,610	28,114	29,067	$312,168,499	$444,786,008	$103,118,419	$144,033,744
$5,000 to $19,999	668	601	1,728	1,565	7,403,075	6,750,820	4,519,404	4,342,098
$20,000 to $49,999	374	424	2,314	2,378	12,036,927	13,647,973	6,875,171	8,209,523
$50,000 to $99,999	216	208	2,288	2,286	15,108,885	14,447,575	7,952,063	8,624,901
$100,000 to $249,999	165	168	3,141	3,462	25,644,084	26,382,831	10,928,407	13,551,959
$250,000 to $499,999	70	74	2,285	2,930	25,229,232	26,554,237	9,239,100	10,798,302
$500,000 to $999,999	62	55	4,245	2,790	43,801,287	38,716,760	16,243,654	12,184,675
$1,000,000 to $2,499,999	30	48	4,395	5,041	43,991,136	73,503,039	16,952,955	24,931,917
$2,500,000 to $4,999,999	12	19	[3] 7,718	3,156	[3] 138,953,873	67,661,017	[3] 30,407,665	17,739,045
$5,000,000 and over	9	13		5,459		177,121,756		43,651,324

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Combined to avoid disclosing data for individual establishments.

TABLE 7.—ESTABLISHMENTS CLASSIFIED AS UNDER CORPORATE OR OTHER FORM OF OWNERSHIP (OR CONTROL) AND AS UNDER CENTRAL-ADMINISTRATIVE-OFFICE OR INDEPENDENT OPERATION: 1939 AND 1929

TYPE OF OWNERSHIP OR CONTROL, AND OF OPERATION	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
Total	1,606	1,610	28,114	29,067	$312,168,499	$444,786,008	$103,118,419	$144,033,744
TYPE OF OPERATION								
1939 [3]								
Corporate ownership or control:								
Central-administrative-office (plural-unit)	332	(3)	15,703	(3)	197,050,865	(3)	54,407,725	(3)
Independent (single-unit)	415	(3)	7,655	(3)	81,081,263	(3)	34,963,644	(3)
Noncorporate ownership:								
Central-administrative-office (plural-unit)	75	(3)	729	(3)	5,448,500	(3)	1,976,658	(3)
Independent (single-unit)	784	(3)	4,027	(3)	28,587,871	(3)	11,770,392	(3)
1939 AND 1929 [3]								
Central-administrative-office (plural-unit), corporate and noncorporate	407	307	16,432	14,574	202,499,365	293,572,794	56,384,383	81,454,639
Independent (single-unit), corporate and noncorporate	1,199	1,303	11,682	14,493	109,669,134	151,213,214	46,734,036	62,579,105
TYPE OF OWNERSHIP OR CONTROL								
Corporate	747	751	23,358	24,797	278,132,128	415,771,541	89,371,369	130,272,058
Noncorporate, total	859	859	4,756	4,270	34,036,371	29,014,467	13,747,050	13,761,686
Individual	602	(4)	3,214	(4)	21,422,781	(4)	8,416,058	(4)
Partnership	239	(4)	1,392	(4)	10,381,460	(4)	4,577,182	(4)
Cooperative	9	(4)	45	(4)	1,285,355	(4)	159,057	(4)
Other	9	(4)	105	(4)	946,775	(4)	594,753	(4)

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Because of changes in the questionnaire, no comparable figures for 1929 can be given for the first section of this table. For this reason, the items have been regrouped under "1939 and 1929" to present comparable figures so far as this can be done.
[4] No data.

TABLE 8.—GENERAL STATISTICS FOR

[This table presents separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments, given, however, reported larger numbers of wage earners or

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS ENGAGED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [3]	Manufacturing: Salaried employees [3]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
1		All industries, total	1,606	1,122	38,227	752	4,662	28,114	4,260	260	179
2	9	Bone black, carbon black, and lampblack	3		55		11	44			
3	8	Bookbinding and related industries	6	8	42	2	2	35	3		
4	8	Books: printing without publishing	3	1	84	8	10	61	5		
5	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	222	240	2,307	18	136	1,856	257	9	31
6	13	Brick and hollow structural tile	11	3	312	4	33	268	7		
7	20	Brooms	10	11	50		5	44	1		
8	1	Candy and other confectionery products	14	13	192	5	8	164	15		
9	1	Canned and dried fruits and vegetables (including canned soups)	4	4	197		2	195			
10	4	Canvas products (except bags)	3		45	6	4	25	9		1
11	19	Cars and car equipment—railroad, street, and rapid-transit	4		45		5	40			
12	6	Caskets, coffins, burial cases, and other morticians' goods	9	7	82	6	11	47	18		
13	1	Cheese	9	2	86	1	19	50	9	7	
14	9	Chemicals not elsewhere classified	3		122		21	100	1		
15	9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	7		73	2	11	44	16		
16	13	Concrete products	21	28	263	11	23	206	22		1
17	1	Condensed and evaporated milk	6	5	32		4	26	2		
18	9	Cottonseed oil, cake, meal, and linters	29	3	800	20	120	651	5	4	
19	1	Creamery butter	52	29	970	15	143	573	200	31	8
20	15	Electroplating, plating, and polishing	3	1	18	2	3	13			
21	9	Explosives	3		10			5	5		
22	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	12	2	865	26	80	629	129		1
23	1	Flour and other grain-mill products	40	11	1,397	49	172	881	276	6	13
24	1	Food preparations, not elsewhere classified	17	14	252	1	8	234	9		
25	8	General commercial (job) printing	91	78	559	40	73	381	65		
26	13	Glass containers	5		764	7	62	650	13	32	
27	14	Gray-iron and semisteel castings	13	5	222	13	20	187	2		
28	4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	5	4	81	4	10	64	3		
29	1	Ice cream and ices	35	24	428	9	51	176	175	15	2
30	1	Ice, manufactured	158	72	1,239	32	122	428	624	8	25
31	17	Industrial machinery, not elsewhere classified	6	3	50	2	10	38			
32	9	Insecticides, fungicides, and related industrial and household chemical compounds	9	3	70	4	17	25	21		3
33	8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	6	5	45	4	7	30	4		
34	9	Lubricating oils and greases—not made in petroleum refineries	6	2	112	10	17	40	43	1	1
35	8	Machine and hand typesetting (including advertisement typesetting)	4	3	18	3		14	1		
36	17	Machine-shop products, not elsewhere classified	27	22	234	13	40	162	19		
37	17	Machine-shop repairs	42	46	235	4	24	198	8		1
38	1	Malt liquors	3		122	7	14	67	34		
39	6	Mattresses and bedsprings	13	15	167	4	12	134	17		
40	1	Meat packing, wholesale	25	19	2,893	18	270	2,037	549	12	7
41	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	8	7	92	3	9	77	3		
42	8	Newspapers: publishing and printing	154	145	2,906	84	965	1,373	479	5	
43	1	Nonalcoholic beverages	89	69	938	46	95	329	445		23
44	15	Nonferrous-metal foundries (except aluminum)	4	3	41	3	7	31			
45	17	Oil-field machinery and tools	41	19	1,527	38	184	1,215	72	13	5
46	9	Paints, varnishes, and lacquers	4	1	57	6	13	18	16		4
47	7	Paperboard containers and boxes not elsewhere classified	4		178	5	10	140	23		
48	9	Perfumes, cosmetics, and other toilet preparations	3	3	10		2	8			
49	8	Periodicals: publishing and printing	8	2	331	6	113	174	38		
50	8	Periodicals: publishing without printing	17	3	55	5	40	2	8		
51	10	Petroleum refining	27	2	5,153	27	645	4,278	117	77	9
52	8	Photoengraving, not done in printing establishments (including preparation of plates)	5	1	52	4	12	29	7		
53	5	Planing mills not operated in conjunction with sawmills	30	20	508	18	47	414	26	2	1
54	1	Poultry dressing and packing, wholesale	30	27	811	4	42	693	48	1	23
55	14	Power boilers and associated products	11	3	840	19	159	605	57		
56	1	Prepared feeds (including mineral) for animals and fowls	25	29	375	8	35	247	85		
57	15	Primary smelting and refining of nonferrous metals	3		1,304		71	1,222		11	
58	17	Pumping equipment and air compressors	10	1	354	13	61	233	40	3	4
59	1	Salad dressings	6	4	80	5	6	53	13		3
60	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	6	4	56		5	51			
61	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	39	23	2,031	4	117	1,891	17	1	1
62	15	Sheet-metal work not specifically classified	8	9	71	1	10	58	2		
63	20	Signs, advertising displays, and advertising novelties	9	6	71	5	7	45	14		
64	14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	4	3	37	1	5	31			

See footnotes at end of table.

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and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures are larger values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
		Manufacturing												
Total [2]	Salaries of officers of corporations [2]	Salaries [2]	Wages	Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
47,970,106	3,243,023	7,836,476	30,465,185	5,948,427	291,006	185,989	209,050,080	201,082,131	4,859,541	2,496,604	611,804	312,168,499	103,118,419	1
(5)		(5)	(5)				(5)	(5)		(5)		(5)	(5)	2
50,814	8,205	1,800	36,817	3,992			39,755	37,016	404	1,903	432	155,051	115,296	3
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)	(5)	(5)	(5)	4
2,404,889	70,602	205,967	1,879,537	220,293	10,110	18,380	4,862,700	4,630,058	102,943	129,699		10,052,666	5,189,966	5
252,129	9,560	48,269	185,467	8,696	137		171,248	54,464	88,102	28,682		723,209	551,961	6
37,179		4,604	31,535	1,040			97,033	94,809	495	1,729		152,707	55,674	7
147,100	17,300	5,960	98,930	24,910			601,846	593,566	4,775	3,505		940,326	338,480	8
(5)		(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)	9
52,166	12,525	3,348	20,897	14,668		728	53,592	52,641	176	775		115,042	61,450	10
62,411		9,399	53,012				36,176	34,908	241	1,027		99,633	63,457	11
93,734	19,438	13,006	34,584	26,706			159,200	156,288	481	2,431		321,383	162,183	12
87,881	4,590	27,788	47,736	6,495	1,272		666,611	650,354	7,418	8,839		843,396	176,785	13
(5)		(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)	14
127,687	1,975	27,137	56,789	41,786			148,521	117,461	2,689	28,371		490,592	342,071	15
260,410	33,792	31,517	165,190	28,637		1,274	810,103	801,112	2,141	6,850		1,426,766	616,663	16
23,499		5,604	16,335	1,560			217,945	205,734	7,244	4,967		275,070	57,125	17
652,659	69,800	198,311	369,970	6,545	8,033		4,838,467	4,734,501	78,131	25,835		6,142,384	1,303,917	18
979,954	39,619	204,233	498,309	197,881	30,402	9,510	11,072,511	10,913,737	67,351	91,423		13,162,718	2,090,207	19
26,584	3,000	5,046	18,538				16,174	14,580	1,305	289		51,496	35,322	20
23,965			10,765	13,200			58,911	58,617	294			465,641	406,730	21
1,167,634	156,613	147,416	580,443	282,162		1,000	3,345,968	3,307,125	10,139	28,704		5,745,194	2,399,226	22
1,999,742	242,744	318,398	969,139	443,044	7,687	18,730	16,727,117	16,467,118	101,388	158,611		23,023,319	6,296,202	23
157,147	7,040	7,709	133,174	9,224			1,405,921	1,392,651	5,757	7,213	300	1,682,467	276,546	24
751,622	128,958	96,265	432,128	94,271			740,833	664,131	6,846	23,665	46,191	2,100,587	1,359,754	25
925,930	79,684	118,459	690,935	28,215	8,637		1,746,156	1,517,207	182,776	46,173		3,340,669	1,594,513	26
224,639	28,936	30,991	161,712	3,000			137,726	109,964	21,231	5,963	568	464,784	327,058	27
47,333	5,149	9,185	30,707	2,292			55,453	54,302	206	895	50	131,833	76,380	28
397,254	21,817	75,651	139,454	158,921	948	463	1,357,889	1,283,011	19,811	55,067		2,551,379	1,193,490	29
1,225,763	90,802	178,553	411,039	501,637	18,402	25,330	630,330	190,143	192,263	243,940	3,984	3,427,114	2,796,784	30
66,143	5,638	17,011	43,494				65,228	62,581	713	1,834	100	181,419	116,191	31
132,782	9,890	31,841	32,796	55,633		2,622	178,065	173,822	1,666	2,577		491,264	313,199	32
70,623	16,340	10,145	33,874	10,264			53,134	50,338	762	2,034		161,396	108,262	33
185,324	52,826	23,251	42,102	64,811	1,213	1,121	577,630	569,193	4,250	4,187		999,502	421,872	34
31,083	7,500		22,751	832			5,044	3,790	444	680	130	53,064	48,020	35
349,048	42,507	55,607	196,080	54,854			271,053	254,201	6,078	10,624	150	951,239	680,186	36
326,348	17,395	43,247	254,067	10,826		813	191,727	165,292	5,423	19,255	1,757	836,412	644,685	37
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)	38
161,275	6,665	12,400	122,451	19,700		59	398,926	392,463	1,607	4,856		710,122	311,196	39
3,789,008	83,537	492,983	2,353,077	833,757	18,724	6,930	26,040,372	25,860,664	130,823	48,885		33,001,703	6,961,331	40
99,717	7,351	12,565	77,894	1,907			106,095	97,306	2,265	6,524		278,884	172,789	41
4,209,132	400,621	1,296,014	1,789,835	720,816	1,846		2,209,687	2,067,895	34,673	99,869	7,250	10,288,965	8,079,278	42
1,119,179	178,531	133,688	239,045	547,786		20,129	2,530,209	2,448,557	19,031	46,214	16,407	5,885,053	3,354,844	43
(5)	(5)	(5)	(5)				(5)	(5)	(5)	(5)		(5)	(5)	44
2,245,528	149,297	372,074	1,536,345	168,316	14,994	4,502	3,692,101	3,559,695	44,253	80,547	7,606	8,523,190	4,831,089	45
(5)	(5)	(5)	(5)	(5)		(5)	(5)	(5)	(5)	(5)		(5)	(5)	46
246,875	52,172	21,983	133,251	35,566	3,903		748,898	739,249	3,388	6,261		1,280,655	531,757	47
(5)		(5)	(5)				(5)	(5)	(5)	(5)		(5)	(5)	48
548,037	50,232	193,035	229,125	75,645			240,075	208,886	1,976	7,920	21,293	1,332,989	1,092,914	49
83,577	8,200	62,743	500	12,134			114,900	820		135	113,945	251,387	136,487	50
8,578,455	174,374	1,447,738	6,598,413	231,833	113,306	12,791	88,581,628	85,456,699	2,450,935	666,393	7,601	106,666,837	18,085,209	51
146,448	42,772	28,049	55,419	20,208			37,750	33,018	729	3,168	835	239,257	201,507	52
485,811	50,683	75,421	309,704	45,616	2,975	1,412	1,217,120	1,183,535	2,888	20,133	10,564	2,024,547	807,427	53
447,823	15,000	62,333	305,814	30,063	1,638	32,975	4,247,618	4,212,365	20,474	14,779		4,987,647	740,029	54
1,260,206	90,985	310,963	739,341	118,917			3,500,108	3,425,582	8,759	60,601	5,166	6,355,993	2,855,885	55
393,661	23,800	45,427	215,041	109,393			3,252,184	3,190,818	18,416	42,950		4,626,374	1,374,190	56
1,791,926		171,057	1,607,113		13,756		6,269,516	5,678,856	519,791	70,869		9,122,686	2,853,170	57
643,701	86,957	127,001	337,996	82,429	5,813	3,505	768,178	745,028	4,873	17,777	500	2,814,362	2,046,184	58
81,869	16,331	7,965	35,093	18,477		4,003	435,346	430,613	1,830	2,903		596,110	160,764	59
(5)		(5)	(5)			(5)	(5)	(5)	(5)	(5)		(5)	(5)	60
1,435,907	9,450	161,717	1,245,911	17,229	1,008	592	1,375,782	1,162,955	7,900	3,635	201,292	3,863,884	2,488,102	61
73,338	5,200	11,048	52,584	4,506			163,224	158,674	762	2,472	1,316	302,642	139,418	62
80,908	7,229	7,651	46,246	19,782			46,176	43,422	818	1,877	59	172,278	126,102	63
36,558	3,600	3,891	29,067				33,237	32,100	580	557		85,452	52,215	64

TABLE 8.—GENERAL STATISTICS FOR THE

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS ENGAGED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
		All industries—Continued.									
1	13	Tableware, pressed or blown glass, and glassware not elsewhere classified	3		305	7	32	262	4	.....	.....
2	6	Venetian blinds	5	3	43	3	12	22	6	.....	.....
3	6	Window and door screens and weather strip	3	1	149	5	23	71	46	.....	4
4	6	Wood preserving	4		156	1	17	138		.....	.....
5		Other industries [6]	146	68	5,355	117	478	4,489	233	22	16
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]									
6	1	Food and kindred products	21	10	527	8	32	443	39	.....	5
7	6	Furniture and finished lumber products	15	11	497	12	40	373	68	.....	4
8	8	Printing, publishing, and allied industries	8	6	107	10	21	70	6		.....
9	9	Chemicals and allied products	21	7	331	15	54	226	31	1	4
10	13	Stone, clay, and glass products	14	2	1,449	17	100	1,283	34	14	1
11	14	Iron and steel and their products, except machinery	9	4	391	9	52	328	2	.....	.....
12	15	Nonferrous metals and their products	11	6	197	11	33	152	1	.....	.....
13	16	Electrical machinery	5	1	133	3	21	105	4	.....	.....
14	17	Machinery (except electrical)	11	3	172	9	24	111	19	7	2
15	20	Miscellaneous industries	13	9	125	7	16	85	17	.....	.....
16	3	Textile-mill products and other fiber manufactures	1	9	1,426	16	85	1,313	12	.....	.....
	4	Apparel and other finished products made from fabrics and similar materials	6								
	7	Paper and allied products	1								
	10	Products of petroleum and coal	1								
	11	Rubber products	3								
	12	Leather and leather products	2								
	18	Automobiles and automobile equipment	3								
	19	Transportation equipment except automobiles	1								

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.

[2] Figures do not include data for personnel of central-administrative offices.

[3] Each of the averages in the "Wage earners" column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	1
47,063	5,475	14,491	21,231	5,466	----------	400	72,551	70,924	286	841	500	151,992	79,441	2
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	3
109,561	1,200	19,179	89,182	----------	----------	----------	819,542	803,356	10,612	5,574	----------	1,117,969	298,427	4
6,513,067	569,116	789,342	4,597,201	512,486	26,202	18,720	10,808,790	9,663,936	647,929	333,117	163,808	25,927,799	15,119,009	5
543,744	63,095	61,549	323,996	88,427	----------	6,677	2,044,266	1,998,452	23,733	22,081	----------	3,511,475	1,467,209	6
640,419	87,699	53,260	358,239	137,171	550	3,500	1,429,660	1,416,128	1,894	9,038	2,600	2,460,839	1,031,179	7
213,668	77,740	24,268	108,302	3,358	----------	----------	249,606	125,147	1,361	3,662	119,436	662,166	412,560	8
488,594	48,027	90,506	292,972	50,664	2,343	4,082	1,149,686	1,040,170	70,025	39,491	----------	2,386,772	1,237,086	9
2,020,810	36,653	187,111	1,625,838	147,704	21,300	2,204	1,810,831	1,274,415	450,638	45,401	40,377	6,887,716	5,076,885	10
569,037	55,862	113,106	393,859	6,210	----------	----------	671,238	542,663	64,063	64,512	----------	1,852,042	1,180,804	11
272,699	38,789	61,998	170,812	1,100	----------	----------	472,533	454,977	12,098	5,458	----------	913,332	440,799	12
153,211	23,250	30,709	94,620	4,632	----------	----------	367,042	353,420	2,701	10,026	895	642,323	275,281	13
242,470	44,050	40,860	124,860	28,434	2,009	2,257	537,092	527,819	2,306	6,467	500	991,828	454,736	14
147,197	33,246	23,264	72,106	18,581	----------	----------	273,891	268,919	830	4,142	----------	519,171	245,280	15
1,221,218	60,705	102,711	1,031,597	26,205	----------	----------	1,802,945	1,661,826	18,280	122,839	----------	5,100,135	3,297,190	16

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[6] For numbers of establishments and of wage earners in individual industries, see table 11.

TABLE 9. GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939

[This table presents, for each city in the State having 100,000 or more inhabitants, separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of these industries for which combined figures are given, however, reported larger numbers of wage earners or larger values of products than some of those shown separately. No data for nonmanufacturing personnel, except salaried officers of corporations, are included in this table]

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
						OKLAHOMA CITY						
	All industries, total	300	172	187	809	3,948	$813,398	$1,355,200	$4,276,899	$19,947,488	$37,989,740	$18,042,252
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	31	31	6	37	507	37,010	62,870	572,508	1,300,718	3,023,390	1,722,672
20	Brooms	3	4		3	16		2,872	13,039	34,666	51,123	16,457
1	Candy and other confectionery products	5	3	5	6	104	(4)	(4)	(4)	(4)	(4)	(4)
6	Caskets, coffins, burial cases, and other morticians' goods	3		3	6	22	(4)	(4)	(4)	(4)	(4)	(4)
9	Compressed and liquefied gases (not made in petroleum refineries or in natural-gasoline plants)	3			5	20		(4)	(4)	(4)	(4)	(4)
13	Concrete products	6	6	6	9	74	18,225	13,594	70,626	383,703	690,295	306,592
9	Cottonseed oil, cake, meal, and linters	3		4	22	150	11,100	44,400	69,821	1,234,904	1,486,961	252,057
1	Creamery butter	5		2	34	73	3,796	53,725	79,908	1,567,290	1,938,045	370,755
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	5	1	9	35	249	69,800	75,753	281,323	1,763,482	2,910,296	1,146,814
1	Food preparations, not elsewhere classified	6	6			27			17,229	104,149	157,574	53,425
8	General commercial job printing	29	18	19	28	158	40,153	42,577	198,069	292,282	817,904	525,622
1	Ice cream and ices	8	3	1	19	55	3,236	28,195	46,571	464,674	895,381	430,707
1	Ice, manufactured	13	2	2	10	36	2,821	19,621	45,931	70,869	529,569	458,700
8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	3	3	3	5	25	(4)	(4)	(4)	(4)	(4)	(4)
17	Machine-shop products, not elsewhere classified	7	3	6	17	72	26,700	22,303	83,530	81,520	327,863	246,343
17	Machine-shop repairs	10	8	3	8	63	15,315	21,946	89,066	54,057	281,612	227,555
6	Mattresses and bedsprings	7	6	4	8	82			75,401	257,054	419,261	162,207
1	Meat packing, wholesale	5	5	1	5	78	1,820	7,700	106,212	1,099,829	1,521,024	421,195
8	Newspapers: publishing and printing	3	1	2	246	368	(4)	(4)	(4)	(4)	(4)	(4)
1	Nonalcoholic beverages	10	4	8	15	57	19,775	21,816	52,806	484,660	1,192,350	707,690
17	Oil-field machinery and tools	8	1	11	27	128	31,338	58,686	137,811	264,624	1,220,497	955,873
9	Perfumes, cosmetics, and other toilet preparations	3	3		2	8		(4)	(4)	(4)	(4)	(4)
8	Periodicals: publishing and printing	3		3	43	105	(4)	(4)	(4)	(4)	(4)	(4)
8	Periodicals: publishing without printing	12	3	3	26	2	5,400	35,117	500	68,628	157,048	88,420
5	Planing mills not operated in conjunction with sawmills	7	2	7	10	120	28,638	19,159	129,134	353,551	666,084	312,533
1	Poultry dressing and packing, wholesale	5	5		3	50		5,512	34,649	582,522	680,505	97,983
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	3	4		1	8		(4)	(4)	(4)	(4)	(4)
15	Sheet-metal work not specifically classified	3	4	1	3	33	5,200	3,600	36,817	125,235	214,332	89,097
20	Signs, advertising displays, and advertising novelties	4	1	3	4	32	4,600	5,705	33,582	29,593	114,880	85,287
	Other industries [5]	113	56	91	486	1,886	488,471	810,049	2,102,366	9,329,478	18,693,746	9,364,268
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	25	16	19	60	495	108,855	104,371	489,358	5,080,873	8,191,759	3,110,886
4	Apparel and other finished products made from fabrics and similar materials	7	5	6	6	54	11,897	6,723	28,985	60,974	150,207	89,233
6	Furniture and finished lumber products	14	4	14	44	326	101,417	68,852	339,028	1,506,527	2,559,684	1,053,157
7	Paper and allied products	3		2	10	88	6,200	18,917	68,355	170,861	333,582	162,721
8	Printing, publishing, and allied industries	23	13	18	313	582	159,200	532,707	849,859	1,357,504	4,957,166	3,599,662
9	Chemicals and allied products	14	6	12	23	74	54,250	34,763	82,263	555,327	1,131,315	575,988
14	Iron and steel and their products, except machinery	7	4	6	3	44	13,100	2,938	30,324	80,497	156,929	76,432
15	Nonferrous metals and their products	4	3	3	2	11	5,400	1,376	14,425	14,698	54,156	39,458
17	Machinery (except electrical)	3	1	2		12	4,850		10,565	25,208	65,736	40,528
20	Miscellaneous industries	4	3	2	1	41	5,302	1,696	33,273	81,341	182,631	101,290
10	Products of petroleum and coal	1										
12	Leather and leather products	2										
13	Stone, clay, and glass products	2										
16	Electrical machinery	2	1	7	24	159	18,000	37,706	155,931	395,668	910,581	514,913
18	Automobiles and automobile equipment	1										
19	Transportation equipment except automobiles	1										

See footnotes at end of table.

TABLE 9.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
		TULSA										
	All industries, total	212	110	148	783	2,861	$799,664	$1,274,108	$3,261,460	$10,036,611	$22,670,597	$12,633,986
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	17	13	5	33	283	15,760	54,821	361,374	735,122	1,726,444	991,322
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	5	1	11	38	266	(4)	(4)	(4)	(4)	(4)	(4)
1	Food preparations, not elsewhere classified	4	3	- - -	2	23	- - - - -	(4)	(4)	(4)	(4)	(4)
8	General commercial (job) printing	28	20	17	33	112	75,490	36,725	135,700	287,799	815,705	527,906
14	Gray-iron and semisteel castings	4	1	3	7	91	10,096	14,870	85,638	75,467	223,587	148,120
1	Ice cream and ices	4	-	- - -	7	19	- - - - -	12,876	19,873	246,243	504,120	257,877
1	Ice, manufactured	10	1	8	14	49	45,640	25,052	45,987	63,627	518,893	455,266
17	Machine-shop products, not elsewhere classified	7	8	3	7	23	1,327	12,099	27,816	75,175	257,970	182,795
17	Machine-shop repairs	5	6	- - - -	2	24	- - - - -	1,115	33,904	34,623	135,784	101,161
8	Newspapers: publishing and printing	4	1	13	272	240	(4)	(4)	(4)	(4)	(4)	(4)
1	Nonalcoholic beverages	7	3	6	11	40	43,264	22,614	32,572	423,806	980,905	557,099
17	Oil-field machinery and tools	17	10	9	81	546	25,705	170,894	612,978	1,480,006	3,410,126	1,930,120
8	Periodicals: publishing without printing	4	- - - - -	1	11	- - - - -	(4)	(4)	- - - - -	(4)	(4)	(4)
5	Planing mills not operated in conjunction with sawmills	4	- - - - -	3	10	60	1,200	12,766	49,522	124,054	264,812	140,758
1	Poultry dressing and packing, wholesale	4	5	- - - - -	2	24	- - - - -	(4)	(4)	(4)	(4)	(4)
14	Power boilers and associated products	3	3	2	9	65	(4)	(4)	(4)	(4)	(4)	(4)
17	Pumping equipment and air compressors	6	1	7	8	79	(4)	(4)	(4)	(4)	(4)	(4)
20	Signs, advertising displays, and advertising novelties	3	2	2	2	8	(4)	(4)	(4)	(4)	(4)	(4)
	Other industries [5]	109	48	94	578	1,614	581,182	910,276	1,856,096	6,490,689	13,832,251	7,341,562
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [4]											
1	Food and kindred products	19	13	2	20	155	5,220	28,018	125,415	1,793,848	2,372,570	578,722
6	Furniture and finished lumber products	6	4	4	11	58	11,600	16,768	51,799	145,615	320,191	174,576
8	Printing, publishing, and allied industries	17	8	24	340	321	226,682	521,790	539,969	678,154	3,448,262	2,770,108
9	Chemicals and allied products	6	1	5	21	60	38,221	31,931	55,850	464,909	742,850	277,941
13	Stone, clay, and glass products	9	2	7	16	101	16,814	23,954	88,018	169,757	381,234	211,477
14	Iron and steel and their products, except machinery	13	6	19	77	487	117,232	135,258	523,486	1,696,581	3,632,889	1,936,308
15	Nonferrous metals and their products	8	4	8	26	128	29,900	48,093	141,617	194,241	516,476	322,235
17	Machinery (except electrical)	14	4	10	30	153	73,857	58,958	203,001	951,141	1,676,712	725,571
20	Miscellaneous industries	10	5	6	17	50	29,429	23,399	45,389	197,084	355,448	158,364
4	Apparel and other finished products made from fabrics and similar materials	2										
10	Products of petroleum and coal	1										
11	Rubber products	1	1	9	20	101	32,227	22,107	81,552	199,359	385,619	186,260
16	Electrical machinery	1										
18	Automobiles and automobile equipment	1										
19	Transportation equipment except automobiles	1										

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] Figures do not include data for personnel of central-administrative offices.
[2] Each of the averages in the "Wage earners" column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.
[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[4] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[5] For numbers of establishments and of wage earners in individual industries, see table 11.

TABLE 10.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939

COUNTY	Total	INDUSTRY GROUP																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
The State	1,606	749		1	14	69	46	5	299	75	28	3	2	59	49	25	5	137	3	5	32
Adair	4	1				1	1			1											
Alfalfa	5	4							1												
Atoka	13	3				9			1												
Beaver	2	1							1												
Beckham	18	11							4	2											1
Blaine	12	9							2					1							
Bryan	15	9				1			2	1								2			
Caddo	20	14							3	1	1			1							
Canadian	14	11							2						1						
Carter	31	19			1	1			4	1	1							4			
Cherokee	3	2							1												
Choctaw	13	7				2	1		2										1		
Cleveland	13	6							5	1				1							
Coal	3	1				1			1												
Comanche	19	10							3	1	1			1	1			1			1
Cotton	8	7							1												
Craig	9	7							2												
Creek	40	19							7	2	3			4				5			
Custer	21	17							1	1				1							1
Delaware	1					1															
Dewey	2	2																			
Ellis	2	2																			
Garfield	51	32				1			4	2	2			1	2			4			3
Garvin	13	9							3	1											
Grady	24	14					1		4	1					1			3			
Grant	9	7							2												
Greer	9	5								1				3							
Harmon	4	2							1	1											
Harper	4	3							1												
Haskell	5	2				1			2												
Hughes	10	6							3					1							
Jackson	15	9				1			3	1								1			
Jefferson	6	3							1	2											
Johnston	3	1							1					1							
Kay	48	24				1	1		8		2			3	1	1		5		1	1
Kingfisher	7	5							2												
Kiowa	8	6							1	1											
Latimer	6	1				4			1												
Le Flore	22	9			1	7	1		3					1							
Lincoln	12	8							2	1	1										
Logan	15	8					1		4	1								1			
Love	2	1							1												
Major	5	4							1												
Marshall	4	2					1		1												
Mayes	4	2							2												
McClain	7	5							1	1											
McCurtain	15	4				10			1												
McIntosh	4	2							2												
Murray	6	5							1												
Muskogee	67	41				1	5		11	1	1	1		1	1	1		1			2
Noble	9	5							1									3			
Nowata	8	3							1	1					1			2			
Okfuskee	7	5							2												
Oklahoma	325	116			7	7	22	3	67	21	3		2	10	14	7	2	30	1	2	11
Okmulgee	33	15				1	1		5		1			3	1	2		4			
Osage	18	7							6	3	1					1					
Ottawa	19	9			1		2		3							1		3			
Pawnee	7	4							2		1										
Payne	29	18							5		3			2				1			
Pittsburg	23	14				3			4	1					1						
Pontotoc	28	15						1	2		1			6				3			
Pottawatomie	39	22			1	2	1		7	1				1			2	2			
Pushmataha	10					9			1												
Roger Mills	2	1							1												
Rogers	9	5							3			1									
Seminole	25	11							5	1				1				7			
Sequoyah	2								1												1
Stephens	21	11					1		6	1	1							1			
Texas	7	2							4	1											
Tillman	10	6							2	1	1										
Tulsa	265	65		1	3	4	7	1	49	18	4	1		15	24	10	1	49	1	2	10
Wagoner	3	2							1												
Washington	20	8				1			3					1	1	2		4			
Washita	7	5							2												
Woods	13	8							3	1								1			
Woodward	14	10							3												1

TABLE 11.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE AND FOR OKLAHOMA CITY AND TULSA: 1939

[In order to avoid disclosing data for individual establishments, wage-earner figures for industries represented by fewer than three establishments are withheld]

Group No.[1]	TITLE	Number of establishments	Wage earners
	STATE OF OKLAHOMA		
1	Baking powder, yeast, and other leavening compounds	1	
	Biscuit, crackers, and pretzels	2	
	Canned and dried fruits and vegetables (including canned soups)	4	195
	Flavoring extracts and flavoring sirups, not elsewhere classified	1	
	Macaroni, spaghetti, vermicelli, and noodles	1	
	Malt liquors	3	67
	Preserves, jams, jellies, and fruit butters	2	
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	6	51
	Vinegar and cider	1	
3	Cotton broad woven goods	1	
4	Children's dresses—made in contract factories	1	
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	1	
	Millinery	1	
	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories	1	
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	2	
6	Cooperage	2	
	Household furniture, except upholstered	2	
	Partitions, shelving, cabinet work, and office and store fixtures	2	
	Public-building furniture	1	
	Upholstered household furniture	1	
	Window and door screens and weather strip	3	71
	Window shades	1	
	Wooden boxes except cigar boxes	1	
	Wood products not elsewhere classified	2	
7	Envelopes	1	
8	Books: printing without publishing	3	61
	Books: publishing without printing	1	
	Electrotyping and stereotyping, not done in printing establishments	1	
	Engraving (steel, copperplate, and wood); plate printing	2	
	Newspapers: publishing without printing	1	
9	Ammunition	1	
	Bone black, carbon black, and lampblack	3	44
	Chemicals not elsewhere classified	3	100
	Drugs and medicines (including drug grinding)	2	
	Fertilizers	1	
	Glue and gelatin	1	
	Grease and tallow (except lubricating greases)	2	
	Hardwood distillation and charcoal manufacture	1	
	Paints, varnishes, and lacquers	4	18
	Perfumes, cosmetics, and other toilet preparations	3	8
10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	1	
11	Rubber products not elsewhere classified	3	58
12	Saddlery, harness, and whips	2	
13	Cement	2	
	Flat glass	2	
	Gypsum products	1	
	Lime	1	
	Pottery products not elsewhere classified	1	
	Sand-lime brick, block and tile	1	
	Statuary and art goods (except stone and concrete)—factory production	1	
	Steam and other packing; pipe and boiler covering	1	
	Tableware, pressed or blown glass, and glassware not elsewhere classified	3	262
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	1	
14	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	1	
	Heating and cooking apparatus, except electric, not elsewhere classified	2	
	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	1	
	Steel castings	1	
	Steel works and rolling mills	1	
	Tin cans and other tinware not elsewhere classified	1	
	Tools (except edge tools, machine tools, files, and saws)	1	
	Wirework not elsewhere classified	1	
15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	2	
	Clocks, watches, and materials and parts (except watch-cases)	1	
	Jewelry (precious metals)	1	
	Lighting fixtures	1	
	Nonferrous-metal foundries (except aluminum)	4	31
	STATE OF OKLAHOMA—Continued		
15	Nonferrous-metal products not elsewhere classified	1	
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	1	
16	Batteries, storage and primary (dry and wet)	2	
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	3	34
17	Commercial laundry, dry-cleaning, and pressing machinery	1	
	Construction and similar machinery (except mining and oil-field machinery and tools)	1	
	Food-products machinery	1	
	Measuring and dispensing pumps	1	
	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	1	
	Mechanical power-transmission equipment	1	
	Printing-trades machinery and equipment	1	
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	1	
	Scales and balances	1	
	Special-industry machinery, not elsewhere classified	2	
18	Automobile trailers (for attachment to passenger cars)	1	
	Motor vehicles, motor-vehicle bodies, parts and accessories	2	
19	Aircraft and parts, including aircraft engines	1	
20	Beauty-shop and barber-shop equipment	1	
	Hand stamps, stencils, and brands	2	
	Miscellaneous fabricated products not elsewhere classified	2	
	Models and patterns (except paper patterns)	2	
	Pens, mechanical pencils, and pen points	1	
	Professional and scientific instruments (except surgical and dental)	1	
	Sporting and athletic goods not elsewhere classified	2	
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	2	
	OKLAHOMA CITY		
1	Biscuit, crackers, and pretzels	2	
	Candy and other confectionery products	5	104
	Condensed and evaporated milk	1	
	Flavoring extracts and flavoring sirups, not elsewhere classified	1	
	Flour and other grain-mill products	2	
	Malt liquors	2	
	Prepared feeds (including mineral) for animals and fowls	2	
	Preserves, jams, jellies, and fruit butters	2	
	Salad dressings	4	46
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	3	8
	Vinegar and cider	1	
4	Canvas products (except bags)	2	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	3	34
	Millinery	1	
	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories	1	
6	Caskets, coffins, burial cases, and other morticians' goods	3	22
	Cooperage	1	
	Household furniture, except upholstered	1	
	Partitions, shelving, cabinet work, and office and store fixtures	1	
	Venetian blinds	3	9
	Window and door screens and weather strip	2	
	Window shades	1	
	Wooden boxes except cigar boxes	1	
	Wood preserving	1	
7	Envelopes	1	
	Paperboard containers and boxes not elsewhere classified	2	
8	Bookbinding and related industries	2	
	Books: printing without publishing	2	
	Books: publishing without printing	1	
	Electrotyping and stereotyping, not done in printing establishments	1	
	Engraving (steel, copperplate, and wood); plate printing	2	
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	3	25
	Machine and hand typesetting (including advertisement typesetting)	2	
	Newspapers: publishing and printing	3	368
	Newspapers: publishing without printing	1	
	Periodicals: publishing and printing	3	105

See footnote at end of table.

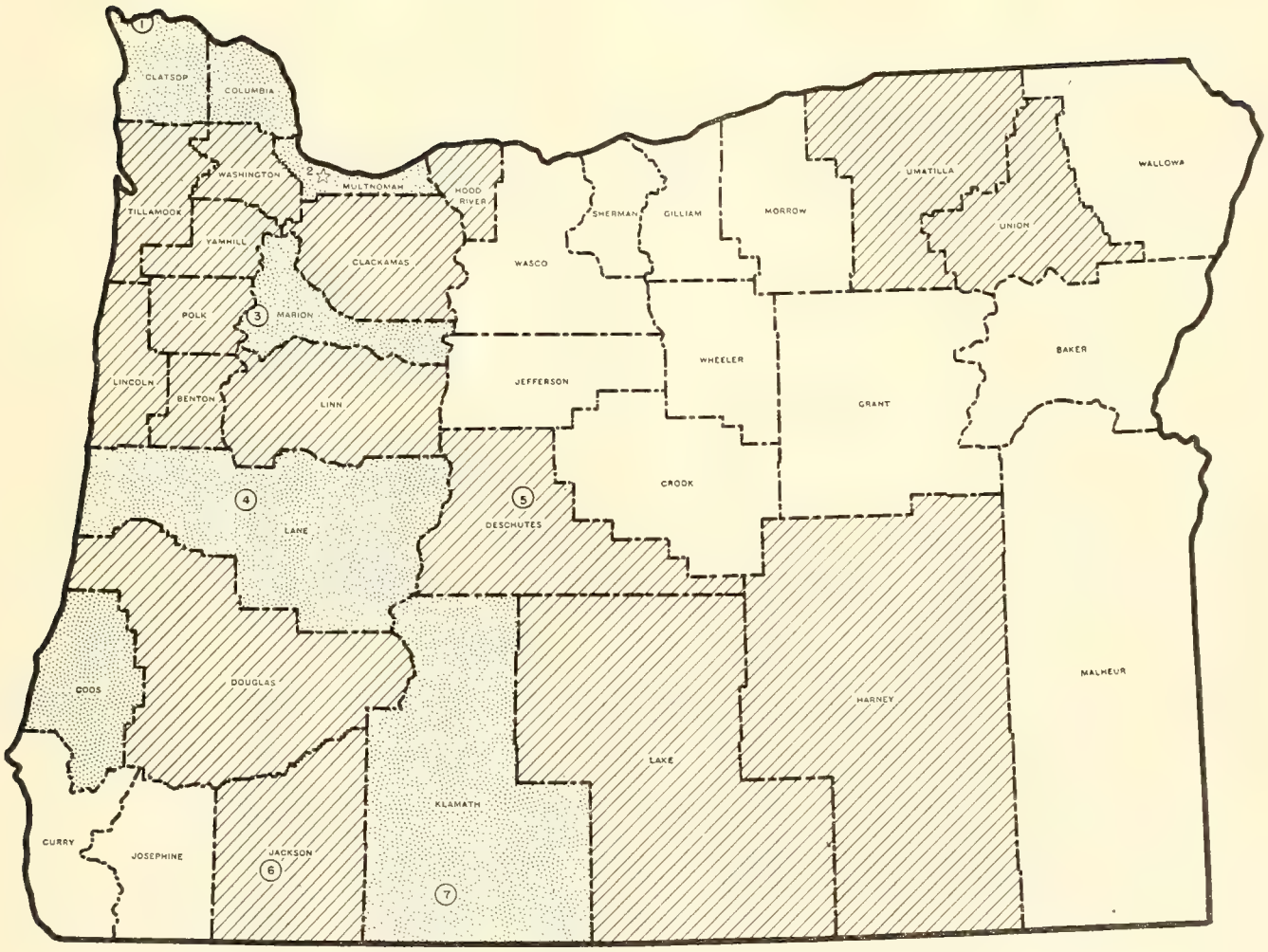
TABLE 11. INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE AND FOR OKLAHOMA CITY AND TULSA: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	OKLAHOMA CITY—Continued		
8	Photoengraving, not done in printing establishments (including preparation of plates)	3	12
9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	3	20
	Drugs and medicines (including drug grinding)	2	
	Insecticides, fungicides, and related industrial and household chemical compounds	2	..
	Lubricating oils and greases—not made in petroleum refineries	2	
	Paints, varnishes, and lacquers	2	
	Perfumes, cosmetics, and other toilet preparations	3	8
10	Petroleum refining	1	
12	Saddlery, harness, and whips	2	..
13	Lime	1	
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	1	.
14	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	1	
	Gray-iron and semisteel castings	2	
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	2	
	Tools (except edge tools, machine tools, files, and saws)	1	
	Wirework not elsewhere classified	1	.
15	Electroplating, plating, and polishing	1	
	Jewelry (precious metals)	1	
	Nonferrous-metal foundries (except aluminum)	1	..
	Nonferrous-metal products not elsewhere classified	1	.
16	Batteries, storage and primary (dry and wet)	2	
17	Commercial laundry, dry-cleaning, and pressing machinery	1	.
	Printing-trades machinery and equipment	1	...
	Scales and balances	1	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	1	
19	Cars and car equipment—railroad, street, and rapid-transit	1	..
20	Hand stamps, stencils, and brands	2	...
	Miscellaneous fabricated products not elsewhere classified	1	...
	Sporting and athletic goods not elsewhere classified	1	.
	CITY OF TULSA		
1	Candy and other confectionery products	2	.
	Condensed and evaporated milk	1	.
	Creamery butter	2	
	Food preparations, not elsewhere classified	4	23
	Malt liquors	1	
	Poultry dressing and packing, wholesale	4	24
	Prepared feeds (including mineral) for animals and fowls	2	..
	Salad dressings	1	
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	2	...
4	Canvas products (except bags)	1	..
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	1	..
6	Caskets, coffins, burial cases, and other morticians' goods	2	.
	Mattresses and bedsprings	1	..
	Partitions, shelving, cabinet work, and office and store fixtures	1	...
	Venetian blinds	2	...
	CITY OF TULSA—Continued		
8	Bookbinding and related industries	2	
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	2	
	Machine and hand typesetting (including advertisement typesetting)	2	.
	Newspapers—publishing and printing	4	240
	Periodicals: publishing and printing	1	
	Periodicals: publishing without printing	4	.
	Photoengraving, not done in printing establishments (including preparation of plates)	2	.
9	Ammunition	1	
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	2	
	Cottonseed oil, cake, meal, and linters	1	.
	Fertilizers	1	.
	Paints, varnishes, and lacquers	1	.
10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	1	
11	Rubber products not elsewhere classified	1	..
13	Brick and hollow structural tile	2	
	Concrete products	2	
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	2	
	Sand-lime brick, block and tile	1	.
	Statuary and art goods (except stone and concrete)—factory production	1	
	Steam and other packing; pipe and boiler covering	1	
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	5	266
	Heating and cooking apparatus, except electric, not elsewhere classified	1	..
	Power boilers and associated products	3	65
	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	1	.
	Steel castings	1	.
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	1	..
	Tin cans and other tinware not elsewhere classified	1	...
15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	2	.
	Clocks, watches, and materials and parts (except watchcases)	1	...
	Electroplating, plating, and polishing	2	...
	Nonferrous-metal foundries (except aluminum)	3	29
16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	1	..
17	Construction and similar machinery (except mining and oil-field machinery and tools)	1	
	Industrial machinery, not elsewhere classified	5	27
	Measuring and dispensing pumps	1	..
	Mechanical power-transmission equipment	1	
	Pumping equipment and air compressors	6	79
18	Automobile trailers (for attachment to passenger cars)	1	
19	Cars and car equipment—railroad, street, and rapid-transit	1	.
20	Beauty-shop and barber-shop equipment	1	
	Brooms	1	
	Models and patterns (except paper patterns)	2	
	Pens, mechanical pencils, and pen points	1	
	Professional and scientific instruments (except surgical and dental)	1	.
	Signs, advertising displays, and advertising novelties	3	8
	Surgical supplies and equipment not elsewhere classified, orthopedic appliances	1	

[1] For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and of industry groups, see 27

OREGON

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939



KEY TO PLACES

ASTORIA	1
BEND	5
EUGENE	4
KLAMATH FALLS	7
MEDFORD	6
PORTLAND	2
SALEM	3

UNDER 500 WAGE EARNERS

500 TO 2,499 WAGE EARNERS

2,500 OR MORE WAGE EARNERS

PLACES OF 10,000 TO 99,999 POPULATION

PLACES OF 100,000 OR MORE POPULATION

Prepared by the Bureau of the Census, Department of Commerce

OREGON

TABLE 1. SUMMARY FOR THE STATE: 1939, 1937, AND 1929

CENSUS YEAR	Number of establishments	Proprietors and firm members	Number of persons employed in manufacturing [1]	Salaries and wages [1]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2]	Value of products [2]	Value added by manufacture [3]
1939	2,248	1,870	69,878	$91,320,691	$193,199,692	$365,374,436	$172,174,744
1937	2,107	1,596	73,033	94,162,411	194,085,141	363,142,053	169,056,912
1929	2,420	1,694	69,935	99,834,715	196,505,534	393,183,377	196,677,843

[1] Figure for 1939 does not include data for employees of manufacturing establishments (except salaried officers of corporations) who were engaged in distribution, construction, and other nonmanufacturing work. For detail, see table 8. It is not known to what extent data for such nonmanufacturing employees were included in figures reported for earlier years. See GENERAL EXPLANATIONS. Persons engaged—general classification.

[2] The aggregates for cost of materials, etc., and value of products include large amounts of duplication due to the use of the products of some industries as materials by others. See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS. Value added by manufacture.

TABLE 2.—SUMMARY FOR COUNTIES AND PLACES: 1939

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2,3]	Value of products [2,3]	Value added by manufacture [4]
The State	1,089,684	[5] 2,248	63,622	$77,585,546	$193,199,692	$365,374,436	$172,174,744
COUNTIES [5]							
Baker	18,297	25	479	571,781	1,986,780	3,348,032	1,361,252
Benton	18,629	46	769	758,606	1,336,976	2,936,882	1,599,906
Clackamas	57,130	82	1,968	2,394,511	8,500,043	14,248,782	5,748,739
Clatsop	24,697	78	3,259	4,097,895	12,809,803	21,991,392	9,181,589
Columbia	20,971	45	2,607	3,626,535	7,318,259	14,731,413	7,413,154
Coos	32,466	88	3,460	4,453,644	7,574,840	16,528,018	8,953,178
Crook	5,533	7	442	694,698	765,993	1,935,016	1,169,023
Curry	4,301	14	327	396,457	722,959	1,471,029	748,070
Deschutes	18,631	24	2,342	3,561,902	2,547,030	8,573,161	6,026,131
Douglas	25,728	55	1,120	1,072,566	1,861,113	4,344,006	2,482,893
Gilliam [6]	2,844	1					
Grant [6]	6,380	8	432				
Harney [6]	5,374	5	652				
Hood River	11,580	21	506	513,485	914,012	1,798,728	884,716
Jackson	36,213	61	1,144	1,419,822	2,513,131	5,438,677	2,925,546
Jefferson [6]	2,042	1					
Josephine	16,301	26	214	219,935	756,720	1,325,577	568,857
Klamath	40,497	73	5,101	7,723,386	9,688,703	24,199,279	14,510,576
Lake	6,293	20	564	874,987	1,246,416	2,766,350	1,519,934
Lane	69,096	169	4,717	4,919,072	6,795,197	15,901,792	9,106,595
Lincoln	14,549	28	1,148	1,321,020	1,643,729	3,835,208	2,191,479
Linn	30,485	84	1,611	1,579,140	4,085,560	7,463,726	3,378,166
Malheur [6]	19,767	16	183				
Marion	75,246	127	3,808	3,685,765	13,834,751	22,951,037	9,116,286
Morrow	4,337	8	43	44,011	69,963	149,264	79,301
Multnomah	355,099	822	18,594	22,985,830	79,330,172	139,779,866	60,449,694
Polk	19,989	46	1,715	2,071,110	2,808,002	6,633,254	3,825,252
Sherman [7]	2,321						
Tillamook	12,263	50	764	877,827	2,332,293	4,215,815	1,883,522
Umatilla	26,030	36	790	725,172	5,117,600	7,378,178	2,260,578
Union	17,399	24	964	1,198,998	1,932,829	4,106,258	2,173,429
Wallowa	7,623	11	166	176,575	421,764	709,806	288,042
Wasco	13,069	20	295	334,742	2,482,810	3,263,605	780,795
Washington	39,194	63	1,952	2,090,420	5,209,149	9,519,409	4,310,260
Wheeler [6]	2,974	6	363				
Yamhill	26,336	58	1,095	853,629	3,501,690	5,397,995	1,896,305
Undistributed [8]		37	1,658	2,342,025	3,091,405	8,432,881	5,341,476

[1] Not including salaried officers and employees nor nonmanufacturing wage earners. The figure for each county or place is an average of the numbers reported for the several months of the year. In calculating it, equal weight must be given to full-time and to part-time wage earners (not reported separately by the manufacturers), and for this reason it exceeds the number that would have been required to perform the work done in the industries if all wage earners had been continuously employed throughout the year. The quotient obtained by dividing the amount of wages by the average number of wage earners cannot, therefore, be accepted as representing the average wage received by full-time wage earners. Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several counties do not add exactly to the average for the State. In making comparisons between the figures for 1939 and those for earlier years, the possibility that the proportion of part-time employment varied from year to year should be taken into account.

[2] Profits and losses cannot be calculated from the census figures because no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, and advertising.

[3] See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

[5] For numbers of establishments by "Industry groups," see table 10.

[6] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Undistributed" figures.

[7] No manufacturing reported.

[8] The "Undistributed" figure for number of establishments and a part of the "Undistributed" figure for number of wage earners are included above in the items for the respective counties. The sums of the figures in these two columns are, therefore, larger than the corresponding State totals.

Table 2.—SUMMARY FOR COUNTIES AND PLACES: 1939—Continued

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
PLACES HAVING 10,000 OR MORE INHABITANTS							
Astoria	10,389	31	817	$800,828	$6,583,295	$10,023,472	$3,440,177
Bend	10,021	9	51	65,442	202,483	416,947	214,464
Eugene	20,838	49	913	913,162	3,098,316	5,325,774	2,227,458
Klamath Falls	16,497	35	1,201	1,738,284	2,732,701	5,630,129	2,897,428
Medford	11,281	23	191	212,256	688,656	1,239,253	550,597
Portland	305,394	759	15,856	19,606,941	62,596,616	116,046,604	53,449,988
Salem	30,908	66	2,276	2,206,989	8,307,368	14,241,236	5,933,868

See footnotes on opposite page.

Table 3.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, BY SEX: 1939 AND 1929

[The 1939 questionnaire, for the first time, called for data on the *total* number of employees in manufacturing establishments, including those engaged wholly or chiefly in distribution, construction, and other nonmanufacturing activities. It is not known to what extent data for such employees were included in the figures reported for earlier years. This table presents detailed figures for employees receiving pay at any time within the *normal* pay-roll period ended nearest Oct. 14, 1939, and for such employees on the pay roll on Dec. 14, 1929, or on the nearest *representative* date. The total for "Wage earners engaged in manufacturing" is not identical with the average for the year (given in other tables), and differs from the number reported for October 1939, or for December 1929, because for both years some manufacturers gave wage-earner figures for months other than those specified. See General Explanations—Persons engaged—general classification]

CLASS AND SEX	1939 (Oct. 14) [1]	1929 (Dec. 14) [1]
All classes, aggregate [2]	85,113	69,964
Male	71,943	60,587
Female	13,170	9,377
Salaried officers and employees, total	10,774	7,705
Male	8,634	6,030
Female	2,140	1,675
Salaried officers of corporations, total	1,165	1,355
Male	1,062	1,265
Female	103	90
All other employees (except wage earners in manufacturing), total	9,609	6,350
Male	7,572	4,765
Female	2,037	1,585
Salaried officers and employees—Continued.		
All other employees, etc.—Continued.		
Engaged in manufacturing:		
Male	3,796	(3)
Female	1,295	
Engaged in distribution:		
Male	2,496	
Female	680	
Engaged in construction:		
Male	1,013	
Engaged in other work:		
Male	267	
Female	62	
Wage earners engaged in manufacturing, total	74,339	62,259
Male	63,309	54,557
Female	11,030	7,702

[1] See headnote.
[2] Figures do not include data for 1,870 proprietors and firm members for 1939 and 1,694 for 1929, which were not reported by sex for 1939.
[3] No data.

Table 4.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS: 1939, 1937, AND 1929

[The figures for 1939 relate to wage earners engaged in manufacturing only. It is not known to what extent the figures for earlier years include data for nonmanufacturing wage earners. See headnote to table 3]

CENSUS YEAR	Average number employed during year [1]	NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH											
		January	February	March	April	May	June	July	August	September	October	November	December
1939	63,622	52,389	52,543	55,816	58,211	63,710	68,243	67,084	70,779	76,027	70,313	66,348	61,999
1937	65,982	51,614	54,683	62,820	65,923	69,940	75,079	77,303	76,880	80,921	70,495	57,050	49,078
1929	62,230	49,504	50,909	57,008	59,804	62,304	67,808	69,136	68,701	71,744	69,565	63,119	57,146

[1] See General Explanations—Wage earners and wages.

TABLE 5.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY NUMBER OF WAGE EARNERS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR)[1]		VALUE OF PRODUCTS	VALUE ADDED BY MANUFACTURE[2]
	1939	1929	1939	1929	1939	1939
All establishments	2,248	2,420	63,622	62,230	$365,374,436	$172,174,744
No wage earners	91	102			2,248,693	831,625
1 to 5	946	1,286	2,628	3,208	24,882,011	9,838,909
6 to 20	661	597	7,084	6,439	42,154,090	19,299,759
21 to 50	297	208	9,661	6,630	58,147,268	24,794,559
51 to 100	103	98	7,382	7,134	40,313,726	19,898,914
101 to 250	97	70	14,615	11,137	85,549,237	38,821,545
251 to 500	43	43	14,865	15,101	81,804,805	38,381,702
501 to 1,000	7	13	4,279	9,273	18,023,042	11,227,455
1,001 or more	3	3	3,108	3,308	12,251,564	9,080,276

[1] See headnotes to tables 3 and 4

[2] See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 6. SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY VALUE OF PRODUCTS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR)[1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE[2]	
	1939	1929	1939	1929	1939	1929	1939	1929
All establishments	2,248	2,420	63,622	62,230	$365,374,436	$393,183,377	$172,174,744	$196,677,843
$5,000 to $19,999	785	1,062	2,423	2,435	8,672,724	10,578,021	5,210,896	7,005,079
$20,000 to $49,999	545	481	4,536	3,078	17,753,213	15,338,400	9,885,158	9,067,766
$50,000 to $99,999	339	327	4,620	4,101	24,406,583	23,198,053	11,974,366	12,415,561
$100,000 to $249,999	290	272	8,285	7,004	45,605,014	43,379,123	21,680,648	21,063,136
$250,000 to $499,999	125	110	8,024	6,187	44,235,052	38,601,396	20,059,853	17,058,697
$500,000 to $999,999	87	85	11,848	10,269	61,766,859	60,493,063	28,823,422	31,668,395
$1,000,000 to $2,499,999	58	60	15,018	17,247	89,726,700	98,043,716	40,117,534	47,654,117
$2,500,000 to $4,999,999	16	18	7,194	10,398	52,604,073	63,066,355	26,506,637	38,293,114
$5,000,000 and over	3	5	1,674	1,511	20,604,218	40,485,250	7,916,230	12,451,978

[1] See headnotes to tables 3 and 4

[2] See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 7.—ESTABLISHMENTS CLASSIFIED AS UNDER CORPORATE OR OTHER FORM OF OWNERSHIP (OR CONTROL) AND AS UNDER CENTRAL-ADMINISTRATIVE-OFFICE OR INDEPENDENT OPERATION: 1939 AND 1929

TYPE OF OWNERSHIP OR CONTROL, AND OF OPERATION	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
Total	2,248	2,420	63,622	62,230	$365,374,436	$393,183,377	$172,174,744	$196,677,843
TYPE OF OPERATION								
1939 [3]								
Corporate ownership or control:								
Central-administrative-office (plural-unit)	313	(3)	22,868	(3)	168,182,705	(3)	69,536,623	(3)
Independent (single-unit)	640	(3)	27,878	(3)	137,645,942	(3)	73,538,979	(3)
Noncorporate ownership:								
Central-administrative-office (plural-unit)	58	(3)	506	(3)	4,507,308	(3)	1,459,777	(3)
Independent (single-unit)	1,237	(3)	12,370	(3)	55,038,481	(3)	27,639,365	(3)
1939 AND 1929 [3]								
Central-administrative-office (plural-unit), corporate and noncorporate	371	234	23,374	18,644	172,690,013	155,678,709	70,996,400	61,525,822
Independent (single-unit), corporate and noncorporate	1,877	2,186	40,248	43,586	192,684,423	237,504,668	101,178,344	135,152,021
TYPE OF OWNERSHIP OR CONTROL								
Corporate	953	1,095	50,746	54,694	305,828,647	354,131,243	143,075,602	175,178,957
Noncorporate, total	1,295	1,325	12,876	7,536	59,545,789	39,052,134	29,099,142	21,498,886
Individual	806	(4)	6,268	(4)	26,061,420	(4)	13,592,071	(4)
Partnership	452	(4)	5,964	(4)	27,269,997	(4)	13,905,249	(4)
Cooperative	34	[5]	644		6,214,372		1,601,822	
Other	3							

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Because of changes in the questionnaire, no comparable figures for 1929 can be given for the first section of this table. For this reason, the items have been regrouped under "1939 and 1929" to present comparable figures so far as this can be done.
[4] No data.
[5] Figures for 1939 combined to avoid disclosing data for individual establishments; no data for 1929.

TABLE 8.—GENERAL STATISTICS FOR

This table presents separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments. given, however, reported larger numbers of wage earners or

	Group	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS[1]						
					Total[2]	Salaried officers of corporations[2]	Manufacturing		Distribution	Construction	Other
							Salaried employees[2]	Wage earners (average for year)[3]			
1		All industries, total	2,248	1,870	74,396	1,165	5,091	63,622	3,176	1,013	329
2	18	Automobile trailers (for attachment to passenger cars)	3	3	7			7			
3	16	Batteries, storage and primary (dry and wet)	4	3	24	4	2	16	2		
4	1	Biscuit, crackers, and pretzels	5	2	236	6	7	160	57		6
5	19	Boat building and boat repairing	3	3	8			8			
6	8	Bookbinding and related industries	7	10	60	5	5	47	3		
7	8	Books: printing without publishing	4	3	50	4	12	29	5		
8	8	Books: publishing without printing	3		23	3	13		7		
9	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	183	204	1,860	46	125	1,429	234	4	22
10	13	Brick and hollow structural tile	9	4	120	2	9	109			
11	20	Brooms	3	5	30		2	24	4		
12	1	Candy and other confectionery products	15	8	221	8	4	176	33		
13	1	Canned and dried fruits and vegetables (including canned soups)	70	33	4,495	34	243	4,105	71	35	7
14	1	Canned fish, crustacea, and mollusks	14	4	731	12	33	605	21	23	37
15	6	Caskets, coffins, burial cases, and other morticians' goods	4	2	117	5	7	88	17		
16	13	Cement	3		257	1	14	242			
17	1	Cheese	41	12	254	1	45	194	11	3	
18	13	Clay products (except pottery) not elsewhere classified	5	7	30			28	1	1	
19	9	Cleaning and polishing preparations, blackings, and dressings	6	3	39	5	3	13	18		
20	4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	8	2	331	10	14	284	19		4
21	9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	3		41		6	17	18		
22	13	Concrete products	19	9	138	13	11	108	5		1
23	1	Condensed and evaporated milk	8	1	131	1	21	105	4		
24	17	Construction and similar machinery (except mining and oil-field machinery and tools)	3		211	7	33	145	26		
25	1	Creamery butter	75	66	595	13	103	346	111	10	12
26	1	Custom slaughtering, wholesale	3	2	29	2	1	26			
27	20	Dental equipment and supplies	3	2	18	3	3	6	6		
28	9	Drugs and medicines (including drug grinding)	4	2	14	2	3	8	1		
29	16	Electrical products not elsewhere classified	3	1	21	1	7	13			
30	15	Electroplating, plating, and polishing	3	3	13		1	10	2		
31	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	10	6	181	8	17	136	20		
32	9	Fertilizers	4	3	13	3	1	8	1		
33	9	Fish and other marine oils, cake, and meal	3		46	5	8	21	1	11	
34	1	Flavoring extracts and flavoring sirups, not elsewhere classified	6	2	51	4	6	34	7		
35	1	Flour and other grain-mill products	20	10	742	17	100	557	52	10	6
36	1	Food preparations, not elsewhere classified	14	12	115	6	7	75	27		
37	17	Food-products machinery	5	3	97	3	14	78	2		
38	12	Footwear (except rubber)	5	4	72	6	5	60	1		
39	8	General commercial (job) printing	93	91	539	61	82	368	28		
40	16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	4	4	66	3	12	51			
41	14	Gray-iron and semisteel castings	11	7	196	7	14	165	10		
42	9	Grease and tallow (except lubricating greases)	3	9	11		1	10			
43	4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	3	3	30		1	26	3		
44	4	Housefurnishings (except curtains, draperies, and bedspreads)	3	2	45	2	4	21	18		
45	6	Household furniture, except upholstered	10	6	1,793	1	35	1,665	92		
46	1	Ice cream and ices	24	17	228	11	31	87	96	3	
47	1	Ice, manufactured	24	17	149	9	17	75	48		
48	17	Industrial machinery, not elsewhere classified	7	1	141	12	14	106	7		2
49	15	Jewelry (precious metals)	6	7	37		4	32	1		
50	3	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	4	3	564	11	38	389	118	8	
51	12	Leather gloves and mittens	4	6	29		1	23	5		
52	12	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	3	2	22	2	3	17			
53	5	Logging camps and logging contractors (not operating sawmills)	239	267	6,264	56	181	5,763	5	196	63
54	1	Macaroni, spaghetti, vermicelli, and noodles	5	3	89	7	7	63	12		
55	8	Machine and hand typesetting (including advertisement typesetting)	9	13	26		2	24			
56	17	Machine-shop products, not elsewhere classified	31	16	504	28	52	406	18		
57	17	Machine-shop repairs	36	34	170	6	13	151			
58	1	Malt liquors	5	1	159	6	15	79	57		2
59	6	Mattresses and bedsprings	9	4	236	9	14	208	5		
60	1	Meat packing, wholesale	31	24	980	23	90	644	200	9	14
61	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	3		204	7	15	180	2		
62	13	Mirrors and other glass products made of purchased glass	3	3	33			27	6		
63	20	Models and patterns (except paper patterns)	4	3	36	3	5	28			
64	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	9	10	72	2	8	44	18		
65	18	Motor vehicles, motor-vehicle bodies, parts and accessories	11	10	208	4	12	183	8		1
66	8	Newspapers: publishing and printing	88	81	2,336	49	832	1,003	452		

See footnotes at end of table.

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and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures are larger values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
98,065,059	4,510,194	9,224,951	77,585,546	5,139,646	1,214,788	389,934	193,199,692	176,416,716	3,325,758	3,573,413	9,883,805	365,374,436	172,174,744	1
6,443	----	----	6,443	----	----	----	30,859	30,574	----	210	75	55,870	25,011	2
30,872	8,739	1,277	18,229	2,627	----	----	85,807	81,910	874	3,023	----	152,437	66,630	3
333,822	21,025	15,895	191,688	95,879	757	8,578	412,061	396,314	10,347	5,400	----	1,180,976	768,915	4
8,994	----	----	8,994	----	----	----	16,148	15,842	----	306	----	32,037	15,889	5
87,426	12,800	6,061	63,818	4,747	----	----	64,839	56,512	574	2,332	5,421	208,320	143,481	6
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	7
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	8
2,654,427	176,273	222,951	2,020,935	212,026	6,162	16,080	4,492,966	4,250,204	113,701	129,061	----	9,501,408	5,008,442	9
137,816	7,700	12,461	117,155	----	500	----	69,690	28,448	26,426	14,816	----	342,101	272,411	10
(5)	----	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	11
259,889	27,800	8,636	162,202	61,251	----	----	462,047	446,620	7,838	7,589	----	815,753	353,706	12
3,351,654	90,219	303,700	2,841,655	89,645	21,347	5,088	14,470,476	14,280,570	117,894	64,981	7,031	22,602,469	8,131,993	13
604,274	42,800	45,584	439,950	8,654	23,918	43,368	2,558,961	2,519,148	13,833	15,083	10,897	4,717,537	2,158,576	14
193,443	22,750	16,241	127,609	26,843	----	----	166,062	158,668	910	6,484	----	462,103	296,041	15
(5)	(5)	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	16
299,993	3,300	77,571	196,231	16,183	6,708	----	3,906,144	3,859,875	29,186	17,083	----	4,655,568	749,424	17
18,032	----	----	17,373	437	222	----	14,273	2,948	10,325	1,000	----	65,737	51,464	18
22,033	3,660	1,883	6,658	9,832	----	----	51,023	50,231	386	406	----	109,002	57,979	19
363,139	48,578	25,355	243,442	39,875	----	5,889	609,069	602,594	2,432	4,043	----	1,269,753	660,684	20
(5)	----	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	21
184,808	29,190	14,924	132,256	5,863	1,700	875	442,647	431,496	2,436	8,115	600	850,584	407,937	22
167,171	1,648	31,261	128,022	5,539	701	----	1,699,400	1,637,464	47,968	13,968	----	2,150,982	451,582	23
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	24
776,201	37,446	138,362	406,027	174,221	6,469	13,676	6,688,618	6,508,107	80,728	88,538	11,245	8,097,827	1,409,209	25
41,821	4,400	2,000	35,421	----	----	----	10,526	47	2,836	7,643	----	62,830	52,304	26
29,560	9,420	4,028	7,940	8,172	----	----	11,399	9,776	641	982	----	69,028	57,629	27
15,703	5,200	5,219	4,891	393	----	----	43,412	40,078	1,826	1,508	----	63,420	20,008	28
(5)	(5)	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	29
14,679	----	645	12,338	1,696	----	----	6,255	4,621	309	1,325	----	33,594	27,339	30
262,342	20,801	26,728	184,687	30,126	----	----	468,449	451,189	4,158	12,162	940	875,446	406,997	31
14,765	3,280	708	9,577	1,200	----	----	98,242	96,617	450	1,175	----	133,554	35,312	32
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	33
61,272	13,194	5,730	34,851	7,497	----	----	226,697	223,248	1,027	2,422	----	313,960	87,263	34
1,208,485	48,290	202,445	828,997	103,443	20,018	7,292	14,175,517	13,999,441	9,031	167,045	----	17,344,119	3,168,602	35
133,289	22,866	10,687	60,361	39,375	----	----	446,293	437,386	3,816	5,091	----	797,729	351,436	36
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	37
94,651	19,280	6,512	58,998	9,861	----	----	117,892	114,062	518	1,812	1,500	233,387	115,495	38
834,505	174,915	110,449	499,031	49,110	1,000	----	693,459	635,623	5,655	26,959	25,222	2,106,454	1,412,995	39
82,078	5,765	16,244	60,069	----	----	----	100,612	97,514	436	2,522	140	220,412	119,800	40
260,623	17,178	25,364	204,012	14,069	----	----	239,860	188,192	26,492	7,441	17,735	601,089	361,229	41
(5)	----	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	42
26,002	----	840	19,194	5,968	----	----	36,585	36,063	----	522	----	91,038	54,453	43
48,752	2,635	3,273	17,161	25,683	----	----	53,178	51,635	307	1,236	----	77,293	24,115	44
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	45
336,570	26,947	48,258	123,937	134,225	3,203	----	1,035,917	982,759	15,606	37,552	----	2,050,970	1,015,053	46
198,046	29,770	20,648	94,785	52,843	----	----	126,438	34,407	2,633	89,398	----	534,276	407,838	47
246,728	38,180	30,380	159,828	16,875	----	1,465	315,342	302,187	6,283	6,872	----	684,908	369,566	48
44,402	----	3,401	40,169	832	----	----	55,277	48,228	169	208	6,672	117,489	62,212	49
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	50
23,275	----	300	17,387	5,588	----	----	41,021	40,432	200	389	----	99,390	58,369	51
27,124	4,500	4,500	18,124	----	----	----	47,424	45,033	937	1,454	----	81,354	33,930	52
8,311,495	195,294	366,362	7,531,305	9,494	138,449	70,591	9,178,939	5,453,170	583,335	6,478	3,135,956	23,363,038	14,184,099	53
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	54
34,701	----	1,379	33,322	----	----	----	11,336	6,346	664	1,179	3,147	98,304	86,968	55
831,300	74,536	99,982	617,088	39,694	----	----	957,124	916,044	10,739	29,741	600	2,315,778	1,358,654	56
235,886	16,140	15,334	204,412	----	----	----	173,958	161,114	3,488	9,356	----	605,070	431,112	57
(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	58
312,596	35,650	21,035	246,278	9,633	----	----	598,597	590,578	480	7,539	----	1,058,399	459,802	59
1,616,041	81,183	222,498	925,970	362,596	10,766	13,028	12,913,568	12,793,876	41,401	67,800	10,491	15,178,448	2,264,880	60
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	61
(5)	----	----	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	62
68,156	11,900	10,565	45,691	----	----	----	15,279	14,269	----	1,010	----	106,988	91,709	63
95,188	9,600	10,000	56,566	18,996	----	26	89,464	82,417	1,187	5,860	----	270,917	181,453	64
320,790	24,100	20,842	263,199	11,869	----	780	508,251	495,194	1,514	7,850	3,693	919,160	410,909	65
3,562,839	222,931	1,297,240	1,541,085	501,583	----	----	1,950,660	1,699,539	18,882	83,842	148,397	8,633,365	6,682,705	66

TABLE 8.—GENERAL STATISTICS FOR THE

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [4]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
1	1	Nonalcoholic beverages	32	26	251	9	23	94	120		5
2	15	Nonferrous-metal foundries (except aluminum)	6	4	51	4	7	40			
3	15	Nonferrous-metal products not elsewhere classified	4	3	55	2	2	41	10		
4	14	Oil burners, domestic and industrial	4	2	23	3	4	9	7		
5	9	Paints, varnishes, and lacquers	10	5	123	5	14	76	28		
6	7	Paper and paperboard mills	6		1,935	6	150	1,746	5	23	5
7	7	Paperboard containers and boxes not elsewhere classified	9	3	164	9	16	133	6		
8	6	Partitions, shelving, cabinet work, and office and store fixtures	5	6	143	4	12	120	7		
9	8	Periodicals—publishing and printing	11	10	139	2	31	72	34		
10	8	Periodicals—publishing without printing	23	14	115	23	64	4	24		
11	8	Photoengraving, not done in printing establishments (including preparation of plates)	7	3	61	8	11	38	4		
12	1	Pickled fruits and vegetables and vegetable sauces and seasonings	4	2	121	3	17	84	17		
13	5	Planing mills not operated in conjunction with sawmills	60	39	1,490	42	104	1,293	48	2	1
14	1	Poultry dressing and packing, wholesale	14	2	220	1	13	198	8		
15	14	Power boilers and associated products	3	4	129	6	19	97	7		
16	1	Prepared feeds (including mineral) for animals and fowls	43	38	451	35	40	279	74	19	4
17	1	Preserves, jams, jellies, and fruit butters	4	3	37	5	3	21	8		
18	9	Printing ink	3	1	12	2	2	6	2		
19	7	Pulp mills	7		1,045	2	67	934		37	5
20	17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	4	3	45	3	4	35	3		
21	10	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	4		56	2	5	14	21	14	
22	12	Saddlery, harness, and whips	5	4	57	3	7	47			
23	1	Salad dressings	5	2	57	2	8	41	6		
24	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	4	1	39		3	19	17		
25	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	429	443	31,569	226	1,338	28,985	336	563	121
26	15	Sheet-metal work not specifically classified	22	16	432	12	22	363	33	2	
27	19	Shipbuilding and ship repairing	8	8	251	6	11	232	2		
28	20	Signs, advertising displays, and advertising novelties	16	10	186	16	25	104	41		
29	20	Sporting and athletic goods not elsewhere classified	7	8	75	3	6	64	2		
30	14	Steel castings	3		357	5	38	295	5	10	4
31	14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	7	13	296	1	25	262	8		
32	20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	3	2	11	3		6	2		
33	4	Textile bags—not made in textile mills	3		383	2	27	314	36		4
34	6	Upholstered household furniture	8	8	203	6	8	169	20		
35	6	Venetian blinds	5	4	176	9	12	135	15	5	
36	1	Vinegar and cider	4	2	18		2	14	1		1
37	6	Window shades	3	1	60		1	57	2		
38	1	Wines	3	2	21	3		12	4	2	
39	14	Wirework not elsewhere classified	4	3	34		6	26	2		
40	6	Wooden boxes except cigar boxes	18	11	633	14	30	586	3		
41	6	Wood preserving	7		250		16	231	3		
42	6	Wood products not elsewhere classified	15	8	200	7	9	183	1		
43	17	Woodworking machinery	5	1	58	7	5	45	1		
44	3	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	9	4	1,406	13	98	1,278	15	2	
45	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	4	1	367	3	16	331	17		
46		Other industries [5]	207	120	8,330	164	659	6,884	560	55	8
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]									
47	1	Food and kindred products	19	8	956	16	114	750	69	5	2
48	4	Apparel and other finished products made from fabrics and similar materials	19	14	622	14	35	556	17		
49	6	Furniture and finished lumber products	22	12	2,101	16	52	1,918	110	5	
50	7	Paper and allied products	7	2	325	6	26	247	46		
51	8	Printing, publishing, and allied industries	18	11	270	17	50	178	25		
52	9	Chemicals and allied products	22	14	309	14	49	189	45	12	
53	13	Stone, clay, and glass products	9	5	313	4	17	285	7		
54	14	Iron and steel and their products, except machinery	18	4	968	20	122	800	12	10	4
55	15	Nonferrous metals and their products	8	7	82	4	5	57	16		
56	16	Electrical machinery	6	4	45	4	7	32	2		
57	17	Machinery (except electrical)	23	14	806	18	105	618	64		1
58	20	Miscellaneous industries	14	14	226	8	10	192	16		
	3	Textile-mill products and other fiber manufactures	11	7	699	15	46	511	119	8	
	12	Leather and leather products	5	2	65	4	3	55	2		1
59	2	Tobacco manufactures	1								
	5	Lumber and timber basic products	1								
	10	Products of petroleum and coal	2	2	543	4	18	496	10	15	
	11	Rubber products	2								

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.

[2] Figures do not include data for personnel of central-administrative offices.

[3] Each of the averages in the "Wage earners" column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing: Salaries [2]	Manufacturing: Wages	Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
363,010	19,450	28,552	130,161	179,577	...	5,270	766,089	746,295	7,542	12,252	...	1,707,775	941,686	1
79,259	11,850	14,021	53,388	...	...	...	155,103	143,681	7,783	3,639	...	274,949	119,846	2
(5)	(5)	(5)	(5)	(5)	...	...	(5)	(5)	(5)	(5)	(5)	(5)	(5)	3
23,170	5,100	5,544	8,979	3,547	...	...	51,387	50,737	163	487	...	96,821	45,434	4
181,233	14,940	32,162	93,069	38,636	2,426	...	907,213	898,504	1,424	7,285	...	1,185,640	278,427	5
2,882,072	66,075	308,226	2,454,455	3,246	41,103	8,967	9,050,207	8,013,362	604,347	432,498	...	15,695,747	6,645,540	6
246,022	25,510	29,868	183,330	7,314	...	...	334,608	326,522	2,026	6,060	...	766,283	431,675	7
193,628	10,816	17,402	151,535	13,875	...	...	194,651	179,191	4,058	4,840	6,562	494,444	299,793	8
143,374	7,800	39,484	80,991	15,099	...	...	82,874	66,115	1,861	4,418	10,480	327,243	244,369	9
198,888	74,099	74,321	2,749	47,719	...	...	292,720	21,381	273	338	270,728	767,524	474,804	10
153,574	38,801	15,760	85,837	13,176	...	...	43,177	34,811	782	3,197	4,387	288,445	245,268	11
133,773	7,200	21,722	66,538	35,838	...	2,475	263,882	259,144	2,747	1,991	...	442,368	178,486	12
2,060,942	117,575	160,207	1,665,205	96,565	20,694	696	4,680,170	4,504,123	14,382	146,763	14,902	8,122,845	3,442,675	13
104,801	3,600	15,686	78,437	7,078	...	...	1,151,826	1,140,455	3,538	7,833	...	1,395,108	243,282	14
192,444	14,460	28,282	141,075	8,627	...	...	370,129	360,029	544	9,556	...	600,526	230,397	15
606,322	109,738	66,597	310,772	100,929	14,108	4,178	4,874,896	4,782,612	5,551	62,819	23,914	6,144,482	1,269,586	16
40,826	12,500	3,600	14,276	10,450	...	...	131,146	128,976	1,428	742	...	205,879	74,733	17
20,491	5,720	2,228	9,234	3,309	...	...	44,040	43,010	64	966	...	93,527	49,487	18
1,380,023	10,098	143,282	1,147,156	...	71,921	7,566	3,613,261	3,084,595	217,951	310,715	...	6,344,087	2,730,826	19
(5)	(5)	(5)	(5)	(5)	...	...	(5)	(5)	(5)	(5)	...	(5)	(5)	20
51,647	6,200	3,575	10,036	29,636	2,200	...	45,027	42,430	1,374	1,223	...	157,312	112,285	21
69,860	8,397	10,128	51,335	...	...	...	121,372	118,739	918	1,715	...	230,269	108,897	22
61,986	3,540	10,277	33,880	14,289	...	...	197,785	193,548	2,381	1,856	...	316,127	118,342	23
51,308	...	2,613	25,978	22,717	...	...	517,598	512,173	2,105	3,320	...	604,059	86,461	24
42,424,880	1,159,112	2,831,862	36,919,888	605,876	748,611	159,531	44,806,730	37,438,607	551,689	846,906	5,969,528	108,663,140	63,856,410	25
546,523	42,661	47,492	386,620	65,845	3,905	...	1,198,212	1,177,084	5,336	14,536	1,256	2,190,064	991,852	26
388,425	26,400	18,115	341,671	2,239	...	...	409,556	404,464	408	4,684	...	915,158	505,602	27
272,580	43,584	38,101	104,317	86,578	...	...	135,067	126,647	2,923	5,497	...	721,190	586,123	28
96,058	9,960	6,996	66,131	12,971	...	...	174,047	171,128	786	1,496	637	426,206	252,159	29
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	30
377,856	9,000	45,789	305,166	17,901	...	...	379,605	363,503	8,410	7,652	40	895,294	515,689	31
17,067	4,683	...	7,984	4,400	...	...	17,453	16,757	80	616	...	48,666	31,213	32
469,056	9,400	41,076	322,127	91,658	...	4,795	2,742,626	2,729,678	4,746	8,202	...	3,557,800	815,174	33
324,497	24,700	15,044	235,156	48,349	...	1,248	641,647	637,148	795	3,704	...	1,079,275	437,628	34
(5)	(5)	(5)	(5)	(5)	(5)	...	(5)	(5)	(5)	(5)	...	(5)	(5)	35
19,300	...	4,167	10,474	3,659	...	1,000	30,561	28,661	613	1,287	...	69,519	38,958	36
(5)	...	(5)	(5)	(5)	...	...	(5)	(5)	(5)	(5)	...	(5)	(5)	37
21,639	7,420	...	8,570	4,254	1,395	...	36,219	34,678	941	900	...	88,278	52,059	38
35,399	...	8,760	25,079	1,560	...	...	63,306	61,425	170	1,711	...	136,591	73,285	39
740,614	31,269	43,977	661,988	3,380	...	...	1,288,806	1,223,968	465	31,206	33,167	2,320,134	1,031,328	40
352,470	...	34,695	310,676	7,099	...	...	2,323,753	2,261,211	53,511	9,031	...	3,008,139	684,386	41
224,584	27,047	15,262	181,439	836	...	...	263,627	253,181	90	10,356	...	655,582	391,955	42
91,167	29,100	9,489	50,298	2,280	...	...	65,165	61,912	595	2,658	...	202,010	136,845	43
1,689,364	71,851	182,492	1,374,737	57,062	3,222	...	3,548,142	3,424,881	70,845	52,194	222	6,408,484	2,860,342	44
423,931	13,567	35,586	338,188	36,590	...	...	827,572	821,912	1,014	4,646	...	1,415,919	588,347	45
11,416,895	775,088	1,296,753	8,053,260	1,221,039	63,283	7,472	25,370,376	24,121,128	528,221	562,807	158,220	49,899,856	24,529,480	46
1,315,007	100,734	210,156	885,273	115,105	1,897	1,842	4,577,603	4,381,098	137,944	58,561	...	9,623,058	5,045,455	47
552,804	58,165	58,805	416,820	19,014	...	...	963,780	949,007	6,433	7,905	435	1,711,700	747,920	48
2,415,310	42,855	126,318	1,993,719	247,197	5,221	...	2,765,176	2,669,752	12,770	82,279	375	6,829,356	4,064,180	49
473,808	15,537	71,353	300,462	86,456	...	...	1,804,049	1,777,320	8,289	18,440	...	2,797,515	993,466	50
430,662	71,247	68,574	250,598	40,243	...	...	414,150	362,043	2,981	10,238	38,888	1,102,274	688,124	51
490,998	60,367	83,867	240,572	94,559	11,633	...	2,966,524	2,890,192	22,317	54,015	...	4,273,627	1,307,103	52
392,355	10,358	34,145	342,288	5,564	...	...	959,922	582,371	255,597	121,954	...	1,875,655	915,733	53
1,572,671	125,482	273,099	1,120,893	27,304	21,393	4,500	5,743,011	5,506,642	46,926	98,628	90,815	9,890,213	4,147,202	54
122,541	21,360	11,008	69,446	20,727	...	...	114,528	110,738	1,647	1,590	553	378,047	263,519	55
58,192	8,620	10,910	33,012	5,650	...	...	105,604	96,586	31	1,582	7,405	201,786	96,182	56
1,432,717	101,369	195,747	994,292	140,309	...	1,000	1,519,836	1,452,487	14,919	36,246	16,184	4,077,469	2,557,633	57
289,117	29,521	12,779	207,373	39,444	...	...	793,462	783,881	3,317	6,264	...	1,370,592	577,130	58
1,870,713	129,473	139,992	1,198,512	379,467	23,139	130	2,642,731	2,559,011	15,050	65,105	3,565	5,768,564	3,125,833	59

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[6] For numbers of establishments and of wage earners in individual industries, see table 11.

TABLE 9.—GENERAL STATISTICS FOR PORTLAND, BY INDUSTRIES: 1939

[This table presents separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures are given, however, reported larger numbers of wage earners or larger values of products than some of those shown separately. No data for nonmanufacturing personnel, except salaried officers of corporations, are included in this table]

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
	All industries, total	759	499	553	2,069	15,856	$2,154,131	$3,625,762	$19,606,941	$62,596,616	$116,046,604	$53,449,988
16	Batteries, storage and primary (dry and wet)	4	3	4	2	16	8,739	1,277	18,229	85,807	152,437	66,630
1	Biscuit, crackers, and pretzels	5	2	6	7	160	21,025	15,895	191,688	412,061	1,180,976	768,915
8	Bookbinding and related industries *	7	10	5	5	47	12,800	6,061	63,818	64,839	208,320	143,481
8	Books: printing without publishing	4	3	4	12	29	(4)	(4)	(4)	(4)	(4)	(4)
8	Books: publishing without printing	3		3	13		(4)	(4)	(4)	(4)	(4)	(4)
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	72	59	35	65	841	145,302	133,202	1,295,336	2,544,361	5,565,838	3,021,477
20	Brooms	3	5		2	24	(4)	(4)	(4)	(4)	(4)	(4)
1	Candy and other confectionery products *	15	8	8	4	176	27,800	8,636	162,202	462,047	815,753	353,706
1	Canned and dried fruits and vegetables (including canned soups)	7	1	8	55	614	(4)	(4)	(4)	(4)	(4)	(4)
6	Caskets, coffins, burial cases, and other morticians' goods	4	2	5	7	88	22,750	16,241	127,609	166,062	462,103	296,041
4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors *	8	2	10	14	284	48,578	25,355	243,442	609,069	1,269,753	660,684
9	Compressed and liquefied gases, not made in petroleum refineries or in natural-gasoline plants	3			6	17	(4)	(4)	(4)	(4)	(4)	(4)
13	Concrete products	8	5	1	5	53	2,400	7,777	71,438	326,901	573,953	247,052
17	Construction and similar machinery (except mining and oil-field machinery and tools)	3		7	33	145	(4)	(4)	(4)	(4)	(4)	(4)
1	Creamery butter	6	2	2	16	66	6,582	27,158	92,852	1,414,787	1,693,659	278,872
20	Dental equipment and supplies	3	2	3	3	6	9,420	4,028	7,940	11,399	69,028	57,629
16	Electrical products not elsewhere classified	3	1	1	7	13	(4)	(4)	(4)	(4)	(4)	(4)
15	Electroplating, plating, and polishing	3	3		1	10		645	12,338	6,255	33,594	27,339
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	10	6	8	17	136	20,801	26,728	184,687	468,449	875,446	406,997
1	Flavoring extracts and flavoring sirups, not elsewhere classified *	6	2	4	6	34	13,194	5,730	34,851	226,697	313,960	87,263
1	Food preparations, not elsewhere classified	11	8	6	7	54	(4)	(4)	(4)	(4)	(4)	(4)
8	General commercial (job) printing	70	62	53	69	302	149,309	88,350	414,970	585,046	1,735,714	1,150,668
16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	4	4	3	12	51	5,765	16,244	60,069	100,612	220,412	119,800
14	Gray-iron and semisteel castings	6	2	5	14	136	13,998	25,364	166,181	214,732	504,941	290,209
4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	3	3		1	26		840	19,194	36,585	91,038	54,453
4	Housefurnishings (except curtains, draperies, and bedspreads)	3	2	2	4	21	2,635	3,273	17,161	53,178	77,293	24,115
6	Household furniture, except upholstered	7	5		27	1,571	(4)	(4)	(4)	(4)	(4)	(4)
1	Ice cream and ices	11	5	4	15	53	8,673	28,050	74,144	761,456	1,531,686	770,230
1	Ice, manufactured	7	4	2	6	22	7,930	5,092	23,854	44,106	201,187	157,081
15	Jewelry (precious metals)	6	7		4	32		3,401	40,169	55,277	117,489	62,212
3	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	4	3	11	38	389	(4)	(4)	(4)	(4)	(4)	(4)
1	Macaroni, spaghetti, vermicelli, and noodles	5	3	7	7	63	(4)	(4)	(4)	(4)	(4)	(4)
8	Machine and hand typesetting (including advertisement typesetting)	9	13		2	24		1,379	33,322	11,336	98,304	86,968
17	Machine-shop products, not elsewhere classified	22	9	22	41	327	59,611	78,633	489,975	753,342	1,815,913	1,062,571
17	Machine-shop repairs	13	11	3	3	49	9,000	4,980	73,289	65,049	228,366	163,317
1	Meat packing, wholesale	3		4	7	55	(4)	(4)	(4)	(4)	(4)	(4)
13	Mirrors and other glass products made of purchased glass	3	3			27	(4)	(4)	(4)	(4)	(4)	(4)
20	Models and patterns (except paper patterns)	4	3	3	5	28	11,900	10,565	45,691	15,279	106,988	91,709
13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	5	6	2	5	31	9,600	6,312	41,855	76,135	222,345	146,210
18	Motor vehicles, motor-vehicle bodies, parts and accessories	8	7	4	12	165	24,100	20,842	241,225	469,632	838,848	369,216
8	Newspapers: publishing and printing	7	4	5	563	561	(4)	(4)	(4)	(4)	(4)	(4)
1	Nonalcoholic beverages *	7	3	6	12	44	11,800	18,751	74,637	380,552	860,115	479,563
14	Oil burners, domestic and industrial	4	2	3	4	9	5,100	5,544	8,979	51,387	96,821	45,434
7	Paperboard containers and boxes not elsewhere classified *	9	3	9	16	133	25,510	29,868	183,330	334,608	766,283	431,675
8	Periodicals: publishing and printing	4	2	2	14	33	7,800	19,806	43,636	27,039	154,679	127,640

See footnotes at end of table.

TABLE 9.—GENERAL STATISTICS FOR PORTLAND, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
8	Periodicals: publishing without printing [a]	23	14	23	64	4	$74,099	$74,321	$2,749	$292,720	$767,524	$474,804
8	Photoengraving, not done in printing establishments (including preparation of plates) [a]	7	3	8	11	38	38,801	15,760	85,837	43,177	288,445	245,268
5	Planing mills not operated in conjunction with sawmills	22	17	24	44	458	65,406	59,884	646,439	1,338,866	2,443,256	1,104,390
14	Power boilers and associated products	3	4	6	19	97	14,460	28,282	141,075	370,129	600,526	230,397
1	Prepared feeds (including mineral) for animals and fowls	9	4	11	27	130	54,361	49,925	161,471	3,096,455	3,821,512	725,057
9	Printing ink	3	1	2	2	6	5,720	2,228	9,234	44,040	93,527	49,487
17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	4	3	3	4	35	(4)	(4)	(4)	(4)	(4)	(4)
10	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	4		2	5	14	6,200	3,575	10,036	45,027	157,312	112,285
5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	16	3	22	86	1,872	109,710	189,283	2,240,301	4,354,038	7,964,836	3,610,798
15	Sheet-metal work not specifically classified	18	13	10	20	345	38,318	45,796	370,677	1,149,661	2,112,238	962,577
19	Shipbuilding and ship repairing	3	1	3	5	175	(4)	(4)	(4)	(4)	(4)	(4)
20	Signs, advertising displays, and advertising novelties	10	9	7	13	52	22,265	14,695	56,230	67,770	337,784	270,014
14	Steel castings	3		5	38	295	(4)	(4)	(4)	(4)	(4)	(4)
20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	3	2	3		6	4,683		7,984	17,453	48,666	31,213
4	Textile bags—not made in textile mills	3		2	27	314	9,400	41,076	322,127	2,742,626	3,557,800	815,174
6	Upholstered household furniture	8	8	6	8	169	24,700	15,044	235,156	641,647	1,079,275	437,628
14	Wirework not elsewhere classified	4	3		6	26		8,760	25,079	63,306	136,591	73,285
6	Wooden boxes except cigar boxes	5	3	5	5	60	9,150	5,310	58,948	142,071	252,013	109,942
6	Wood products not elsewhere classified	6	3	4	5	46	14,447	7,232	45,989	105,007	243,262	138,255
4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	4	1	3	16	331	13,567	35,586	338,188	827,572	1,415,919	588,347
	Other industries [5]	273	168	202	1,327	8,501	957,222	2,391,193	10,310,312	36,490,213	67,977,875	31,487,662
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	52	20	37	181	1,337	141,900	332,599	1,422,179	13,486,858	20,116,590	6,629,732
3	Textile-mill products and other fiber manufactures	9	5	16	90	1,234	107,313	177,758	1,278,854	3,495,625	7,164,171	3,668,546
4	Apparel and other finished products made from fabrics and similar materials	17	14	11	16	258	44,565	26,627	216,089	580,779	998,990	418,211
6	Furniture and finished lumber products	25	17	16	51	1,855	47,098	110,656	1,968,286	2,958,236	6,806,587	3,848,351
7	Paper and allied products	4	2	3	3	40	8,003	8,440	43,779	122,716	288,987	166,271
8	Printing, publishing, and allied industries	24	13	22	611	735	148,906	982,455	1,185,805	1,933,669	7,019,222	5,085,553
9	Chemicals and allied products	28	14	16	57	236	66,095	109,168	297,310	3,688,887	5,175,853	1,486,966
12	Leather and leather products	16	16	6	13	144	25,200	15,606	131,345	304,027	629,092	325,065
13	Stone, clay, and glass products	5	5		1	32		1,089	43,010	166,598	279,468	112,870
14	Iron and steel and their products, except machinery	20	13	20	137	999	131,482	304,280	1,371,945	5,861,179	10,356,618	4,495,439
15	Nonferrous metals and their products	10	9	4	10	78	22,710	21,674	102,404	214,262	507,364	293,102
16	Electrical machinery	6	4	4	7	32	8,620	10,910	33,012	105,604	201,786	96,182
17	Machinery (except electrical)	28	10	29	115	678	132,649	218,293	1,087,745	1,679,592	4,459,839	2,780,247
20	Miscellaneous industries	18	20	11	12	165	39,481	12,975	144,189	394,881	746,493	351,612
19	Transportation equipment except automobiles	4	2	3	5	179						
2	Tobacco manufactures	1										
5	Lumber and timber basic products	1										
10	Products of petroleum and coal	1	4	4	18	499	33,200	58,663	984,360	1,497,300	3,226,815	1,729,515
11	Rubber products	2										
18	Automobiles and automobile equipment	2										

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] Figures do not include data for personnel of central-administrative offices.

[2] Each of the averages in the "Wage earners" column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

[4] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.

[5] For numbers of establishments and of wage earners in individual industries, see table 11.

[a] To avoid disclosing exact or approximate data for individual establishments, the data for 1 establishment located outside Portland have been included in the figures for the industries to which this footnote is indexed. Data for this establishment are not, however, included in the total for the city.

TABLE 10.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939

COUNTY	Total	INDUSTRY GROUP																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
The State	2,248	665	1	20	40	729	88	29	256	49	6	2	22	51	57	45	14	102	14	11	47
Baker	25	12				6			4					2				1			
Benton	46	8				31	1		3					3							
Clackamas	82	19			2	40	2	5	6	1			1	2	1	2		1			
Clatsop	78	22				38	2		4	3					2			4		3	
Columbia	45	7				25	2	5	3				1							2	
Coos	88	29				42	4		6					1	1			3		2	
Crook	7	2				4			1												
Curry	14	4				10															
Deschutes	24	9				10	2		2						1						
Douglas	55	11				41	1		2												
Gilliam	1	1																			
Grant	8	5				2			1												
Harney	5	3				1			1												
Hood River	21	8		1		6			2	1								2			1
Jackson	61	23				25			7	1				2	1			1			1
Jefferson	1					1															
Josephine	26	11				10	1		3		1										
Klamath	73	22				34	2		6					2		1		6			
Lake	20	4				13	1		2												
Lane	169	31		1		107	6		12					2	1			6	1		2
Lincoln	28	6				19	1		1									1			
Linn	84	20		1		50	2	2	5				1	1				2			
Malheur	16	10				1			4					1							
Marion	127	56		6		23	3	3	13	2			1	5	2	4		5	1		3
Morrow	8	2				5			1												
Multnomah	822	205	1	10	37	53	53	13	143	39	5	2	16	25	48	38	14	64	12	4	40
Polk	46	16				23	1		2				1	1				2			
Tillamook	50	24				24			2												
Umatilla	36	24		1		3	1		5	1			1								
Union	24	12				6	1		4					1							
Wallowa	11	4				6			1												
Wasco	20	11				6	1		2												
Washington	63	19				37	1		3					2				1			
Wheeler	6					6															
Yamhill	58	25			1	21		1	5	1				1				3			

TABLE 11.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE AND FOR PORTLAND: 1939

[In order to avoid disclosing data for individual establishments, wage-earner figures for industries represented by fewer than three establishments are withheld]

Group No.	TITLE	Number of establishments	Wage earners
	STATE OF OREGON		
1	Beet sugar	1	
	Cereal preparations	2	
	Cooking and other edible fats and oils, not elsewhere classified	1	
	Cured fish	1	
	Liquors, distilled	1	
	Macaroni, spaghetti, vermicelli, and noodles	5	63
	Malt liquors	5	79
	Quick-frozen foods	2	
	Sausage casings—not made in meat-packing establishments	1	
2	Cigars	1	
3	Batting, padding, and wadding, upholstery filling		
	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	1	
	Cloth sponging and miscellaneous special finishing	1	
	Cordage and twine	1	
	Cotton broad woven goods	1	
	Cotton narrow fabrics	1	
	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	4	180
4	Canvas products (except bags)	2	
	Clothing, leather and sheep-lined	1	
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	1	
	Fur coats and other fur garments, accessories, and trimmings	1	
	Men's and boys' hats and caps (except felt and straw)	1	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	5	180
	Men's neckwear—made in inside factories or by jobbers engaging contractors	2	
	Robes, lounging garments, and dressing gowns	1	
	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories	2	
	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors	1	
	STATE OF OREGON—Continued		
4	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	1	
	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	1	
	Work gloves and mittens: cloth, cloth and leather combined	1	
	Work shirts	1	
5	Plywood mills	1	
6	Excelsior	1	
	Household furniture, except upholstered	10	1,665
	Mirror frames and picture frames	1	
	Office furniture	1	
	Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets	1	
	Venetian blinds	5	135
	Window shades	3	57
7	Coated and glazed paper	2	
	Converted paper products not elsewhere classified	2	
	Die-cut paper and paperboard, and converted cardboard	1	
	Envelopes	1	
	Paper bags, except those made in paper mills	1	
8	Books: printing without publishing	4	29
	Books: publishing and printing	2	
	Books: publishing without printing	3	
	Electrotyping and stereotyping, not done in printing establishments	2	
	Engraving (steel, copperplate, and wood); plate printing	2	
	Greeting cards (except hand-painted)	2	
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	1	
	Newspapers: publishing without printing	2	

See footnote at end of table.

TABLE 11.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE AND FOR PORTLAND: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	STATE OF OREGON—Continued		
9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	3	17
	Explosives	1	
	Fish and other marine oils, cake, and meal	3	21
	Grease and tallow (except lubricating greases)	3	10
	Insecticides, fungicides, and related industrial and household chemical compounds	2	
	Linseed oil, cake, and meal	2	
	Lubricating oils and greases—not made in petroleum refineries	2	
	Perfumes, cosmetics, and other toilet preparations	2	
	Soap and glycerin	2	
	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	1	
	Vegetable and animal oils, not elsewhere classified	1	
10	Fuel briquets	1	
	Petroleum refining	1	
11	Rubber products not elsewhere classified	2	
12	Industrial leather belting and packing leather	1	
	Leather goods not elsewhere classified	2	
	Suitcases, brief cases, bags, trunks, and other luggage	2	
13	Asbestos products (except steam packing and pipe and boiler covering)	1	
	Cement	3	242
	Mirrors and other glass products made of purchased glass	3	27
	Pottery products not elsewhere classified	1	
	Statuary and art goods (except stone and concrete)—factory production	1	
14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	1	
	Doors, window sash, frames, molding, and trim (made of metal)	1	
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	1	
	Forgings, iron and steel—made in plants not operated in connection with rolling mills	1	
	Hardware not elsewhere classified	1	
	Heating and cooking apparatus, except electric, not elsewhere classified	2	
	Saws	1	
	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	1	
	Stamped and pressed metal products (except automobile stampings)	1	
	Steam fittings, regardless of material	2	
	Steel castings	3	295
	Tin cans and other tinware not elsewhere classified	2	
	Tools (except edge tools, machine tools, files, and saws)	1	
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	1	
	Engraving on metal (except for printing purposes)	2	
	Lighting fixtures	1	
	Nonferrous-metal products not elsewhere classified	4	41
16	Communication equipment	1	
	Electrical appliances	1	
	Electrical products not elsewhere classified	3	13
	Radios, radio tubes, and phonographs	1	
17	Agricultural machinery (except tractors)	1	
	Cars and trucks, industrial	1	
	Construction and similar machinery (except mining and oil-field machinery and tools)	3	145
	Elevators, escalators, and conveyors	1	
	Food-products machinery	5	78
	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	2	
	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	1	
	Metalworking machinery and equipment, not elsewhere classified	1	
	Printing-trades machinery and equipment	1	
	Pumping equipment and air compressors	2	
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	4	35
	Stokers, mechanical, domestic and industrial	1	
20	Brooms	3	24
	Brushes	2	
	Carbon paper and inked ribbons	1	
	Fabricated plastic products, not elsewhere classified	1	
	Fire extinguishers, chemical	1	
	Games and toys (except dolls and children's vehicles)	1	
	Hand stamps, stencils, and brands	2	
	Miscellaneous fabricated products not elsewhere classified	1	
	Professional and scientific instruments (except surgical and dental)	1	
	Wool pulling	1	

Group No.[1]	TITLE	Number of establishments	Wage earners
	CITY OF PORTLAND		
1	Canned and dried fruits and vegetables (including canned soups)	7	614
	Cereal preparations	2	
	Cheese	2	
	Condensed and evaporated milk	2	
	Cooking and other edible fats and oils, not elsewhere classified	1	
	Flour and other grain-mill products	2	
	Food preparations, not elsewhere classified	11	54
	Macaroni, spaghetti, vermicelli, and noodles	5	63
	Malt liquors	2	
	Meat packing, wholesale	3	55
	Pickled fruits and vegetables and vegetable sauces and seasonings	2	
	Poultry dressing and packing, wholesale	2	
	Preserves, jams, jellies, and fruit butters	2	
	Salad dressings	4	41
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	3	16
	Vinegar and cider	1	
	Wines	1	
2	Cigars	1	
3	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	1	
	Cloth sponging and miscellaneous special finishing	1	
	Cotton narrow fabrics	1	
	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	4	389
	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	2	
4	Canvas products (except bags)	2	
	Clothing, leather and sheep-lined	1	
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	1	
	Fur coats and other fur garments, accessories, and trimmings	1	
	Men's and boys' hats and caps (except felt and straw)	1	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	2	
	Men's neckwear—made in inside factories or by jobbers engaging contractors	2	
	Robes, lounging garments, and dressing gowns	1	
	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories	2	
	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors	1	
	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	1	
	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	1	
	Work shirts	1	
5	Plywood mills	1	
6	Household furniture, except upholstered	7	1,571
	Mattresses and bedsprings	7	189
	Mirror frames and picture frames	1	
	Office furniture	1	
	Partitions, shelving, cabinet work, and office and store fixtures	3	23
	Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets	1	
	Venetian blinds	3	27
	Window shades	2	
7	Coated and glazed paper	1	
	Converted paper products not elsewhere classified	1	
	Die-cut paper and paperboard, and converted cardboard	1	
	Envelopes	1	
8	Books: printing without publishing	4	29
	Books: publishing and printing	1	
	Books: publishing without printing	3	
	Electrotyping and stereotyping, not done in printing establishments	2	
	Engraving (steel, copperplate, and wood); plate printing	2	
	Greeting cards (except hand-painted)	2	
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	1	
	Newspapers: publishing and printing	7	561
	Newspapers: publishing without printing	2	
9	Cleaning and polishing preparations, blackings, and dressings	5	12
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	3	17
	Drugs and medicines (including drug grinding)	2	
	Fertilizers	1	
	Insecticides, fungicides, and related industrial and household chemical compounds	1	

See footnote at end of table.

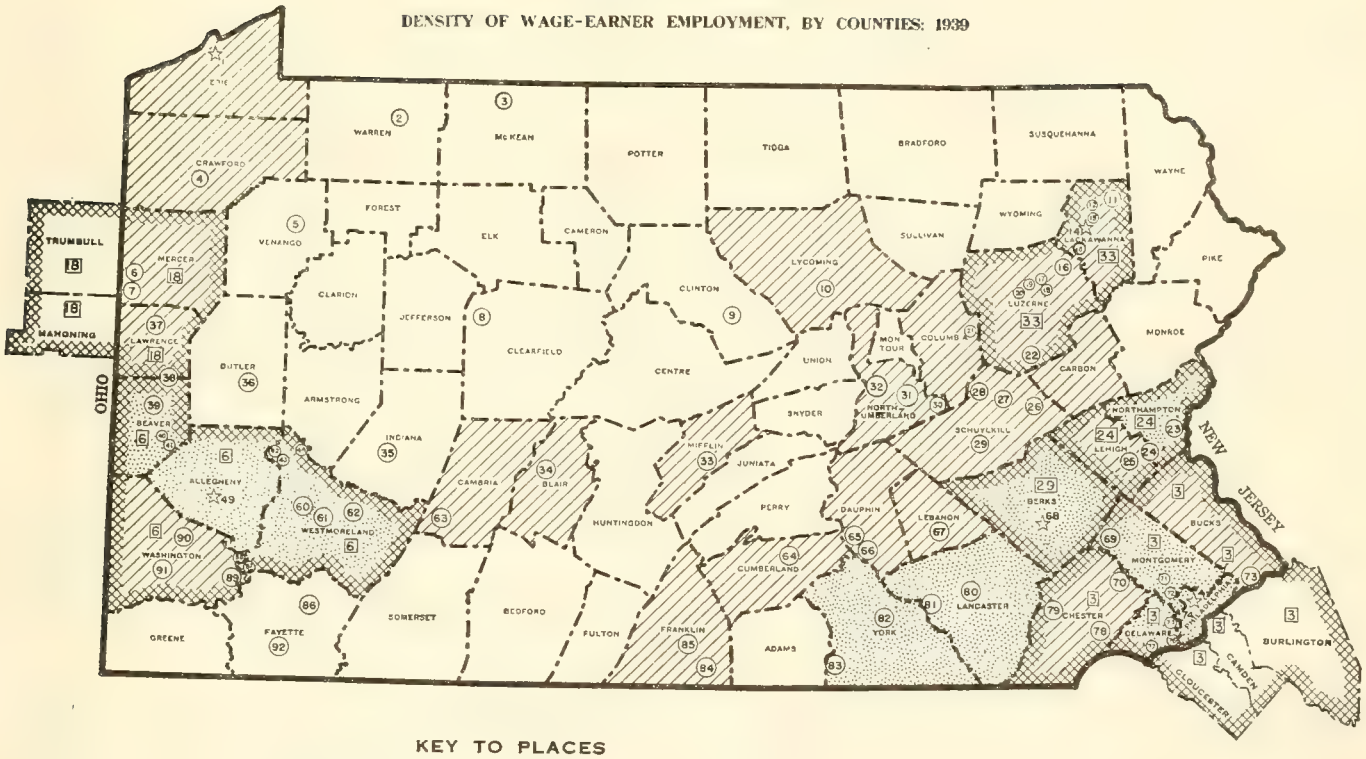
TABLE 11. INDUSTRIES IN "OTHER INDUSTRIES" GROUPS - NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE AND FOR PORTLAND: 1939 -Continued

Group No.	Title	Number of establishments	Wage earners
	CITY OF PORTLAND Continued		
[illegible]	Lard, tallow, cake, and meal	2	
	Paints, varnishes, and lacquers	8	69
	Perfumes, cosmetics, and other toilet preparations	2	
	Soap and glycerin	2	
	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	1	
	Vegetable and animal oils, not elsewhere classified	1	
10	Petroleum refining	1	
11	Rubber products not elsewhere classified	2	
12	Footwear (except rubber)	4	41
	Industrial leather belting and packing leather	1	
	Leather gloves and mittens	3	19
	Leather goods not elsewhere classified	2	
	Leather, tanned, curried, and finished (contract factories)	1	
	Saddlery, harness, and whips	3	21
	Suitcases, brief cases, bags, trunks, and other luggage	2	
13	Asbestos products (except steam packing and pipe and boiler covering)	1	
	Mirrors and other glass products made of purchased glass	3	27
	Statuary and art goods (except stone and concrete) factory production	1	
14	Bolts, nuts, washers, and rivets (made in plants not operated in connection with rolling mills)	1	
	Doors, window sash, frames, molding, and trim (made of metal)	1	
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semi-vitreous china sanitary ware)	1	
	Forgings, iron and steel (made in plants not operated in connection with rolling mills)	1	
	Heating and cooking apparatus, except electric, not elsewhere classified	2	
	Saws	1	
	Springs, steel (except wire) (made in plants not operated in connection with rolling mills)	1	
	Stamped and pressed metal products (except automobile stampings)	1	
	Steam fittings, regardless of material	2	
	Steel castings	3	295
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	5	246
	Tin cans and other tinware not elsewhere classified	1	
	CITY OF PORTLAND Continued		
15	Alloying, and rolling and drawing of nonferrous metals, except aluminum	1	
	Engraving on metal (except for printing purposes)	2	
	Nonferrous-metal foundries (except aluminum)	4	34
	Nonferrous-metal products not elsewhere classified	3	41
16	Communication equipment	1	
	Electrical appliances	1	
	Electrical products not elsewhere classified	3	13
	Radios, radio tubes, and phonographs	1	
17	Cars and trucks, industrial	1	
	Construction and similar machinery (except mining and oil-field machinery and tools)	3	145
	Elevators, escalators, and conveyors	1	
	Food-products machinery	3	64
	Industrial machinery, not elsewhere classified	5	59
	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	2	
	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	1	
	Metalworking machinery and equipment, not elsewhere classified	1	
	Printing-trades machinery and equipment	1	
	Pumping equipment and air compressors	2	
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	4	35
	Stokers, mechanical, domestic and industrial	1	
	Woodworking machinery	3	18
18	Automobile trailers (for attachment to passenger cars)	2	
19	Boat building and boat repairing	1	
	Shipbuilding and ship repairing	3	178
20	Brooms	3	24
	Brushes	2	
	Carbon paper and inked ribbons	1	
	Fabricated plastic products, not elsewhere classified	1	
	Fire extinguishers, chemical	1	
	Games and toys (except dolls and children's vehicles)	1	
	Hand stamps, stencils, and brands	2	
	Miscellaneous fabricated products not elsewhere classified	1	
	Professional and scientific instruments (except surgical and dental)	1	
	Sporting and athletic goods not elsewhere classified	5	41

[1] For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and of industry groups, sec. 27.

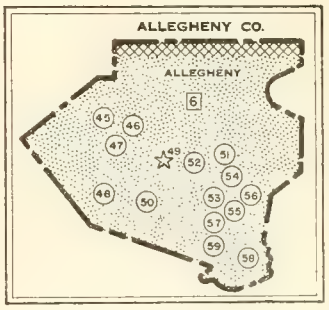
PENNSYLVANIA

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939



KEY TO PLACES

ALIQUIPPA	40	CONNELLSVILLE	86	LANCASTER	80	PITTSTON	16
ALLENTOWN	25	CONSHOHOCKEN	72	LANSDOWNE	75	PLYMOUTH	19
ALTOONA	34	CORAOPOLIS	45	LATROBE	62	POTTSTOWN	69
AMBRIDGE	41	DARBY	76	LEBANON	67	POTTSVILLE	29
ARNOLD	42	DICKSON CITY	12	LEWISTOWN	33	READING	68
BEAVER FALLS	39	DONORA	88	LOCK HAVEN	9	SCRANTON	14
BELLEVUE	46	DORMONT	50	MAHANOY CITY	27	SHAMOKIN	31
BERWICK	21	DU BOIS	8	MCKEESPORT	58	SHARON	6
BETHLEHEM	24	DUNMORE	13	MCKEES ROCKS	47	SHENANDOAH	28
BRADDOCK	55	DUQUESNE	57	MEADVILLE	4	STEELTON	66
BRADFORD	3	EASTON	23	MONESSEN	87	SUNBURY	32
BRISTOL	73	ELLWOOD CITY	38	MOUNT CARMEL	30	SWISSVALE	54
BUTLER	36	ERIE	1	MUNHALL	53	TAMAQUA	26
CANONSBURG	90	FARRELL	7	NANTICOKE	20	UNIONTOWN	92
CARBONDALE	11	GREENSBURG	61	NEW CASTLE	37	VANDERGRIFT	44
CARLISLE	64	HANOVER	83	NEW KENSINGTON	43	WARREN	2
CARNEGIE	48	HARRISBURG	65	NORRISTOWN	71	WASHINGTON	91
CHAMBERSBURG	85	HAZLETON	22	NORTH BRADDOCK	56	WAYNESBORO	84
CHARLEROI	89	HOMESTEAD	52	OIL CITY	5	WEST CHESTER	78
CHESTER	77	INDIANA	35	OLD FORGE	15	WILKES-BARRE	18
CLAIRTON	59	JEANNETTE	60	PHILADELPHIA	74	WILKINSBURG	51
COATESVILLE	79	JOHNSTOWN	63	PHOENIXVILLE	70	WILLIAMSPORT	10
COLUMBIA	81	KINGSTON	17	PITTSBURGH	49	YORK	82



UNDER 5,000 WAGE EARNERS

5,000 TO 24,999 WAGE EARNERS

25,000 OR MORE WAGE EARNERS

○ PLACES OF 10,000 TO 99,999 POPULATION

☆ PLACES OF 100,000 OR MORE POPULATION

INDUSTRIAL AREAS:

- 3 PHILADELPHIA-CAMDEN AREA
- 6 PITTSBURGH AREA
- 24 ALLENTOWN-BETHLEHEM AREA
- 29 READING AREA
- 33 SCRANTON-WILKES-BARRE AREA
- 18 YOUNGSTOWN AREA

Prepared by the Bureau of the Census, Department of Commerce

PENNSYLVANIA

Table 1.—SUMMARY FOR THE STATE: 1939, 1937, AND 1929

Census year	Number of establishments	Proprietors and firm members	Number of persons employed in manufacturing [1]	Salaries and wages [1]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2]	Value of products [2]	Value added by manufacture [3]
1939	13,801	9,890	964,273	$1,256,570,582	$2,986,796,552	$5,475,925,482	$2,489,128,930
1937	13,084	8,367	1,076,958	1,459,971,647	3,367,672,686	6,032,083,005	2,664,410,319
1929	16,571	11,359	1,088,932	1,635,900,542	3,874,523,483	7,169,102,171	3,294,578,688

[1] Figure for 1939 does not include data for employees of manufacturing establishments (except salaried officers of corporations) who were engaged in distribution, construction, and other nonmanufacturing work. For detail, see table 8. It is not known to what extent data for such nonmanufacturing employees were included in figures reported for earlier years. See General Explanations—Persons engaged—general classification.

[2] The aggregates for cost of materials, etc., and value of products include large amounts of duplication due to the use of the products of some industries as materials by others. See General Explanations—Duplication in cost of materials and value of products.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See General Explanations—Value added by manufacture.

Table 2.—SUMMARY FOR INDUSTRIAL AREAS, COUNTIES, AND PLACES: 1939

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2] [3]	Value of products [2] [3]	Value added by manufacture [4]
The State	9,900,180	[5] 13,801	858,296	$1,003,349,392	$2,986,796,552	$5,475,925,482	$2,489,128,930
INDUSTRIAL AREAS							
Philadelphia-Camden area, total [6]	3,199,637	6,082	321,725	387,115,110	1,252,248,479	2,292,960,250	1,040,711,771
Portion in Pennsylvania	2,774,678	5,597	278,621	332,884,452	1,082,606,738	1,972,160,057	889,553,319
Portion in New Jersey	424,959	485	43,104	54,230,658	169,641,741	320,800,193	151,158,452
Pittsburgh area [7]	2,082,556	2,110	191,903	271,080,178	858,173,578	1,501,398,647	643,225,069
Youngstown area, total [8]	570,482	547	72,826	107,944,195	402,716,763	629,223,979	226,507,216
Portion in Pennsylvania	197,916	196	20,536	28,530,219	78,738,510	137,481,573	58,743,063
Portion in Ohio	372,566	351	52,290	79,413,976	323,978,253	491,742,406	167,764,153
Allentown-Bethlehem area [9]	346,492	624	55,342	58,666,927	138,871,123	280,591,946	141,720,823
Reading area [10]	241,884	506	40,612	41,696,675	70,786,419	154,764,625	83,978,206
Scranton-Wilkes-Barre area [11]	742,761	579	31,452	27,127,023	66,821,221	132,922,225	66,101,004
COUNTIES IN PENNSYLVANIA [6]							
Adams	39,435	70	4,192	3,068,382	8,003,496	14,977,646	6,974,150
Allegheny	1,411,539	1,571	124,216	174,608,567	580,796,799	1,007,975,593	427,178,794
Armstrong	81,087	52	4,062	4,841,871	9,482,865	24,505,787	15,022,922
Beaver	156,754	165	26,659	39,470,966	130,363,752	218,913,277	88,549,525
Bedford	40,809	36	386	273,164	646,309	1,320,479	674,170
Berks (coextensive with Reading Industrial Area)	241,884	506	40,612	41,696,675	70,786,419	154,764,625	83,978,206
Blair [12]	140,358	105	5,105	----	----	----	----
Bradford	50,615	41	2,374	2,185,346	7,991,339	13,909,661	5,918,322
Bucks	107,715	185	10,899	10,962,971	23,515,664	49,840,238	26,324,574
Butler	87,590	83	4,855	7,085,842	28,744,309	44,121,775	15,377,466
Cambria	213,459	133	14,191	19,056,730	65,909,474	102,060,365	36,150,891
Cameron [12]	6,852	4	1,696	----	----	----	----
Carbon [12]	61,735	59	5,590	----	----	----	----
Centre	52,608	50	2,419	2,427,099	4,215,676	9,651,567	5,435,891
Chester	135,626	181	10,651	11,825,984	33,133,956	59,083,219	25,949,263
Clarion	38,410	38	910	1,045,775	2,116,667	5,413,091	3,296,424
Clearfield	92,094	71	2,963	2,910,096	6,521,642	12,991,428	6,469,786
Clinton	34,557	41	3,273	3,136,714	14,340,720	21,664,602	7,323,882
Columbia	51,413	77	5,455	4,643,624	12,221,581	21,366,801	9,145,220
Crawford	71,644	73	5,839	7,341,218	16,323,283	32,867,057	16,543,774
Cumberland	74,806	107	5,941	4,317,399	10,769,162	21,597,820	10,828,658
Dauphin	177,410	251	15,685	16,715,936	59,997,786	109,585,064	49,587,278
Delaware	310,756	214	26,520	39,886,544	160,570,126	256,124,632	95,554,506
Elk	34,443	44	3,374	3,953,306	14,542,998	24,374,529	9,831,531
Erie	180,889	309	19,251	25,026,070	70,167,192	142,392,797	72,225,605
Fayette	200,999	118	3,864	4,348,249	8,950,297	18,736,922	9,786,625
Forest [12]	5,791	4	421	----	----	----	----
Franklin	69,378	95	5,942	5,812,183	12,584,223	28,548,011	15,963,788
Fulton	10,673	12	35	19,288	60,503	116,285	55,782
Greene	44,671	14	106	106,209	230,830	495,903	265,073
Huntingdon	41,836	41	2,106	1,781,251	3,200,400	6,806,992	3,606,592
Indiana	79,854	41	654	688,963	1,555,542	3,312,936	1,757,394
Jefferson	54,090	49	1,360	1,404,929	3,709,004	7,365,293	3,656,289
Juniata	15,373	22	611	405,846	306,933	884,941	578,008
Lackawanna	301,243	272	12,429	10,763,207	25,879,057	51,024,790	25,145,733

See footnotes at end of table.

TABLE 2.—SUMMARY FOR INDUSTRIAL AREAS, COUNTIES, AND PLACES: 1939—Continued

	Population, 1940	Number of establishments	Wage earners (average for year)[1]	Wages[2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work[2 3]	Value of products[2 3]	Value added by manufacture[4]
COUNTIES IN PENNSYLVANIA[5]—continued							
Lancaster	212,504	431	27,718	$25,114,722	$65,558,833	$131,382,414	$65,823,581
Lawrence	96,877	94	9,750	13,017,954	25,077,432	51,034,024	25,956,592
Lebanon	72,641	157	10,942	10,070,106	23,482,902	41,273,899	17,790,997
Lehigh	177,533	346	22,709	20,616,205	60,635,826	107,307,642	46,671,816
Luzerne	441,518	307	19,022	16,363,816	40,942,164	81,897,435	40,955,271
Lycoming	93,633	153	9,297	9,089,069	27,780,255	49,956,670	22,176,415
McKean	56,673	95	3,805	4,047,756	18,071,134	30,551,806	12,480,672
Mercer	101,039	102	10,786	15,512,265	53,661,078	86,447,549	32,786,471
Mifflin	42,993	38	5,591	6,586,434	7,163,937	19,614,926	12,450,989
Monroe	29,802	53	1,898	1,984,920	3,587,196	8,486,239	4,899,043
Montgomery	289,247	506	34,196	38,517,573	99,351,356	188,855,664	89,504,308
Montour	15,466	13	624	635,801	1,075,476	2,374,320	1,298,844
Northampton	168,959	278	32,634	38,050,722	78,235,297	173,284,304	95,049,007
Northumberland	126,887	119	6,673	5,486,750	11,546,932	23,704,150	12,157,218
Perry	23,213	33	568	341,095	609,538	1,395,991	786,453
Philadelphia (coextensive with Philadelphia city)	1,931,334	4,511	196,356	231,691,380	766,035,636	1,418,256,304	652,220,668
Pike	7,452	7	97	71,955	184,879	381,548	196,669
Potter	18,201	26	923	755,349	3,042,758	4,790,851	1,748,093
Schuylkill	228,331	201	8,516	6,263,874	15,170,717	30,025,145	14,854,428
Snyder	20,208	33	1,009	670,446	1,729,111	2,960,348	1,231,237
Somerset	84,957	55	415	377,593	1,077,575	2,085,943	1,008,368
Sullivan	7,504	5	280	182,886	929,663	1,704,481	774,818
Susquehanna	33,893	27	404	311,816	690,846	1,491,766	800,920
Tioga	35,004	31	1,950	2,186,408	6,000,058	12,631,562	6,631,504
Union	20,247	31	956	673,192	2,639,636	4,115,532	1,475,896
Venango	63,958	68	3,648	4,146,475	25,326,008	36,616,249	11,290,241
Warren	42,789	58	2,684	3,321,406	13,413,965	22,345,940	8,931,975
Washington	210,852	131	14,473	20,870,326	61,016,071	105,603,344	44,587,273
Wayne	29,934	41	1,455	934,123	2,561,281	4,748,223	2,186,942
Westmoreland	303,411	243	26,556	36,130,319	85,996,956	168,906,433	82,909,477
Wyoming	16,702	17	414	427,989	2,667,296	3,749,408	1,082,112
York	178,022	457	27,302	24,440,429	63,082,587	129,871,619	66,789,032
Undistributed[13]		172	12,812	12,648,334	30,814,149	61,279,627	30,465,478
PLACES HAVING 10,000 OR MORE INHABITANTS							
Aliquippa[14]	27,023	15	9,170				
Allentown	96,904	224	16,212	14,860,130	48,354,127	81,483,415	33,129,288
Altoona	80,214	61	2,730	2,438,917	8,307,445	14,966,775	6,659,330
Ambridge	18,968	18	3,647	5,532,555	18,381,142	28,314,329	9,933,187
Arnold[14]	10,898	9	1,291				
Beaver Falls	17,098	31	1,716	2,038,578	5,080,814	10,316,021	5,235,207
Bellevue	10,488	6	17	19,627	38,380	95,773	57,393
Berwick	13,181	23	2,430	2,037,009	5,701,840	9,464,430	3,762,590
Bethlehem[14]	58,490	74	15,369				
Braddock	18,326	23	597	658,861	1,758,799	3,541,504	1,782,705
Bradford	17,691	40	1,019	1,380,029	5,877,001	11,545,608	5,668,607
Bristol	11,895	20	2,396	2,795,933	8,786,858	17,297,730	8,510,872
Butler	24,477	36	1,366	1,477,385	4,630,730	8,780,357	4,149,627
Canonsburg[14]	12,599	15	2,899				
Carbondale	19,371	17	657	565,411	1,049,123	2,380,706	1,331,583
Carlisle	13,984	32	2,596	2,074,745	5,647,531	11,674,039	6,026,508
Carnegie	12,663	19	669	1,065,681	2,959,117	6,374,121	3,415,004
Chambersburg	14,852	31	2,212	2,138,272	5,682,126	11,903,649	6,221,523
Charleroi[14]	10,784	8	1,136				
Chester	59,285	67	11,912	19,141,833	60,125,239	107,254,254	47,129,015
Clairton[14]	16,381	10	4,488				
Coatesville[14]	14,006	20	3,028				
Columbia	11,547	27	2,109	1,502,339	3,821,158	6,640,736	2,819,578
Connellsville	13,608	19	325	255,775	394,730	984,427	589,697
Conshohocken	10,776	19	1,687	2,105,504	7,667,479	12,536,730	4,869,251
Coraopolis	11,086	14	1,044	1,486,967	4,134,044	7,734,093	3,600,049
Darby	10,334	12	485	390,261	1,063,989	2,276,543	1,212,554
Dickson City	11,548	9	260	233,447	218,483	621,866	403,383
Donora[14]	13,180	13	3,360				
Dormont	12,974	8	25	25,291	127,972	244,818	116,846
Du Bois	12,080	19	492	446,077	808,252	2,098,364	1,290,112
Dunmore[14]	23,086	4	879				
Duquesne[14]	20,693	6	4,955				
Easton	33,589	67	3,512	3,449,523	7,056,445	15,351,325	8,294,880
Ellwood City[14]	12,329	15	3,264				
Erie[14]	116,955	236	13,355				
Farrell[14]	13,899	14	4,655				
Greensburg	16,743	33	1,650	1,855,659	2,185,832	6,816,615	4,630,783
Hanover	13,076	69	3,953	3,144,002	8,517,924	15,964,405	7,446,481
Harrisburg	83,893	142	6,225	6,664,724	17,675,702	33,886,193	16,210,491
Hazleton	38,009	49	4,070	3,264,091	8,498,236	15,373,714	6,875,478
Homestead	19,041	13	178	204,015	447,429	1,091,220	643,791
Indiana	10,050	23	331	305,831	883,522	1,753,088	869,566
Jeannette	16,220	20	3,618	4,258,417	7,097,957	17,916,087	10,818,130
Johnstown[14]	66,668	81	12,739				

See footnotes at end of table.

TABLE 2.—SUMMARY FOR INDUSTRIAL AREAS, COUNTIES, AND PLACES: 1939—Continued

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [3]	Value of products [3]	Value added by manufacture [4]
PLACES HAVING 2,000 OR MORE INHABITANTS—CON.							
Kingston	20,679	25	3,549	$2,627,888	$5,565,985	$11,759,964	$6,193,981
Lancaster	61,345	143	7,399	7,162,102	19,304,086	40,325,617	21,021,531
Lansdowne	10,837	6	210	197,072	740,251	1,370,745	630,494
Latrobe	11,111	19	1,711	2,247,677	4,512,161	11,124,653	6,612,492
Lebanon	27,206	72	7,101	7,035,550	15,601,156	28,063,013	12,461,857
Lewistown [5]	13,017	13	189				
Lock Haven	10,810	18	1,623	1,456,337	7,190,742	10,797,881	3,601,139
Mahanoy City	13,442	6	588	438,014	292,781	1,193,521	900,740
McKeesport [6]	55,355	40	7,325				
McKees Rocks	17,021	30	3,262	3,475,396	7,493,567	14,745,084	7,251,517
Meadville	18,919	21	2,692	3,708,629	5,441,340	12,050,366	6,609,026
Monessen	20,257	15	4,355	6,250,507	19,199,512	31,339,499	12,139,987
Mount Carmel	17,780	9	407	239,382	466,066	1,069,017	602,951
Munhall [6]	13,900	7	8,312				
Nanticoke	24,387	12	1,514	978,807	2,492,490	4,645,968	2,153,478
New Castle	47,638	50	4,955	5,435,222	12,705,842	22,137,572	9,431,730
New Kensington [6]	24,055	24	4,716				
Norristown	58,181	60	3,385	3,438,708	6,942,480	15,806,048	8,863,568
North Braddock [6]	15,679	5	3,773				
Oil City	20,379	24	1,126	1,243,453	2,826,887	5,481,632	2,654,745
Old Forge	11,892	7	499	348,993	582,325	1,187,883	605,558
Philadelphia (coextensive with Philadelphia County)	1,931,334	4,511	196,356	231,691,380	766,035,636	1,418,256,304	652,220,668
Phoenixville	12,282	20	2,006	2,383,632	6,726,946	11,059,994	4,333,048
Pittsburgh	671,659	1,063	43,631	59,063,446	184,173,641	357,616,446	173,442,805
Pittston	17,828	12	215	198,921	1,082,688	1,629,954	547,266
Plymouth	15,507	11	273	161,033	249,972	598,020	348,048
Pottstown	20,194	55	5,291	6,536,612	14,236,164	24,131,549	9,895,385
Pottsville	24,530	31	1,868	1,384,334	4,039,164	7,317,719	3,278,555
Reading	110,568	240	15,996	16,373,865	32,841,343	70,876,733	38,035,390
Scranton	140,404	194	9,023	8,254,545	21,917,378	41,783,103	19,865,725
Shamokin	18,810	30	1,782	1,549,735	2,442,557	5,430,381	2,987,824
Sharon	25,622	23	3,711	5,788,026	12,426,813	25,215,930	12,789,117
Shenandoah	19,790	20	590	338,781	655,607	1,470,079	814,472
Steelton [6]	13,115	14	3,692				
Sunbury	15,462	20	1,628	1,234,794	2,710,289	5,705,571	2,995,282
Swissvale [6]	15,919	15	1,251				
Tamaqua	12,486	8	253	196,309	426,652	863,004	436,352
Uniontown	21,819	34	856	762,588	2,015,940	3,931,422	1,915,482
Vandergrift [6]	10,725	8	3,059				
Warren	14,891	33	1,488	1,842,763	9,255,144	14,535,406	5,280,262
Washington	26,166	42	2,335	2,981,533	7,985,002	15,641,210	7,656,208
Waynesboro	10,231	21	2,738	2,904,441	4,089,068	11,706,818	7,617,750
West Chester	13,289	25	906	821,074	1,618,087	3,583,491	1,965,404
Wilkes-Barre	86,236	114	6,011	6,560,084	17,502,024	36,851,779	19,349,755
Wilkinsburg	29,853	19	195	242,531	417,036	1,095,435	678,399
Williamsport	44,355	88	6,796	6,861,356	16,139,816	32,437,859	16,298,043
York	56,712	170	11,516	11,535,975	28,482,677	64,682,860	36,200,183

[1] Not including salaried officers and employees or nonmanufacturing wage earners. The figure for each county or place is an average of the numbers reported for the several months of the year. In calculating it, equal weight must be given to full-time and to part-time wage earners (not reported separately by the manufacturers), and for this reason it exceeds the number that would have been required to perform the work done in the industries if all wage earners had been continuously employed throughout the year. The quotient obtained by dividing the amount of wages by the average number of wage earners cannot, therefore, be accepted as representing the average wage received by full-time wage earners. Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several counties do not add exactly to the average for the State. In making comparisons between the figures for 1939 and those for earlier years, the possibility that the proportion of part-time employment varied from year to year should be taken into account.

[2] Profits and losses cannot be calculated from the census figures because no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, and advertising.

[3] See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

[5] For numbers of establishments in the State by "Industry groups," see table 11.

[6] The Philadelphia Industrial Area comprises Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania; and Burlington, Camden, and Gloucester Counties, New Jersey. For statistics by industries, see table 9.

[7] The Pittsburgh Industrial Area comprises Allegheny, Beaver, Washington, and Westmoreland Counties. For statistics by industries, see table 9.

[8] The Youngstown Industrial Area comprises Lawrence and Mercer Counties, Pennsylvania; and Mahoning and Trumbull Counties, Ohio. For statistics by industries, see table 9.

[9] The Allentown-Bethlehem Industrial Area comprises Lehigh and Northampton Counties. For statistics by industries, see table 9.

[10] The Reading Industrial Area is coextensive with Berks County. For statistics by industries, see table 9.

[11] The Scranton-Wilkes-Barre Industrial Area comprises Lackawanna and Luzerne Counties. For statistics by industries, see table 9.

[12] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Undistributed" figures.

[13] The "Undistributed" figure for number of establishments and a part of the "Undistributed" figure for number of wage earners are included above in the items for the respective counties. The sums of the figures in these two columns are, therefore, larger than the corresponding State totals.

[14] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments, and for the same reason no table giving statistics by industries for the city of Erie is included in this report.

TABLE 3.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, BY SEX: 1939 AND 1929

[The 1939 questionnaire, for the first time, called for data on the *total* number of employees in manufacturing establishments, including those engaged wholly or chiefly in distribution, construction, and other nonmanufacturing activities. It is not known to what extent data for such employees were included in the figures reported for earlier years. This table presents detailed figures for employees receiving pay at any time within the *normal* pay-roll period ended nearest Oct. 14, 1939, and for such employees on the pay roll on Dec. 14, 1929, or on the nearest *representative* date. The total for "Wage earners engaged in manufacturing" is not identical with the average for the year (given in other tables), and differs from the number reported for October 1939 or for December 1929, because for both years some manufacturers gave wage-earner figures for months other than those specified. See GENERAL EXPLANATIONS—Persons engaged—general classification]

CLASS AND SEX	1939 Oct. 14 (1)	1929 Dec. 14 (1)
All classes, aggregate [2]	1,091,540	1,090,052
Male	811,202	826,084
Female	280,338	263,968
Salaried officers and employees, total	163,340	134,281
Male	126,990	99,147
Female	36,350	35,134
Salaried officers of corporations, total	11,004	12,777
Male	10,268	12,161
Female	736	616
All other employees (except wage earners in manufacturing), total	152,336	121,504
Male	116,722	86,986
Female	35,614	34,518
Salaried officers and employees—Continued.		
All other employees, etc.—Continued.		
Engaged in manufacturing:		
Male	70,730	
Female	24,243	
Engaged in distribution:		
Male	35,590	
Female	10,889	(3)
Engaged in construction:		
Male	7,906	
Engaged in other work:		
Male	2,496	
Female	482	
Wage earners engaged in manufacturing, total	928,200	955,771
Male	684,212	726,937
Female	243,988	228,834

[1] See headnote.
[2] Figures do not include data for 9,890 proprietors and firm members for 1939, which were not reported by sex, and 11,359 for 1929.
[3] No data.

TABLE 4.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS: 1939, 1937, AND 1929

[The figures for 1939 relate to wage earners engaged in manufacturing only. It is not known to what extent the figures for earlier years include data for nonmanufacturing wage earners. See headnote to table 3]

CENSUS YEAR	Average number employed during year [1]	NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH											
		January	February	March	April	May	June	July	August	September	October	November	December
1939	858,296	799,922	819,849	827,566	826,312	819,705	827,514	834,657	854,827	879,905	926,410	944,693	938,189
1937	954,340	937,892	957,155	972,900	983,581	978,045	982,231	974,494	976,445	977,614	957,197	904,832	849,700
1929	954,651	916,655	931,264	944,342	952,163	961,793	965,240	970,242	975,297	974,376	978,422	954,750	931,265

[1] See GENERAL EXPLANATIONS—Wage earners and wages.

TABLE 5.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY NUMBER OF WAGE EARNERS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR)[1]		VALUE OF PRODUCTS	VALUE ADDED BY MANUFACTURE[2]
	1939	1929	1939	1929	1939	1939
All establishments	13,801	16,571	858,296	954,651	$5,475,925,482	$2,489,128,930
No wage earners	412	578			15,762,882	6,297,728
1 to 5	4,914	6,425	13,456	17,798	115,777,640	54,303,330
6 to 20	3,563	4,010	39,489	45,213	269,386,769	128,987,317
21 to 50	1,901	2,253	62,090	74,177	358,713,320	177,454,677
51 to 100	1,224	1,421	88,254	101,700	478,150,821	226,206,211
101 to 250	1,128	1,154	175,951	181,504	1,011,595,106	471,406,881
251 to 500	409	431	142,758	148,149	902,344,712	394,436,298
501 to 1,000	156	185	105,916	126,757	712,216,258	312,030,845
1,001 to 2,500	69	84	113,732	121,222	877,891,080	387,950,614
2,501 or more	25	30	116,650	138,131	734,086,894	330,055,029

[1] See headnotes to tables 3 and 4.

[2] See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 6.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY VALUE OF PRODUCTS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR)[1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE[2]	
	1939	1929	1939	1929	1939	1929	1939	1929
All establishments	13,801	16,571	858,296	954,651	$5,475,925,482	$7,169,102,171	$2,489,128,930	$3,294,578,688
$5,000 to $19,999	4,114	5,017	13,203	13,988	46,669,097	56,613,768	26,843,822	33,982,693
$20,000 to $49,999	2,945	3,446	27,303	27,677	94,996,488	111,479,496	53,954,580	65,974,288
$50,000 to $99,999	1,905	2,274	36,998	38,420	136,306,992	162,618,263	77,212,804	95,457,784
$100,000 to $249,999	1,956	2,330	80,148	80,052	314,397,897	371,914,798	166,186,885	208,025,971
$250,000 to $499,999	1,124	1,324	89,136	90,238	399,714,534	467,026,134	200,624,625	247,845,707
$500,000 to $999,999	793	943	107,542	108,861	558,359,321	659,836,257	270,271,135	329,067,806
$1,000,000 to $2,499,999	590	737	148,985	162,701	898,723,362	1,147,681,765	421,910,681	542,591,112
$2,500,000 to $4,999,999	216	279	102,153	118,393	742,090,138	957,917,514	343,981,026	445,808,044
$5,000,000 and over	158	221	252,828	314,321	2,284,667,653	3,234,014,176	928,143,472	1,325,825,283

[1] See headnotes to tables 3 and 4.

[2] See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 7.—ESTABLISHMENTS CLASSIFIED AS UNDER CORPORATE OR OTHER FORM OF OWNERSHIP (OR CONTROL) AND AS UNDER CENTRAL-ADMINISTRATIVE-OFFICE OR INDEPENDENT OPERATION: 1939 AND 1929

TYPE OF OWNERSHIP OR CONTROL, AND OF OPERATION	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
Total	13,801	16,571	858,296	954,651	$5,475,925,482	$7,169,102,171	$2,489,128,930	$3,294,578,688
TYPE OF OPERATION								
1939 [3]								
Corporate ownership or control:								
Central-administrative-office (plural-unit)	2,373	(3)	502,352	(3)	3,628,946,246	(3)	1,564,944,980	(3)
Independent (single-unit)	4,485	(3)	257,018	(3)	1,435,790,146	(3)	726,241,967	(3)
Noncorporate ownership:								
Central-administrative-office (plural-unit)	415	(3)	13,349	(3)	47,300,705	(3)	21,779,285	(3)
Independent (single-unit)	6,528	(3)	85,577	(3)	363,888,385	(3)	176,162,698	(3)
1939 AND 1929 [3]								
Central-administrative-office (plural-unit), corporate and noncorporate	2,788	2,301	515,701	490,084	3,676,246,951	4,109,575,553	1,586,724,265	1,737,338,854
Independent (single-unit), corporate and noncorporate	11,013	14,270	342,595	464,567	1,799,678,531	3,059,526,618	902,404,665	1,557,239,834
TYPE OF OWNERSHIP OR CONTROL								
Corporate	6,858	7,614	759,370	850,936	5,064,736,392	6,603,413,134	2,291,186,947	3,014,605,524
Noncorporate, total	6,943	8,957	98,926	103,715	411,189,090	565,689,037	197,941,983	279,973,164
Individual	4,619	(4)	48,937	(4)	192,369,751	(4)	95,616,940	(4)
Partnership	2,257	(4)	49,036	(4)	215,136,101	(4)	100,348,744	(4)
Cooperative	21	(4)	350	(4)	1,647,354	(4)	747,207	(4)
Other	46	(4)	603	(4)	2,035,884	(4)	1,229,092	(4)

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Because of changes in the questionnaire, no comparable figures for 1929 can be given for the first section of this table. For this reason, the items have been regrouped under "1939 and 1929" to present comparable figures so far as this can be done.
[4] No data.

TABLE 8.—GENERAL STATISTICS FOR

The table presents statistics for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establish
are given, however, reported larger numbers of wage earners or

	Group	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED BY MANUFACTURING ESTABLISHMENTS: Total	Manufacturing: Salaried officers of corporations [2]	Salaried employees [2]	Wage earners (average for year) [3]	Distribution	Construction	Other
1		All industries, total	13,801	9,890	1,021,636	11,004	94,973	858,296	46,479	7,906	2,978
2	15	Abrasive wheels, stones, paper, cloth, and related products	15	1	791	28	116	529	94	4	20
3	17	Agricultural machinery (except tractors)	12	7	726	21	86	558	54	7	
4	15	Aircraft and parts, including aircraft engines	10	3	1,733	24	336	1,265	96	12	
5	1	Alloying, and rolling and drawing of nonferrous metals, except aluminum	25	4	2,260	46	229	1,815	139	15	16
6	15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	12	6	4,466	8	751	3,193	7	507	
7	9	Ammunition	3		48	3	18	24	3		
8	20	Artists' materials	3	1	153	3	48	96	6		
9	13	Asbestos products (except steam packing and pipe and boiler covering)	9	1	1,994	13	141	1,665	175		
10	14	Automobile stampings	3		781	8	100	643	26	4	
11	16	Automotive electrical equipment	6	3	2,730	4	823	1,830	26		47
12	6	Baskets for fruits and vegetables	5	6	54	2	3	47	2		
13	16	Batteries, storage and primary (dry and wet)	17	13	3,401	18	501	2,647	215	8	12
14	3	Batting, padding, and wadding; upholstery filling	5	2	350	8	22	271	48		1
15	20	Beauty-shop and barber-shop equipment	3	2	111	1	12	62	36		
16	10	Beehive coke	20	1	408	1	40	364	3		
17	4	Belts (apparel), regardless of material	6	10	208		15	190	3		
18	1	Biscuit, crackers, and pretzels	88	76	4,062	54	283	3,324	321	26	54
19	14	Blast-furnace products	23		6,238	6	459	5,665	4	102	2
20	17	Blowers; exhaust and ventilating fans	5	3	226	4	23	191	8		
21	9	Bluing	3	2	26	3	6	9	3		5
22	19	Boat building and boat repairing	5	5	29	1	4	23	1		
23	14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	16	5	2,739	27	284	2,312	116		
24	9	Bone black, carbon black, and lampblack	3		76	3	5	63	1	4	
25	8	Book binding and related industries	85	68	1,753	62	133	1,456	102		
26	8	Books: printing without publishing	60	38	1,641	75	188	1,311	67		
27	8	Books: publishing and printing	16	7	1,734	29	338	1,118	249		
28	8	Books: publishing without printing	20	9	249	15	138	14	82		
29	12	Boot and shoe cut stock and findings	17	16	1,501	9	88	1,378	26		
30	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	1,515	1,669	26,287	201	1,484	21,757	2,284	141	420
31	13	Brick and hollow structural tile	72	28	2,769	56	182	2,427	52	42	10
32	20	Brooms	25	28	319	8	16	278	17		
33	20	Brushes	18	12	269	18	41	186	24		
34	20	Buttons	10	6	254	4	13	234	3		
35	1	Candy and other confectionery products	125	100	7,316	120	359	6,016	739	36	46
36	1	Cane-sugar refining	3		2,466	14	236	2,016	63	5	132
37	1	Canned and dried fruits and vegetables (including canned soups)	64	48	4,128	32	343	3,691	46	16	
38	4	Canvas products (except bags)	21	19	369	16	36	272	45		
39	20	Carbon paper and inked ribbons	3	1	81	3	6	57	15		
40	16	Carbon products for the electrical industry, and manufactures of carbon or artificial graphite	7	1	1,096	18	178	884	12	4	
41	3	Carpets and rugs, wool	16	4	5,432	41	448	4,770	156	16	
42	3	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	22	19	893	14	55	803	20	1	
43	3	Carpet yarn, woolen and worsted	15	5	2,941	28	177	2,678	57	1	
44	19	Cars and car equipment: railroad, street, and rapid-transit	14		5,867	13	1,035	4,718	37	64	
45	17	Cars and trucks, industrial	5	2	766	3	141	560	62		
46	6	Caskets, coffins, burial cases, and other morticians' goods	41	20	1,928	41	155	1,553	177	1	1
47	14	Cast-iron pipe and fittings	10		1,449	22	76	1,334	17		
48	13	Cement	27		5,986	23	524	5,158	143	121	17
49	1	Cereal preparations	3		224	4	12	207	1		
50	1	Cheese	29	29	175	1	15	144	15		
51	9	Chemicals not elsewhere classified	46	5	4,885	38	783	3,633	159	253	19
52	1	Chewing gum	3		491	9	29	242	204	7	
53	4	Children's and infants' wear not elsewhere classified—made in contract factories	4	7	201		5	196			
54	4	Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors	7	6	509	3	13	473	20		
55	4	Children's coats—made in inside factories or by jobbers engaging contractors	3	2	93	2	4	73	14		
56	4	Children's dresses—made in contract factories	25	32	1,419	5	38	1,376			
57	4	Children's dresses—made in inside factories or by jobbers engaging contractors	32	15	5,514	25	267	5,023	196	2	1
58	20	Children's vehicles	3	2	28	1	4	23			
59	1	Chocolate and cocoa products	7		4,407	20	282	3,226	704	175	
60	6	Cigar boxes: wooden, part wooden	19	16	1,029	11	40	967	9	2	
61	2	Cigars	124	106	16,649	55	784	15,612	164	10	24
62	13	Clay products (except pottery) not elsewhere classified	5	3	113	3	10	97	3		
63	13	Clay refractories, including refractory cement (clay)	48	4	4,048	34	270	3,691	49	2	2
64	9	Cleaning and polishing preparations, blackings, and dressings	27	14	333	34	43	175	81		
65	15	Clocks, watches, and materials and parts (except watchcases)	3		1,686	8	160	1,318	135		65
66	4	Clothing, leather and sheep-lined	4	3	253	3	18	232	2		

See footnotes at end of table.

THE STATE, BY INDUSTRIES: 1939

ments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures larger values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
		Manufacturing												
Total [2]	Salaries of officers of corporations [2]	Salaries [2]	Wages	Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
1,364,077,167	64,886,531	188,334,659	1,003,349,392	90,581,345	12,582,795	4,342,445	2,986,796,552	2,757,317,451	142,216,393	49,027,753	38,234,955	5,475,925,482	2,489,128,930	1
1,475,562	158,307	246,855	756,681	281,051	7,060	25,608	1,387,525	1,281,472	74,671	30,682	700	4,178,614	2,791,089	2
874,936	83,279	127,392	535,866	122,450	5,949	------	1,131,164	1,089,583	21,883	19,698	------	2,695,090	1,563,926	3
2,401,768	123,072	614,859	1,567,948	77,693	18,196	------	1,939,748	1,848,018	27,414	37,842	26,474	5,093,345	3,153,597	4
3,204,863	308,711	398,489	2,260,783	203,128	10,000	23,752	12,564,444	12,200,436	190,509	159,153	14,346	17,518,071	4,953,627	5
(5)	(5)	(5)	(5)	(5)	------	(5)	(5)	(5)	(5)	(5)	------	(5)	(5)	6
(5)	(5)	(5)	(5)	(5)	(5)	------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	7
(5)	(5)	(5)	(5)	(5)	------	------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	8
2,653,718	96,723	254,719	1,810,087	492,189	------	------	3,597,191	3,449,947	69,843	77,401	------	8,207,173	4,609,982	9
(5)	(5)	(5)	(5)	(5)	(5)	------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	10
(5)	(5)	(5)	(5)	(5)	------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	11
51,471	10,500	7,996	30,011	2,964	------	------	82,498	81,039	461	998	------	159,467	76,969	12
5,248,390	193,400	990,770	3,482,739	535,797	25,603	20,081	10,778,618	10,308,761	182,096	213,885	73,876	20,617,110	9,838,492	13
470,896	91,830	38,122	265,887	73,588	------	1,469	1,246,309	1,190,898	33,757	21,654	------	2,090,787	844,478	14
(5)	(5)	(5)	(5)	(5)	------	------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	15
501,505	500	38,745	457,910	4,350	------	------	2,532,047	2,496,807	12,790	16,289	6,161	3,368,598	836,551	16
159,357	------	26,740	128,417	4,200	------	------	411,501	402,650	296	2,180	6,375	737,364	325,863	17
4,523,993	259,509	475,928	3,140,150	518,123	52,266	78,017	7,584,385	7,242,682	266,190	75,513	------	18,835,927	11,251,542	18
9,317,779	33,181	1,301,880	7,863,588	12,372	105,750	1,008	145,692,631	108,136,864	37,374,205	181,562	------	174,339,654	28,647,023	19
259,455	29,098	41,824	174,634	13,899	------	------	213,363	190,244	7,048	7,216	8,855	648,312	434,949	20
26,373	4,142	8,408	7,168	2,021	------	4,634	21,663	20,241	338	1,084	------	98,968	77,305	21
34,679	1,975	6,793	22,811	3,100	------	------	78,900	76,808	1,082	1,010	------	127,644	48,744	22
3,902,844	160,832	529,404	2,951,439	261,169	------	------	6,992,675	6,655,867	212,118	114,873	9,817	14,057,499	7,064,824	23
(5)	(5)	(5)	(5)	(5)	(5)	------	(5)	(5)	(5)	(5)	------	(5)	(5)	24
2,007,543	267,965	198,046	1,344,536	196,996	------	------	1,426,019	1,320,691	14,716	35,727	54,885	4,389,751	2,963,732	25
2,718,216	390,306	291,471	1,849,194	187,245	------	------	1,474,372	1,309,653	24,286	53,360	87,073	5,345,658	3,871,286	26
2,845,479	254,681	544,495	1,522,487	523,816	------	------	2,439,539	1,831,685	15,232	34,987	557,635	7,863,593	5,424,054	27
448,528	72,933	177,814	23,025	174,756	------	------	564,207	140,520	637	1,217	421,833	1,393,315	829,108	28
1,569,527	18,894	153,959	1,348,666	48,008	------	------	12,539,308	12,487,858	14,925	36,465	60	15,984,817	3,445,509	29
34,791,512	957,695	2,649,806	27,569,944	2,746,924	228,083	639,060	56,794,045	54,220,217	1,537,236	1,036,592	------	123,139,514	66,345,469	30
3,265,520	181,933	325,460	2,638,704	68,909	38,143	12,371	2,020,475	640,180	1,098,393	281,902	------	7,048,830	5,028,355	31
276,176	25,840	18,732	205,789	25,815	------	------	496,477	483,839	4,423	8,215	------	985,024	488,547	32
362,204	58,097	61,394	177,759	64,954	------	------	687,054	674,016	5,511	6,508	1,019	1,238,301	551,247	33
204,956	7,730	26,635	154,459	16,132	------	------	199,523	186,108	3,682	9,733	------	618,259	418,736	34
7,717,638	709,614	639,082	5,078,227	1,140,968	87,251	62,496	18,571,330	18,161,962	207,666	189,025	12,677	33,857,849	15,286,519	35
3,419,889	131,300	524,976	2,554,246	104,665	17,996	86,706	49,990,896	49,186,751	803,689	456	------	59,941,226	9,950,330	36
3,862,228	142,393	592,787	3,025,002	76,142	21,977	3,927	13,846,642	13,586,039	174,555	81,019	5,029	32,836,381	18,989,739	37
456,697	66,787	62,224	243,594	84,092	------	------	938,823	927,601	2,498	5,571	3,153	1,630,644	691,821	38
(5)	(5)	(5)	(5)	(5)	------	------	(5)	(5)	(5)	(5)	------	(5)	(5)	39
1,808,588	190,631	367,058	1,223,206	25,657	2,036	------	1,092,382	844,894	158,654	88,834	------	3,828,373	2,735,991	40
7,483,080	406,098	798,404	5,825,001	426,717	26,147	713	14,509,419	13,928,336	277,291	107,460	196,332	27,827,277	13,317,858	41
732,425	55,934	84,920	560,912	29,177	1,482	------	1,370,950	1,305,243	24,703	21,727	19,277	2,686,154	1,315,204	42
(5)	(5)	(5)	(5)	(5)	(5)	------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	43
9,080,788	101,686	2,279,447	6,416,217	200,423	83,015	------	27,811,248	27,242,562	389,769	178,917	------	40,577,213	12,765,965	44
(5)	(5)	(5)	(5)	(5)	------	------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	45
2,615,284	228,958	266,260	1,763,701	352,695	1,745	1,925	3,566,001	3,440,176	56,359	40,699	28,767	8,220,412	4,654,411	46
1,710,900	71,568	129,128	1,473,481	36,723	------	------	1,720,492	1,516,526	162,546	41,420	------	4,055,288	2,334,796	47
9,201,513	188,175	1,281,035	7,217,164	280,842	209,381	24,916	14,197,209	6,915,631	4,853,097	2,412,545	15,936	37,442,297	23,245,088	48
(5)	(5)	(5)	(5)	(5)	------	------	(5)	(5)	(5)	(5)	------	(5)	(5)	49
177,634	2,200	22,064	140,669	12,701	------	------	1,771,986	1,713,602	32,315	26,051	18	2,402,286	630,300	50
8,287,297	282,554	1,852,432	5,595,271	319,154	221,038	16,848	33,713,336	31,744,415	1,324,312	644,299	310	61,000,429	27,287,093	51
675,683	76,459	62,319	232,273	286,223	18,409	------	1,472,074	1,435,740	17,270	19,064	------	3,376,463	1,904,389	52
(5)	------	(5)	(5)	------	------	------	(5)	(5)	(5)	(5)	------	(5)	(5)	53
417,851	4,620	9,883	375,117	28,231	------	------	597,117	545,275	1,518	4,336	45,988	1,188,994	591,877	54
(5)	(5)	(5)	(5)	(5)	------	------	(5)	(5)	(5)	(5)	------	(5)	(5)	55
819,375	13,030	37,827	768,518	------	------	------	88,365	71,426	4,756	12,183	------	1,177,994	1,089,629	56
4,449,448	271,625	390,999	3,558,905	225,615	1,783	521	5,983,447	5,378,857	11,996	45,493	547,101	15,778,905	9,795,458	57
22,157	1,530	4,243	16,384	------	------	------	54,920	53,299	488	1,133	------	101,761	46,841	58
(5)	(5)	(5)	(5)	(5)	(5)	------	(5)	(5)	(5)	(5)	------	(5)	(5)	59
792,226	38,884	67,830	671,589	11,928	1,995	------	945,207	906,637	13,812	24,758	------	2,140,456	1,195,249	60
12,440,920	352,258	1,279,173	10,345,619	425,182	16,038	22,650	27,882,690	27,557,090	91,468	175,510	58,622	56,901,744	29,019,054	61
133,791	10,520	13,230	92,792	17,249	------	------	91,359	48,326	25,604	17,429	------	299,840	208,481	62
4,941,289	176,972	526,066	4,096,843	133,744	5,864	1,800	3,826,677	2,588,646	1,011,431	220,159	6,441	12,340,613	8,513,936	63
515,340	163,726	59,211	143,297	149,106	------	------	1,070,840	1,059,688	6,541	4,611	------	2,216,860	1,146,020	64
(5)	(5)	(5)	(5)	(5)	------	(5)	(5)	(5)	(5)	(5)	------	(5)	(5)	65
(5)	(5)	(5)	(5)	(5)	------	------	(5)	(5)	(5)	(5)	------	(5)	(5)	66

TABLE 8.—GENERAL STATISTICS FOR

	Code	Industry	*Number of establishments	*Proprietors and firm members	*Persons employed in manufacturing establishments: Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year)	Distribution	Construction	Other
1	[illegible]	Cloth sponging and miscellaneous special finishing	10	4	249	6	27	200	16		
2	[illegible]	Coal tar products, crude and intermediate	1		592	2	98	391	6	95	
3	[illegible]	Coated and glazed paper	10	5	402	10	48	314	23	4	3
4	4	Coats, suits, and skirts (except fur coats)—made in contract factories	7	6	373	6	10	354	2		1
5	4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	32	58	1,132	13	63	1,007	42		7
6	14	Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills	11	3	1,951	23	206	1,663	41	3	15
7	9	Colors and pigments	10	3	565	10	69	461	11	14	
8	17	Commercial laundry, dry-cleaning, and pressing machinery	3	3	34	3	5	26			
9	16	Communication equipment	16	3	2,940	37	624	1,981	234	64	
10	9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	38		795	6	78	553	145	13	
11	13	Concrete products	217	173	1,904	74	169	1,450	201	9	1
12	1	Condensed and evaporated milk	32	5	620	7	76	382	97	6	52
13	17	Construction and similar machinery (except mining and oil-field machinery and tools)	16	3	1,056	23	182	826	22		3
14	7	Converted paper products not elsewhere classified	27	5	2,910	56	365	2,344	137	8	
15	6	Cooperage	31	5	411	15	29	358	9		
16	3	Cordage and twine	8	1	1,470	19	83	1,301	60		7
17	6	Cork products	4		1,611	4	156	1,338	86	27	
18	4	Corsets and allied garments	8	7	646	6	70	419	149	2	
19	3	Cotton broad woven goods	42	14	3,170	46	172	2,900	45	7	
20	3	Cotton narrow fabrics	22	10	2,158	35	181	2,186	56		
21	3	Cotton yarn	8	11	289	2	25	254	8		
22	1	Creamery butter	52	44	204	1	34	138	31		
23	1	Cured fish	5	5	79	1	6	62	10		
24	4	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	13	13	846	7	37	768	34		
25	14	Cutlery (except aluminum, silver, and plated cutlery and edge tools)	15	9	706	19	41	598	48		
26	20	Dental equipment and supplies	24	10	2,243	27	206	1,905	103	2	
27	7	Die-cut paper and paperboard, and converted cardboard	11	8	370	24	40	271	33	2	
28	14	Doors, window sash, frames, molding, and trim (made of metal)	4	2	426	9	44	348	25		
29	9	Drugs and medicines (including drug grinding)	85	25	3,558	117	608	2,105	710	12	6
30	3	Dyeing and finishing cotton, rayon, silk, and linen textiles	49	16	4,949	79	430	4,303	113		24
31	3	Dyeing and finishing woolen and worsted	18	8	1,254	36	131	1,055	27	5	
32	16	Electrical appliances	6	1	370	11	35	318	6		
33	16	Electrical measuring instruments	4	3	53	4	8	37	4		
34	16	Electrical products not elsewhere classified	13		390	22	58	294	15	1	
35	16	Electric lamps	3		181	3	30	144	4		
36	15	Electroplating, plating, and polishing	33	30	586	15	60	469	23	12	7
37	8	Electrotyping and stereotyping, not done in printing establishments	14	4	489	19	55	400	15		
38	17	Elevators, escalators, and conveyors	21	6	1,875	34	206	1,098	398	83	56
39	4	Embroideries, other than Schiffli-machine products—contract factories	12	15	165		4	160	1		
40	4	Embroideries, other than Schiffli-machine products—made in regular factories or by jobbers engaging contractors	4	3	55		1	52	2		
41	4	Embroideries—Schiffli-machine products	11	11	217	7	11	194	5		
42	14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	32	8	4,187	49	357	3,614	161	6	
43	14	Enameling, japanning, and lacquering	4	4	49	3	1	45			
44	8	Engraving (steel, copperplate, and wood); plate printing	32	19	1,190	33	135	940	82		
45	7	Envelopes	14	6	669	22	67	506	71		
46	9	Explosives	17		1,562	6	164	1,349	16	27	
47	20	Fabricated plastic products, not elsewhere classified	14	6	2,600	22	248	2,215	89	26	
48	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	122	59	9,316	137	903	8,005	266	3	2
49	20	Feathers, plumes, and artificial flowers	11	8	388	6	28	337	17		
50	3	Felt goods, wool, hair, and jute (except wool felts and hat bodies and hats	5	1	232	6	18	195	13		
51	9	Fertilizers	28	8	682	24	62	517	71	7	1
52	7	Fiber cans, tubes, and similar products	12	6	288	11	16	249	12		
53	14	Files	4		761	4	51	680	16	10	
54	3	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	10	8	401	12	24	349	16		
55	9	Fireworks	10	4	188	8	11	165	4		
56	13	Flat glass	12		6,394	8	554	5,736	13	83	
57	1	Flavoring extracts and flavoring sirups, not elsewhere classified	22	8	281	24	40	120	97		
58	13	Floor and wall tile (except quarry tile)	5	3	720	9	68	618	23	2	
59	1	Flour and other grain-mill products	219	280	923	39	78	730	71		5
60	1	Food preparations, not elsewhere classified	68	63	1,101	42	94	786	152	9	18
61	17	Food-products machinery	29	10	856	40	126	613	77		
62	12	Footwear (except rubber)	91	31	16,113	143	998	14,746	222	4	
63	14	Forgings, iron and steel—made in plants not operated in connection with rolling mills	33	9	2,292	43	214	1,963	69	3	
64	4	Fur coats and other fur garments, accessories, and trimmings	31	32	181	10	9	128	34		
65	20	Furs, dressed and dyed	7	7	521	10	22	472	14	3	

See footnotes at end of table.

THE STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	
360,613	27,504	51,991	261,328	19,790	-	-	236,261	219,229	12,889	4,143	-	872,044	635,783	1
(5)	(5)	(5)	(5)	(5)	(5)	-	(5)	(5)	(5)	(5)	(5)	(5)	(5)	2
603,518	60,164	89,923	367,590	76,777	7,407	1,657	1,933,647	1,884,663	16,079	32,905	-	3,240,629	1,306,982	3
325,430	14,582	10,071	298,057	1,940	-	780	19,418	14,041	940	3,285	1,152	426,477	407,059	4
1,601,620	77,997	108,687	1,344,148	64,865	-	5,923	4,271,903	4,166,628	4,286	14,933	86,056	7,496,654	3,224,751	5
3,071,410	189,230	436,813	2,308,209	105,515	6,040	25,603	9,911,611	9,605,798	135,226	160,387	10,200	15,325,123	5,413,512	6
911,234	58,634	185,522	618,634	28,444	20,000	-	2,704,834	2,526,398	107,948	70,488	-	4,729,594	2,024,760	7
43,252	5,467	4,925	32,860	-	-	-	51,341	48,487	1,043	1,811	-	130,822	79,481	8
4,503,870	292,727	1,230,856	2,299,230	596,599	84,458	-	2,215,275	2,089,400	52,088	71,581	2,206	8,531,988	6,316,713	9
1,409,815	35,692	168,797	872,810	329,366	3,150	-	1,714,239	1,183,251	19,289	511,699	-	7,924,082	6,209,843	10
2,430,196	238,243	244,819	1,628,401	301,670	16,796	267	6,780,979	6,276,012	105,059	115,907	284,001	13,013,261	6,232,282	11
827,046	31,934	113,194	403,453	178,962	11,682	87,821	5,208,415	4,903,359	196,854	86,184	22,018	7,030,762	1,822,347	12
1,573,798	91,704	289,121	1,155,535	36,656	-	782	2,215,459	2,122,327	57,674	32,395	3,063	7,166,219	4,950,760	13
3,489,884	452,901	531,853	2,146,536	344,504	14,090	-	6,703,048	6,570,979	39,114	92,348	607	13,226,815	6,523,767	14
504,878	57,718	57,340	376,935	12,885	-	-	1,609,647	1,584,813	13,555	11,279	-	2,561,805	952,158	15
1,345,912	143,048	106,342	996,063	92,876	-	7,583	2,242,837	2,137,211	42,990	62,636	-	5,242,640	2,999,803	16
(5)	(5)	(5)	(5)	(5)	(5)	-	(5)	(5)	(5)	(5)	(5)	(5)	(5)	17
683,512	99,166	106,334	259,860	215,838	2,314	-	572,312	561,676	3,456	7,180	-	1,945,350	1,373,038	18
3,773,438	356,954	338,798	2,935,237	129,709	12,740	-	7,370,140	7,062,370	135,940	139,130	32,700	13,719,870	6,349,730	19
2,734,175	309,443	275,323	2,004,990	144,419	-	-	3,858,482	3,721,872	65,016	71,594	-	8,337,016	4,478,534	20
296,685	7,220	48,137	213,331	27,997	-	-	1,230,031	1,210,324	1,868	17,839	-	1,723,664	493,633	21
255,257	15,000	59,052	149,055	32,150	-	-	2,741,684	2,677,626	30,383	33,675	-	3,615,553	873,869	22
96,053	10,500	9,515	51,803	24,235	-	-	641,440	629,087	5,120	7,233	-	820,127	178,687	23
723,504	24,508	53,480	587,386	58,130	-	-	3,072,883	3,047,980	50	17,661	7,192	4,305,467	1,232,584	24
952,941	72,923	71,159	680,315	128,544	-	-	743,353	672,240	30,605	40,508	-	2,107,086	1,363,733	25
3,090,350	238,825	593,529	2,059,857	193,940	4,199	-	2,053,826	1,985,859	32,039	35,928	-	9,447,931	7,394,105	26
535,284	101,512	60,839	295,047	74,915	2,971	-	845,707	819,185	23,000	3,522	-	1,794,373	948,666	27
(5)	(5)	(5)	(5)	(5)	-	-	(5)	(5)	(5)	(5)	-	(5)	(5)	28
5,067,886	740,094	1,096,263	2,014,892	1,190,635	20,270	5,732	10,467,736	10,191,056	107,843	140,329	28,508	27,846,294	17,378,558	29
6,589,955	621,492	826,452	4,807,597	305,989	-	28,425	13,149,731	12,213,760	767,380	168,591	-	23,881,301	10,731,570	30
1,692,207	234,530	249,184	1,164,286	31,882	12,325	-	1,682,593	1,363,200	290,483	28,910	-	4,228,180	2,545,587	31
543,728	40,046	81,551	404,427	17,704	-	-	925,016	906,318	5,451	13,247	-	1,980,727	1,055,711	32
(5)	(5)	(5)	(5)	(5)	-	-	(5)	(5)	(5)	(5)	-	(5)	(5)	33
603,256	125,671	106,879	340,407	29,699	600	-	528,455	500,468	8,316	19,671	-	1,430,012	901,557	34
(5)	(5)	(5)	(5)	(5)	-	-	(5)	(5)	(5)	(5)	-	(5)	(5)	35
660,726	61,977	87,980	457,748	29,842	9,430	13,749	587,671	498,504	30,995	55,348	2,824	1,847,260	1,259,589	36
1,117,788	134,322	126,490	817,067	39,909	-	-	310,043	253,201	20,399	33,706	2,737	1,966,402	1,656,359	37
3,534,260	178,645	447,906	1,937,902	680,344	208,572	80,891	3,440,582	3,288,363	28,850	54,430	68,939	8,971,839	5,531,257	38
126,960	-	5,037	120,103	1,820	-	-	43,473	34,149	881	2,222	6,221	244,895	201,422	39
39,626	-	1,955	35,871	1,800	-	-	30,619	23,737	150	980	5,752	104,881	74,262	40
173,173	19,227	14,485	133,201	6,260	-	-	109,008	101,683	3,081	3,256	988	384,891	275,883	41
5,907,768	237,549	644,484	4,677,261	338,518	9,956	-	7,603,322	6,728,686	428,972	238,919	206,745	17,980,566	10,377,244	42
51,756	7,500	1,990	42,266	-	-	-	47,560	36,347	7,583	3,630	-	125,834	78,274	43
1,772,834	137,171	164,847	1,281,345	189,471	-	-	1,278,728	1,050,788	11,638	26,618	189,684	3,823,037	2,544,309	44
872,135	131,445	116,312	487,748	136,630	-	-	1,049,636	1,019,410	5,719	18,348	6,159	2,385,801	1,336,165	45
2,289,732	23,175	425,242	1,758,307	42,456	40,552	-	4,622,429	4,384,980	128,461	108,988	-	10,945,847	6,323,418	46
3,598,509	121,921	472,856	2,755,199	206,742	41,791	-	4,882,502	4,479,547	217,292	174,463	11,200	11,961,827	7,079,325	47
14,571,757	579,046	1,804,240	11,704,509	480,012	3,000	950	37,423,769	36,308,900	321,750	415,196	377,923	58,251,060	20,827,291	48
338,614	53,779	32,560	232,581	19,694	-	-	351,604	339,248	7,370	4,986	-	942,590	590,986	49
339,001	41,706	33,157	227,767	36,371	-	-	845,493	803,289	19,632	20,986	1,586	1,339,157	493,664	50
839,559	74,202	110,715	482,864	155,539	12,411	3,828	3,489,661	3,436,611	23,774	29,276	-	4,748,230	1,258,569	51
334,395	31,406	39,591	239,088	24,310	-	-	635,653	618,570	7,309	9,774	-	1,477,822	842,169	52
1,076,063	20,220	164,973	825,874	52,256	12,740	-	544,060	446,630	79,797	17,633	-	2,453,209	1,909,149	53
404,164	41,211	28,866	298,171	35,916	-	-	650,785	640,094	3,628	6,996	67	1,324,208	673,423	54
145,175	13,600	19,854	107,201	4,520	-	-	162,758	156,296	4,367	2,095	-	440,634	277,876	55
(5)	(5)	(5)	(5)	(5)	(5)	-	(5)	(5)	(5)	(5)	-	(5)	(5)	56
505,663	125,641	76,408	133,145	170,469	-	-	1,100,280	1,075,527	13,066	11,304	383	4,199,137	3,098,857	57
826,496	49,331	120,117	573,557	80,664	2,827	-	549,248	397,145	126,070	26,033	-	1,711,237	1,161,989	58
1,045,852	116,794	113,750	720,754	91,669	-	2,885	9,747,620	9,507,631	86,006	153,983	-	12,430,004	2,682,384	59
1,209,846	168,201	149,921	627,020	231,820	11,357	21,527	4,581,728	4,460,564	86,669	34,495	-	7,213,021	2,631,293	60
1,123,332	130,982	147,996	716,042	128,312	-	-	1,462,409	1,409,977	27,594	19,492	5,346	3,453,061	1,990,652	61
14,177,160	900,684	1,520,553	11,204,707	545,001	6,215	-	24,623,587	24,323,850	75,613	219,986	4,138	46,117,984	21,494,397	62
3,588,523	300,772	505,549	2,611,872	167,097	3,233	-	5,545,442	4,852,344	512,224	173,985	6,889	12,316,922	6,771,480	63
306,820	48,875	5,582	212,368	39,995	-	-	512,218	489,414	2,013	7,127	13,664	1,081,161	568,943	64
714,840	38,900	50,085	579,573	41,856	4,426	-	502,727	485,122	3,901	13,704	-	1,446,463	943,736	65

TABLE 8. GENERAL STATISTICS FOR

Industry group		INDUSTRY	Number of establishments	Proprietors and firm members	PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS: Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Wage earners (average for year)	Distribution	Construction	Other
1	14	Galvanizing and other coating (carried on in plants not operated in connection with rolling mills)	7	1	409	13	25	359	10	2	
2	20	Games and toys (except dolls and children's vehicles)	30	28	2,486	21	184	2,230	51		
3	8	General commercial job printing	705	686	10,458	364	1,272	8,215	604	3	
4	16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	34	9	19,655	59	4,818	14,175	548	19	36
5	13	Glass containers	15		4,931	37	387	4,487	13	6	1
6	9	Glue and gelatin	8	3	412	14	49	284	51	11	3
7	17	Gold and silver leaf and foil	3	4	160		7	141	12		
8	14	Gray-iron and semi-steel castings	119	64	5,384	121	335	4,837	73	17	1
9	9	Greases and tallow (except lubricating greases)	39	33	834	22	69	657	79	7	
10	8	Greeting cards (except hand-painted)	9	6	656	12	50	575	19		
11	2	Hair work	3	3	9		2	7			
12	4	Handkerchiefs—made in inside factories or by jobbers engaging contractors	3	3	338		23	314			1
13	20	Hand stamps, stencils, and brands	25	23	530	26	43	334	127		
14	14	Hardware not elsewhere classified	33	18	3,190	57	294	2,674	162	3	
15	9	Hardwood distillation and charcoal manufacture	16	1	513	24	37	438	1	13	
16	3	Hat bodies and hats, fur-felt	4	1	3,499	5	163	3,084	108	2	137
17	3	Hat bodies and hats, wool-felt	4	7	1,843	7	57	1,774	5		
18	14	Heating and cooking apparatus (except electric, not elsewhere classified)	9	3	892	10	109	716	57		
19	3	Hosiery—full-fashioned	208	112	37,306	261	1,351	35,253	264	136	41
20	3	Hosiery—seamless	79	45	6,932	75	346	6,451	51	5	4
21	13	Hotel china	3		1,383	10	60	1,273	40		
22	4	House dresses, uniforms, and aprons—made in contract factories	42	50	2,324	5	51	2,254	3	1	10
23	4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	47	34	3,535	23	122	3,318	71		1
24	4	Housefurnishings (except curtains, draperies, and bedspreads)	36	27	1,368	34	88	1,191	49		6
25	6	Household furniture (except upholstered)	114	58	7,700	153	482	6,945	113	6	1
26	3	Ice cream and ices	239	198	4,227	106	329	1,981	1,538	117	156
27	1	Ice, manufactured	258	127	1,734	147	247	1,029	326	21	24
28	12	Industrial leather belting and packing leather	21	23	395	7	52	311	25		
29	17	Industrial machinery, not elsewhere classified	61	11	3,910	99	637	2,724	372	13	5
30	9	Insecticides, fungicides, and related industrial and household chemical compounds	57	26	728	46	118	379	179	4	2
31	16	Insulated wire and cable	6	2	1,942	11	159	1,606	160	4	2
32	17	Internal-combustion engines	7	5	1,503	8	284	1,120	87	4	
33	20	Jewelry cases and instrument cases	6	6	115	1	15	89	12		
34	3	Jewelry—precious metals	40	45	412	9	55	308	38		2
35	3	Jute goods (except felts)	4		786	9	36	702	15	24	
36	6	Knitted cloth	24	15	2,522	38	191	2,237	50	3	5
37	3	Knitted underwear (except knit gloves)—contract factories	10	6	240	5	10	225			
38	6	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	68	65	4,038	70	210	3,557	148	3	10
39	6	Knitted underwear	48	44	10,029	90	555	9,222	158	1	3
40	7	Laboratory, medical, and other professional furniture	8	7	176	2	14	126	8		
41	1	Lace goods	6		3,605	33	360	3,070	162		
42	2	Lapidaries	9	10	512	10	22	457	23		
43	1	Lapidary work			14			14			
44	6	Lasts and related products	7		88		7	81			
45	12	Leather goods not elsewhere classified	9	9	138	4	7	118	9		
46	12	Leather (tanned, curried, and finished)—regular factories or jobbers engaging contractors	1		7,[illegible]	4	[illegible]	7,096	72	33	
47	15	Lighting fixtures	[illegible]	[illegible]	1,[illegible]	4	84	1,223	119		5
48	1	Lime	[illegible]	11	2,089	26	171	1,798	58	24	12
49	3	Linoleum, asphalted felt base, and other hard-surface floor coverings, not elsewhere classified			4,144		[illegible]	[illegible]	215	50	
50	1	Liquors, distilled	16		467	2	53	371	1	40	
51	1	Liquors, rectified or blended	11	2	[illegible]	1	[illegible]	567	12	2	1
52	8	Lithographing and photoengraving, engraving, recording preparations of blocks or plates and dry transfers	[illegible]	[illegible]	2,09[illegible]	73	2[illegible]	1,792	192	6	
53	7	Logging camps and logging contractors (not operating sawmills)	10	10	[illegible]			100	1		
54	9	Lubricating oils and greases (not made in petroleum refineries)	42	[illegible]	1,232	10	282	751	126	18	17
55	[illegible]	Macaroni, spaghetti, vermicelli, and noodles	20	6	1,012	22	73	775	130	3	8
56	8	Machine and hand knitting (including advertising, specialties)	14	[illegible]	[illegible]	23	68	462	49		
57	17	Machine-shop products, not elsewhere classified	210	[illegible]	[illegible]	234	1,797	[illegible]	912	115	59
58	17	Machine-shop repairs	77	88	756	28	64	628	4[illegible]	[illegible]	2
59	7	Machine-tool and other metalworking-machinery (except dies, molds, cutting and stamping tools, and machinists' precision tools)	50	57	1,810	[illegible]	229	1,431	88	11	[illegible]
60	17	Machine tools	17	2	1,830	19	[illegible]	1,411	240	[illegible]	
61	14	Malleable-iron castings	8		1,877	17	194	1,659	7		
62	1	Malt liquors	87	18	6,101	153	487	3,717	1,773	93	76
63	6	Mattresses and bedsprings	77	53	1,325	48	166	998	171	4	[illegible]
64	17	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	11	1	2,695	17	307	2,302	50	14	7
65	[illegible]	Meat packing, wholesale	128	110	7,703	124	543	5,077	1,815	89	55

See footnotes at end of table.

THE STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
720,112	219,880	83,745	389,069	23,583	3,835	----------	678,786	633,740	33,494	11,552	----------	1,975,753	1,296,967	1
2,403,243	120,869	298,784	1,875,129	108,461	----------	----------	3,550,111	3,462,551	37,574	47,628	2,358	6,943,268	3,393,157	2
15,200,369	1,558,889	1,936,452	10,577,632	1,119,596	7,800	----------	13,191,243	11,739,969	157,787	356,605	936,882	37,401,914	24,210,671	3
35,795,359	381,095	10,443,812	23,623,942	1,278,646	23,436	44,428	39,115,875	38,081,357	527,890	448,774	57,854	97,959,558	58,843,683	4
7,232,655	275,440	668,381	6,211,020	69,977	7,369	468	11,219,391	9,192,005	1,651,643	375,743	----------	27,301,331	16,081,940	5
658,861	96,043	87,101	300,660	151,649	20,354	3,054	1,121,054	985,363	131,927	3,764	----------	2,371,347	1,250,293	6
(5)	----------	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	7
6,772,335	452,125	661,598	5,507,818	120,131	29,101	1,562	8,920,443	8,050,070	539,551	224,451	106,371	19,475,987	10,555,544	8
1,100,659	97,473	119,976	738,305	134,475	10,430	----------	4,446,019	4,205,135	159,794	81,032	58	6,840,346	2,394,327	9
707,009	108,625	76,671	438,711	83,002	----------	----------	704,389	588,890	225	7,517	107,757	1,769,775	1,065,386	10
7,489	----------	1,720	5,769	----------	----------	----------	4,132	3,680	253	109	90	17,667	13,535	11
(5)	----------	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	12
752,460	109,969	79,958	390,064	172,469	----------	----------	511,768	481,647	8,802	15,393	5,926	1,745,821	1,234,053	13
4,063,273	353,519	484,642	2,867,092	355,381	2,639	----------	3,396,448	3,120,695	103,198	103,691	68,864	9,450,658	6,054,210	14
421,786	50,241	52,167	302,572	614	16,192	----------	929,517	676,342	236,072	12,063	5,040	1,542,734	613,217	15
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	16
1,579,489	27,598	94,734	1,452,156	5,001	----------	----------	3,385,157	3,310,505	48,258	26,394	----------	6,003,449	2,618,292	17
1,329,405	100,310	213,755	866,556	148,784	----------	----------	1,487,340	1,414,815	25,189	39,382	7,954	3,623,521	2,136,181	18
42,661,006	1,575,669	2,586,269	37,653,793	580,484	214,830	49,961	43,087,687	39,171,327	473,421	650,118	2,792,821	99,881,839	56,794,152	19
5,644,856	392,376	514,192	4,642,048	85,974	3,891	6,375	7,050,752	6,561,631	87,751	102,634	298,736	15,766,232	8,715,480	20
1,713,005	75,360	119,265	1,394,582	123,798	----------	----------	344,666	221,566	105,927	17,173	----------	2,564,503	2,219,837	21
1,128,955	15,710	71,886	1,029,829	4,060	870	6,600	83,391	40,354	6,924	25,493	10,620	1,598,227	1,514,836	24
2,393,665	93,560	191,346	2,008,176	100,083	----------	500	7,029,111	6,521,417	7,434	36,791	463,469	11,090,766	4,061,655	22
1,143,566	165,360	109,556	814,334	49,218	----------	5,048	4,217,638	4,179,571	11,703	23,049	3,315	6,410,709	2,193,071	23
7,838,604	623,296	803,634	6,215,188	181,146	14,820	520	11,839,726	11,375,840	202,769	228,090	33,027	23,858,126	12,018,400	25
6,204,561	480,678	511,660	2,417,125	2,392,368	192,322	210,408	19,016,780	18,193,287	234,287	589,206	----------	39,530,200	20,513,420	26
2,653,244	444,361	410,551	1,328,836	414,292	20,180	35,024	1,702,658	344,667	182,588	1,175,403	----------	8,162,032	6,459,374	27
555,253	31,280	99,442	376,421	48,110	----------	----------	1,638,602	1,616,403	9,482	12,617	100	3,049,485	1,410,883	28
6,217,563	505,879	1,252,605	3,696,542	736,197	20,140	6,200	7,007,253	6,628,250	130,376	144,345	104,282	17,604,705	10,597,452	29
1,207,643	265,680	191,023	433,284	307,507	5,971	4,178	2,561,877	2,476,612	51,533	33,584	148	5,417,635	2,855,758	30
2,784,941	94,641	344,082	1,938,494	396,964	8,960	1,800	7,290,391	7,071,100	103,604	114,623	1,064	10,544,475	3,254,084	31
2,056,067	20,787	499,960	1,396,044	137,729	1,547	----------	2,540,831	2,393,495	120,547	26,789	----------	6,196,357	3,655,526	32
94,317	3,200	21,786	61,254	8,077	----------	----------	125,941	105,453	727	645	19,116	304,986	179,045	33
555,815	50,375	78,475	343,260	82,569	----------	1,136	875,294	841,256	2,392	7,397	24,249	1,806,171	930,877	34
918,249	120,695	69,336	690,878	20,532	16,808	----------	2,125,993	2,011,216	40,519	70,646	3,612	4,550,192	2,424,199	35
3,146,455	434,960	385,371	2,225,419	93,187	5,664	1,854	7,099,516	6,642,805	179,806	77,243	199,662	12,516,513	5,416,997	36
173,845	21,965	9,670	142,210	----------	----------	----------	9,533	600	1,107	5,263	2,563	258,086	248,553	37
4,311,878	312,280	398,729	3,269,152	316,421	3,338	11,958	10,492,404	10,147,856	17,360	67,740	259,448	18,837,167	8,344,763	38
8,331,246	502,485	946,437	6,532,187	345,660	1,497	2,980	18,109,725	17,112,644	120,359	154,831	721,891	29,320,771	11,211,046	39
187,190	8,060	21,548	147,215	10,367	----------	----------	173,999	165,894	2,183	5,922	----------	495,445	321,446	40
5,150,475	314,820	602,420	3,796,858	436,377	----------	----------	3,714,457	3,538,458	136,404	22,270	17,325	11,595,019	7,880,562	42
321,328	29,230	25,225	248,785	18,088	----------	----------	633,213	622,012	143	3,818	7,240	1,172,893	539,680	43
20,879	----------	----------	20,879	----------	----------	----------	130,703	130,099	9	595	----------	213,038	82,335	44
100,653	3,861	7,261	89,531	----------	----------	----------	98,286	93,589	2,076	2,621	----------	254,808	156,522	45
119,875	14,470	11,719	83,824	9,862	----------	----------	285,996	282,744	1,278	1,974	----------	508,821	222,825	41
9,675,247	600,623	769,040	8,105,121	156,119	44,344	----------	35,632,952	34,380,673	581,887	132,213	538,179	53,035,125	17,402,173	46
1,692,973	197,061	148,351	1,158,996	181,799	----------	6,766	3,699,748	3,629,827	26,727	35,494	7,700	6,920,140	3,220,392	47
2,429,965	95,928	324,396	1,849,380	114,047	28,876	17,338	2,152,754	947,682	846,372	355,474	3,226	6,909,138	4,756,384	48
(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	49
625,571	4,000	120,120	470,557	2,040	28,854	----------	2,612,065	2,326,608	238,658	46,799	----------	5,208,075	2,596,010	50
1,522,714	183,284	370,062	706,980	256,148	5,200	1,040	4,713,931	4,674,476	21,205	18,250	----------	10,749,188	6,035,257	51
3,477,059	407,290	426,174	2,127,709	499,987	15,899	----------	3,131,301	2,590,772	32,166	60,035	448,328	7,638,109	4,506,808	52
79,818	----------	----------	78,698	1,120	----------	----------	34,647	26,280	3,367	----------	5,000	200,552	165,905	53
2,153,787	223,608	619,424	957,170	315,235	27,043	11,307	10,417,307	10,102,448	231,925	82,934	----------	15,734,504	5,317,197	54
1,001,958	129,286	97,327	581,896	181,333	4,420	7,696	3,212,013	3,103,559	25,847	82,086	521	5,216,999	2,004,986	55
913,257	101,715	110,827	614,928	85,787	----------	----------	165,623	115,411	7,853	14,199	28,160	1,500,481	1,334,858	56
18,154,518	1,429,240	3,192,388	11,074,506	2,148,107	112,210	198,067	16,354,967	14,654,322	507,046	483,611	709,988	46,495,901	30,140,934	57
1,070,911	88,964	110,639	865,007	4,623	----------	1,678	954,837	887,017	33,623	34,014	183	2,504,660	1,549,823	58
2,762,772	275,023	440,374	1,884,701	138,972	16,933	6,769	1,585,943	1,418,566	41,542	81,683	44,152	6,752,446	5,166,503	59
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	60
2,191,664	81,819	319,173	1,759,677	30,995	----------	----------	1,298,046	980,239	196,111	115,998	5,698	4,333,122	3,035,076	61
12,727,777	1,362,310	1,221,005	6,677,374	3,196,470	107,438	163,180	16,959,997	15,881,760	783,948	292,396	1,893	55,849,173	38,889,176	62
1,677,658	194,492	161,008	1,041,156	273,081	7,046	875	3,686,971	3,606,059	16,771	46,286	17,855	6,473,819	2,786,848	63
3,775,782	130,977	635,319	2,900,592	81,912	15,078	11,904	4,373,018	4,266,710	44,814	61,194	300	11,409,452	7,036,434	64
12,173,355	931,459	974,659	6,731,699	3,254,475	184,773	96,290	81,760,111	80,961,614	451,775	316,954	29,768	101,012,968	19,252,857	65

TABLE 8.—GENERAL STATISTICS FOR

		INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
1	7	Mechanical power-transmission equipment	34	15	4,274	58	642	3,193	310	7	64
2	4	Men's and boys' hats and caps (except felt and straw)	26	31	419	15	20	368	14	.	2
3	4	Men's and boys' shirts (except work shirts, collars, and nightwear) made in contract factories	6	57	6,454	28	134	6,282	5	2	8
4	4	Men's and boys' shirts (except work shirts, collars, and nightwear) made in inside factories or by jobbers engaging contractors	88	35	14,720	52	508	13,880	202	28	50
5	4	Men's and boys' suits, coats, and overcoats (except work clothing) made in contract factories	120	146	9,898	42	213	9,622	11	2	8
6	4	Men's and boys' suits, coats, and overcoats (except work clothing) made in inside factories or by jobbers engaging contractors	192	147	14,014	140	728	12,422	677	2	45
7	4	Men's and boys' underwear—made in contract factories	3	7	719	5	7	707	.	.	.
8	4	Men's and boys' underwear—made in inside factories or by jobbers engaging contractors	14	9	1,422	7	54	1,346	5	9	1
9	4	Men's neckwear—made in inside factories or by jobbers engaging contractors	24	26	935	15	47	825	47	.	1
10	7	Metalworking machinery and equipment, not elsewhere classified	13	1	1,712	27	321	1,329	32	.	3
11	4	Millinery	18	16	880	20	35	783	42	.	.
12	13	Minerals and earths, ground or otherwise treated	27	3	748	22	68	651	6	1	.
13	17	Mining machinery and equipment	12	2	1,003	20	96	773	114	.	.
14	5	Mirror frames and picture frames	11	8	64	4	6	53	1	.	.
15	13	Mirrors and other glass products made of purchased glass	53	45	1,071	29	92	877	66	6	1
16	20	Miscellaneous fabricated products not elsewhere classified	19	18	517	15	36	433	26	1	6
17	4	Miscellaneous fabricated textile products not elsewhere classified	23	16	658	32	43	538	45	.	.
18	20	Models and patterns (except paper patterns)	42	50	353	11	29	308	4	1	.
19	3	Monuments, tombstones, cut stone, and stone products not elsewhere classified	113	110	1,930	69	129	1,614	116	2	.
20	18	Motor vehicles, motor vehicle bodies, parts and accessories	66	43	16,122	116	1,983	13,613	409		1
21	9	Mucilage, paste, and other adhesives, except glue and rubber cement	7	4	51	6	10	27	8		.
22	20	Musical instruments, parts, and materials not elsewhere classified	3		49	3	6	38	2	.	.
23	20	Needles, pins, hooks and eyes, and slide and snap fasteners	6	1	5,121	14	940	3,374	473	320	.
24	8	Newspapers: publishing and printing	376	255	17,323	362	4,932	8,318	3,711	.	.
27	8	Newspapers: publishing without printing	37	22	203	10	128	38	27	.	.
26	1	Nonalcoholic beverages	314	318	3,315	105	291	1,343	1,536	13	27
27	13	Nonclay refractories	20	1	3,062	21	212	2,808	20	.	1
28	15	Nonferrous-metal foundries (except aluminum)	61	39	1,255	56	95	1,073	28	1	2
29	15	Nonferrous-metal products not elsewhere classified	24	13	2,333	28	229	1,986	75	14	1
30	17	Office and store machines not elsewhere classified	5	1	136	4	10	119	3	.	.
31	6	Office furniture	10	5	626	15	39	539	32	1	.
32	14	Oil burners, domestic and industrial	7	1	229	19	44	83	82	.	1
33	17	Oil-field machinery and tools	21	8	1,319	15	216	1,046	34	2	6
34	20	Ophthalmic goods: lenses and fittings	4	2	771	9	80	628	54	.	.
35	20	Optical instruments and lenses	3	3	21			19	2	.	.
36	20	Organs	4	3	55	3	4	42	6	.	.
37	10	Oven coke and coke-oven byproducts	12		5,791	4	458	5,089	108	117	15
38	9	Paints, varnishes, and lacquers	98	42	3,397	121	516	1,984	750	9	17
39	7	Paper and paperboard mills	47	3	10,707	71	1,063	8,508	511	254	100
40	7	Paper bags, except those made in paper mills	9	5	1,199	11	83	1,012	76	17	.
41	7	Paperboard containers and boxes not elsewhere classified	150	113	7,307	166	491	6,201	418	28	1
42	17	Paper-mill, pulp-mill, and paper-products machinery	10	5	550	14	95	381	57	.	3
43	6	Partitions, shelving, cabinet work, and office and store fixtures	51	29	1,352	54	119	1,052	123		4
44	10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	44	11	798	1	72	311	11	2	1
45	20	Pencils (except mechanical) and crayons	4		357	10	25	301	19	2	.
46	9	Perfumes, cosmetics, and other toilet preparations	17	13	284	19	34	203	20	3	5
47	8	Periodicals: publishing and printing	57	18	5,707	67	1,527	3,826	287	.	.
48	8	Periodicals: publishing without printing	93	53	964	57	473	31	343	.	.
49	10	Petroleum refining	30		11,069	34	1,535	8,196	365	930	.
50	8	Photoengraving, not done in printing establishments (including preparation of plates)	50	39	990	68	119	670	131	.	2
51	20	Photographic apparatus and materials and projection equipment (except lenses)	9	9	266	6	42	151	67		.
52	20	Piano and organ parts and materials	3		71	5	4	37	5	.	.
53	1	Pickled fruits and vegetables and vegetable sauces and seasonings	22	21	1,073	10	65	862	132	1	3
54	5	Planing mills not operated in conjunction with sawmills	246	168	3,466	173	421	2,536	296	4	36
55	9	Plastic materials	3		487	2	64	404	8	9	.
56	5	Plywood mills	3		225	1	12	209	3	.	.
57	13	Porcelain electrical supplies	3		757	5	47	693	22	.	.
58	13	Pottery products not elsewhere classified	7	6	194	9	25	153	7	.	.
59	1	Poultry dressing and packing, wholesale	11	13	378	6	19	348	5	.	.
60	14	Power boilers and associated products	57	17	5,190	100	883	3,975	224	6	2
61	1	Prepared feeds (including mineral) for animals and fowls	133	162	1,249	39	161	860	174	3	12
62	1	Preserves, jams, jellies, and fruit butters	4	3	429	3	22	372	9	13	10
63	15	Primary smelting and refining of nonferrous metals	4	.	4,679	.	289	4,020	.	66	304
64	9	Printing ink	15	7	488	13	106	328	40	1	.
65	17	Printing-trades machinery and equipment	18	12	1,411	26	201	980	200	.	4

See footnotes at end of table.

THE STATE, BY INDUSTRIES: 1939—Continued

Salaries and wages							Cost of materials, supplies, fuel, purchased electric energy, and contract work							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
7,255,491	507,629	1,357,042	4,611,175	685,443	10,003	84,199	7,063,134	6,652,657	118,650	194,062	97,765	20,539,884	13,476,750	1
356,003	62,104	22,908	254,940	14,791	----------	1,260	437,671	429,968	1,479	5,724	500	976,874	539,203	2
3,667,515	94,677	157,855	3,403,280	3,387	3,692	4,624	434,908	351,107	19,114	54,295	10,392	4,866,408	4,431,500	3
10,696,507	374,132	819,120	8,914,510	487,055	44,232	57,458	25,379,031	23,702,737	52,686	144,904	1,478,704	41,859,014	16,479,983	4
8,946,967	184,845	319,215	8,423,466	10,385	1,485	7,571	1,060,330	660,011	34,405	96,845	269,069	11,965,741	10,905,411	5
16,620,239	932,926	1,281,808	12,957,813	1,391,108	10,702	45,882	48,752,227	39,351,168	80,621	134,736	9,185,702	75,371,099	26,618,872	6
(5)	(5)	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	7
1,010,829	56,465	78,603	859,076	6,809	9,057	819	3,365,451	2,870,888	9,887	15,682	468,994	4,763,476	1,398,025	8
733,091	56,387	67,483	551,897	56,842	----------	482	1,668,394	1,635,697	3,120	14,186	15,391	2,942,567	1,274,173	9
2,810,330	196,216	717,524	1,843,802	50,829	----------	1,959	3,738,394	3,553,234	80,061	105,099	----------	10,966,516	7,228,122	10
879,089	83,773	48,009	665,262	82,045	----------	----------	1,898,223	1,860,805	5,330	18,008	14,080	3,191,772	1,293,549	11
1,045,406	90,549	152,515	776,326	23,216	2,800	----------	2,310,667	2,032,384	96,351	168,245	13,687	4,684,895	2,374,228	12
1,472,311	120,137	190,393	937,281	224,500	----------	----------	3,778,434	3,695,299	46,519	36,486	130	6,654,856	2,876,422	13
77,673	8,500	5,635	62,824	714	----------	----------	80,667	76,050	1,861	2,756	----------	215,266	134,599	14
1,221,038	90,525	168,149	849,753	108,945	2,015	1,651	1,836,886	1,770,655	28,667	33,233	4,331	3,817,623	1,980,737	15
489,729	47,607	50,385	347,356	39,697	1,680	3,004	530,183	505,195	2,920	8,192	13,876	1,465,917	935,734	16
555,978	114,719	60,650	306,611	73,998	----------	----------	1,160,629	1,144,614	8,171	7,844	----------	2,049,157	888,528	17
527,410	29,245	36,775	456,476	4,046	868	----------	202,003	187,038	4,665	10,300	----------	1,057,166	855,163	18
2,330,655	167,738	195,548	1,809,042	155,087	3,240	----------	1,573,815	1,351,623	60,101	148,743	13,348	4,998,023	3,424,208	19
24,729,415	732,528	3,562,723	19,515,731	916,847	----------	1,586	69,641,908	68,562,695	463,319	612,783	3,111	108,424,041	38,782,133	20
74,253	15,608	14,574	31,605	12,466	----------	----------	138,742	134,539	2,272	1,931	----------	373,477	234,735	21
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	22
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	23
31,552,184	2,284,451	9,092,114	13,967,419	6,208,200	----------	----------	18,616,777	17,585,318	216,880	550,212	264,367	76,658,846	58,042,069	24
240,995	20,775	127,982	62,217	30,021	----------	----------	377,046	20,145	1,162	1,938	353,801	879,049	502,003	25
4,702,096	512,604	431,212	1,378,544	2,325,593	18,022	36,121	9,207,467	8,954,751	92,885	157,981	1,850	21,445,271	12,237,804	26
3,593,293	126,706	419,119	2,995,138	51,180	----------	1,150	5,694,732	4,580,862	886,775	227,095	----------	13,442,675	7,747,943	27
1,814,279	236,052	172,757	1,350,645	52,369	1,455	1,001	4,041,963	3,793,373	115,231	94,237	39,122	7,405,622	3,363,659	28
3,891,563	256,527	484,950	2,851,649	284,473	13,815	149	4,200,488	3,895,556	127,438	131,064	46,430	9,823,960	5,623,472	29
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	30
822,557	112,413	71,095	588,013	49,036	2,000	----------	875,367	830,282	22,114	20,006	2,965	2,096,833	1,221,466	31
366,578	71,328	61,864	100,908	132,070	----------	408	635,525	624,927	5,273	5,325	----------	1,186,798	551,273	32
1,825,161	70,576	421,255	1,248,345	74,145	4,695	6,145	2,864,775	2,655,481	131,669	77,067	558	5,616,094	2,751,319	33
895,699	85,691	111,727	584,965	113,316	----------	----------	1,399,668	1,366,368	12,339	20,961	----------	2,968,842	1,569,174	34
23,784	----------	----------	22,744	1,040	----------	----------	19,329	18,049	446	834	----------	64,198	44,869	35
53,159	2,704	3,671	36,981	9,803	----------	----------	36,242	34,639	878	725	----------	120,721	84,479	36
8,860,207	39,583	1,197,044	7,238,436	197,397	168,080	19,667	57,914,220	55,954,584	1,397,416	562,220	----------	80,686,370	22,772,150	37
5,898,030	639,263	1,010,863	2,975,250	1,239,551	15,053	18,050	21,998,238	21,630,756	179,296	178,392	9,794	37,089,825	15,091,587	38
16,524,784	666,589	2,349,577	11,473,813	1,452,615	327,295	254,895	41,762,827	37,182,693	3,601,373	977,249	1,512	81,103,067	39,340,240	39
1,564,466	203,620	187,203	1,003,751	116,110	53,782	----------	4,391,502	4,337,886	17,057	36,559	----------	7,915,090	3,523,588	40
8,146,881	1,002,263	813,435	5,523,916	770,620	36,309	338	16,352,824	15,898,223	124,918	179,715	149,968	30,481,468	14,128,644	41
975,786	97,035	202,539	549,223	124,463	----------	2,526	734,327	690,640	27,433	14,754	1,500	2,052,830	1,318,503	42
1,947,628	215,320	178,165	1,353,205	197,473	----------	3,465	1,860,223	1,776,981	23,351	43,161	16,730	4,570,136	2,709,913	43
506,620	5,712	125,708	330,443	40,376	3,089	1,292	2,283,849	2,087,293	137,574	58,290	692	3,711,255	1,427,406	44
529,315	78,278	49,215	363,182	34,925	3,715	----------	944,774	922,179	13,549	9,046	----------	2,187,835	1,243,061	45
300,940	72,184	38,709	161,291	17,599	4,710	6,447	900,329	891,802	4,707	3,820	----------	1,569,356	669,027	46
10,569,106	434,160	3,179,685	6,255,632	699,629	----------	----------	14,074,727	13,581,271	110,602	126,029	256,825	42,530,498	28,455,771	47
1,487,076	253,223	741,144	38,272	454,437	----------	----------	4,286,512	1,147,019	779	3,455	3,135,259	9,178,237	4,891,725	48
21,782,066	246,209	3,908,412	14,361,213	848,509	2,417,723	----------	180,570,337	170,029,838	8,498,193	1,944,274	98,032	225,742,635	45,172,298	49
2,442,561	299,333	202,372	1,690,400	248,798	----------	1,658	524,430	377,217	5,451	35,855	105,907	3,898,499	3,374,069	50
383,712	26,100	63,252	170,527	123,833	----------	----------	423,510	411,230	3,202	9,078	----------	1,079,090	655,580	51
70,225	17,157	5,100	41,973	5,995	----------	----------	98,490	95,421	970	1,274	825	182,949	84,459	52
1,092,739	40,030	113,898	747,902	187,675	1,065	2,169	3,785,005	3,725,909	33,754	25,342	----------	6,312,779	2,527,774	53
4,597,145	500,015	649,855	2,885,930	501,461	12,604	47,280	6,823,320	6,360,858	143,121	241,431	77,910	13,862,931	7,039,611	54
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	55
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	56
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	57
301,805	58,620	48,433	178,826	15,926	----------	----------	119,896	68,507	38,713	12,397	279	620,711	500,815	58
333,967	30,076	49,305	241,033	13,553	----------	----------	2,183,472	2,167,827	7,676	7,969	----------	2,727,051	543,579	59
8,488,034	547,989	1,982,670	5,493,626	452,418	9,136	2,195	16,577,000	15,769,233	188,555	272,515	346,697	30,543,604	13,966,604	60
1,650,746	161,410	234,034	878,268	357,268	4,432	15,334	14,724,505	14,517,646	39,100	167,759	----------	18,475,281	3,750,776	61
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	62
7,340,032	----------	843,308	5,815,625	----------	77,482	603,617	16,492,189	13,862,523	2,039,636	590,030	----------	30,975,564	14,483,375	63
911,582	125,794	235,245	482,030	116,513	2,000	----------	2,756,914	2,692,981	20,351	43,582	----------	4,320,753	1,563,839	64
2,393,010	229,328	403,169	1,324,879	433,337	----------	2,297	1,106,084	1,033,936	24,689	37,250	10,209	5,169,044	4,062,960	65

TABLE 8.—GENERAL STATISTICS FOR

		INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS: Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
1	5	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	19	15	642	27	46	502	67		
2	27	Professional and scientific instruments (except surgical and dental)	28	17	2,056	43	525	1,160	313	15	
3	6	Public-building furniture	6	4	272	12	40	212	8		
4	7	Pulp mills	9		1,469	4	81	1,271	1	42	70
5	17	Pumping equipment and air compressors	23	7	2,134	42	375	1,512	174	10	21
6	1	Quick-frozen foods	3	1	117	3	16	87	11		
7	16	Radios, radio tubes, and phonographs	4	2	5,407	13	756	3,956	574	54	54
8	4	Raincoats and other waterproof garments (except oiled cotton)	3	3	91	3	11	77			
9	9	Rayon and allied products	3		7,971		503	7,334		134	
10	3	Rayon broad woven goods—contract factories	33	17	2,390	30	99	2,252	9		
11	5	Rayon broad woven goods—regular factories or jobbers engaging contractors	49	8	10,518	46	556	9,904	16		2
12	3	Rayon narrow fabrics	18	9	2,112	18	213	1,863	18		
13	3	Rayon throwing and spinning—contract factories	20	7	2,064	16	80	1,963	5		
14	3	Rayon yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	13	3	2,821	19	139	2,652	11		
15	17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	28	34	4,951	25	613	4,024	217	63	9
16	4	Robes, lounging garments, and dressing gowns	10	8	714	1	39	673		1	
17	10	Roofing, built-up and roll, asphalt shingles; roof coating (except paint)	8	1	825	5	77	639	95	8	1
18	11	Rubber products not elsewhere classified	27	11	3,111	43	377	2,495	192	4	
19	12	Saddlery, harness, and whips	6	5	73	2	12	47	12		
20	1	Salad dressings	7	6	114	2	12	88	12		
21	13	Sand-lime brick, block and tile	3	4	6			6			
22	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	73	50	1,489	25	139	1,072	245	8	
23	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	224	250	1,988	25	94	1,777	78	14	
24	14	Saws	10	5	1,229	9	106	1,112	2		
25	17	Scales and balances	5	1	111	4	16	80	11		
26	14	Screw-machine products and wood screws	20	15	1,256	23	135	1,038	58	2	
27	15	Secondary smelting and refining, gold, silver, and platinum	4	2	125	3	22	81	19		
28	15	Secondary smelting and refining of nonferrous metals, not elsewhere classified	11	8	505	16	71	383	27	1	7
29	13	Sewer pipe and kindred products	5		785	8	36	727	10	2	2
30	17	Sheet-metal work not specifically classified	74	51	1,844	44	235	1,460	98		7
31	19	Shipbuilding and ship repairing	17	3	6,978	19	320	6,551	9	79	
32	20	Signs, advertising displays, and advertising novelties	85	69	1,228	49	112	934	133		
33	3	Silk broad woven goods—contract factories	12	4	682	12	26	643	1		
34	3	Silk broad woven goods—regular factories or jobbers engaging contractors	23	3	3,650	24	188	3,438			
35	3	Silk narrow fabrics	32	10	2,096	22	111	1,955	6		2
36	3	Silk throwing and spinning—contract factories	58	26	9,862	47	393	9,402	18	2	
37	3	Silk yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	18	8	2,803	14	112	2,655	20		2
38	15	Silverware and plated ware	7	8	67	3	4	56	4		
39	12	Small leather goods	7	7	441	4	47	357	33		
40	9	Soap and glycerin	22	16	1,136	26	95	721	294		
41	20	Soda fountains, beer dispensing equipment, and related products	3	2	103	3	9	76	15		
42	17	Special industry machinery, not elsewhere classified	18	4	1,015	35	120	782	74	2	2
43	20	Sporting and athletic goods not elsewhere classified	15	16	720	8	40	648	23	1	
44	14	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	14	2	1,059	25	97	912	25		
45	14	Stamped and pressed metal products (except automobile stampings)	41	19	2,204	59	270	1,752	112	10	1
46	13	Statuary and art goods (except stone and concrete)—factory production	8	5	83		7	75	1		
47	14	Steam and hot-water heating apparatus (including hot-water furnaces)	26	6	2,809	36	278	2,377	114	4	
48	13	Steam and other packing; pipe and boiler covering	22	7	1,746	39	163	1,324	208	4	8
49	17	Steam engines, turbines, and water wheels	8		4,744	21	1,111	3,348	262	1	1
50	14	Steam fittings, regardless of material	15	4	3,066	34	348	2,455	229		
51	14	Steel barrels, kegs, and drums	5		377	10	33	322	12		
52	14	Steel castings	31		8,661	66	912	7,312	256	105	10
53	14	Steel works and rolling mills	91		150,604	170	12,697	134,477	1,177	2,040	43
54	17	Stokers, mechanical, domestic and industrial	6	3	1,219	7	152	993	38	29	
55	14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	36	21	3,748	49	394	2,988	309		8
56	12	Suitcases, brief cases, bags, trunks, and other luggage	30	28	813	27	77	685	46		
57	2	Surgical and medical instruments	5	5	219	8	6	161	44		
58	2	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	30	26	1,334	34	209	920	171		
59	4	Suspenders, garters, and other goods made from purchased elastic material	3	2	460	3	35	320	100		2
60	10	Tableware, pressed or blown glass, and glassware not elsewhere classified	23	2	6,983	40	518	6,248	129	48	
61	9	Tanning materials, natural dyestuffs, mordants, assistants and sizes	21	4	455	34	83	259	73	5	
62	4	Textile bags—not made in textile mills	10	11	389	4	38	325	21	1	
63	17	Textile machinery	49	19	6,556	76	591	5,464	362	47	18
64	14	Tin cans and other tinware not elsewhere classified	17	7	3,019	15	309	2,426	177	90	2
65	11	Tires and inner tubes	5		2,738	15	269	2,095	342		11
66	2	Tobacco (chewing and smoking) and snuff	26	22	576	18	56	457	45		
67	14	Tools (except edge tools, machine tools, files, and saws)	38	12	1,625	49	166	1,314	96		
68	19	Transportation equipment not elsewhere classified	5		169	10	18	138	3		
69	4	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories	11	12	117		2	113	2		
70	4	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	10	10	166	6	7	132	19	1	1

See footnotes at end of table.

THE STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	
792,438	167,178	72,867	462,060	90,333	.....	.....	3,866,154	3,779,928	24,104	46,320	15,802	5,567,389	1,701,235	1
3,701,820	267,465	1,008,011	1,675,960	722,641	27,743	.....	3,154,282	2,993,146	17,403	44,659	99,074	9,794,991	6,640,709	2
336,425	43,572	60,961	220,996	10,896	.....	.....	430,494	417,504	4,285	8,705	.....	979,416	548,922	3
2,153,792	77,840	177,175	1,571,422	2,830	114,198	210,327	6,799,847	5,970,078	726,823	102,946	.....	9,436,299	2,636,452	4
2,790,118	175,143	622,963	1,639,805	321,955	8,684	21,568	3,043,339	2,890,173	107,058	39,930	6,178	8,220,401	5,177,062	5
(3)	(3)	(3)	(3)	(3)	.....	.....	(3)	(3)	(3)	(3)	.....	(3)	(3)	6
(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	.....	(3)	(3)	7
(3)	(3)	(3)	(3)	.....	.....	.....	(3)	(3)	(3)	(3)	.....	(3)	(3)	8
(3)	.....	(3)	(3)	.....	(3)	.....	(3)	(3)	(3)	.....	.....	(3)	(3)	9
1,895,981	112,422	159,933	1,622,222	1,404	.....	.....	337,603	131,057	28,031	116,766	61,749	2,814,870	2,477,267	10
9,313,860	295,066	954,373	8,007,486	54,335	.....	2,600	27,544,752	25,666,562	111,051	506,191	1,260,948	44,966,125	17,421,373	11
1,788,733	131,484	319,594	1,307,370	30,285	.....	.....	2,979,092	2,739,165	39,560	45,390	154,977	6,355,637	3,376,545	12
1,396,112	82,658	113,259	1,176,247	23,948	.....	.....	469,468	192,123	27,077	205,680	44,588	2,343,544	1,874,076	13
2,132,048	128,967	191,743	1,767,802	43,536	.....	.....	6,638,325	6,312,041	71,402	206,112	48,770	9,855,911	3,217,586	14
6,641,332	105,666	1,121,980	4,944,298	335,363	116,699	17,326	28,922,856	28,435,495	113,197	349,019	25,145	51,850,245	22,927,389	15
407,703	4,572	39,716	361,529	.....	1,886	.....	1,362,325	1,277,253	935	7,788	76,349	1,930,451	568,126	16
1,124,368	28,680	146,076	764,152	175,162	8,538	1,760	4,672,545	4,463,645	159,412	49,488	.....	8,107,508	3,434,963	17
3,993,731	286,849	526,104	2,841,260	334,151	5,367	.....	5,920,252	5,578,075	151,529	188,996	1,652	12,540,595	6,620,343	18
82,593	7,630	13,431	47,285	14,247	.....	.....	128,634	126,722	1,228	622	62	272,819	144,185	19
123,181	13,000	16,828	74,622	18,731	.....	.....	528,014	522,891	1,477	3,646	.....	755,021	227,007	20
7,135	.....	.....	7,135	.....	.....	.....	28,726	28,238	75	413	.....	48,840	20,114	21
2,042,831	116,368	245,231	1,237,037	435,280	8,915	.....	19,688,232	19,506,066	79,248	102,918	.....	23,897,848	4,209,616	22
1,606,753	62,347	108,369	1,327,318	96,821	11,898	.....	1,820,001	1,482,813	59,588	19,022	258,578	4,788,147	2,968,146	23
(3)	(3)	(3)	(3)	(3)	.....	.....	(3)	(3)	(3)	(3)	(3)	(3)	(3)	24
126,615	8,389	21,507	78,846	17,873	.....	.....	114,333	110,066	1,722	2,545	.....	288,590	174,257	25
1,958,654	193,693	315,147	1,303,190	143,952	2,672	.....	1,563,031	1,447,986	29,593	63,453	21,999	5,005,900	3,442,869	26
156,316	11,620	29,831	93,493	21,372	.....	.....	781,156	763,158	915	10,103	6,980	1,024,896	243,740	27
860,157	116,786	194,149	481,964	59,403	896	6,959	6,584,016	6,410,403	136,836	36,777	.....	8,430,861	1,846,845	28
1,056,888	37,300	64,285	928,735	23,720	1,100	1,748	537,359	245,464	277,345	14,550	.....	2,330,112	1,792,753	29
3,075,233	182,028	617,652	2,075,078	190,715	.....	9,760	6,320,100	6,118,055	54,289	65,783	81,973	13,639,709	7,319,609	30
(3)	(3)	(3)	(3)	(3)	(3)	.....	(3)	(3)	(3)	(3)	(3)	(3)	(3)	31
1,724,868	194,869	186,909	1,054,940	288,150	.....	.....	1,742,030	1,622,426	24,948	30,913	63,743	4,659,232	2,917,202	32
470,029	32,049	34,400	401,580	2,000	.....	.....	58,487	15,324	6,253	36,910	.....	583,291	524,804	33
3,113,049	105,763	272,600	2,734,686	.....	.....	.....	9,823,865	9,234,234	78,958	160,059	350,614	15,223,956	5,400,091	34
1,973,330	124,742	191,668	1,637,214	17,086	.....	2,620	2,522,927	2,248,268	43,724	59,533	171,402	5,563,065	3,040,138	35
6,537,799	217,185	592,344	5,672,119	55,587	564	.....	2,625,152	1,571,979	97,572	705,440	250,161	12,126,610	9,501,458	36
2,138,346	180,553	185,871	1,730,893	40,518	.....	511	8,153,387	7,906,610	52,109	148,502	46,166	12,302,368	4,148,981	37
79,281	9,299	5,021	58,987	5,874	.....	.....	50,739	44,799	2,016	2,803	1,121	167,510	116,771	38
411,683	29,000	69,314	263,896	49,473	.....	.....	405,908	400,273	4,045	1,590	.....	898,956	493,048	39
1,581,050	256,789	187,947	843,159	293,155	.....	.....	6,533,486	6,408,248	96,868	28,370	.....	13,939,150	7,405,664	40
(3)	(3)	(3)	(3)	(3)	.....	.....	(3)	(3)	(3)	(3)	.....	(3)	(3)	41
1,604,281	217,877	214,262	1,012,079	155,186	3,677	1,200	2,256,240	2,125,617	33,828	49,157	47,638	4,830,764	2,574,524	42
740,464	39,834	72,566	595,781	31,618	665	.....	1,032,471	1,001,779	6,034	13,626	11,032	2,218,361	1,185,890	43
1,710,195	126,837	174,819	1,318,885	89,654	.....	.....	2,770,405	2,525,827	173,987	70,591	.....	5,623,366	2,852,961	44
3,135,505	252,810	460,248	2,083,885	321,275	15,924	1,363	5,057,036	4,893,648	74,930	87,059	1,399	10,357,740	5,300,704	45
76,346	.....	8,697	65,911	1,738	.....	.....	57,018	53,415	2,506	1,097	.....	169,581	112,563	46
3,357,976	178,700	451,679	2,516,183	206,054	5,360	.....	4,748,109	4,365,419	235,155	144,733	2,802	11,494,623	6,746,514	47
2,661,816	242,401	324,624	1,652,443	422,752	8,827	10,769	3,763,637	3,231,090	470,964	60,819	764	8,636,749	4,873,112	48
9,205,653	201,289	2,512,760	5,579,373	910,699	1,168	364	7,986,960	7,623,549	248,769	112,522	2,120	21,330,677	13,343,717	49
3,913,498	192,935	581,360	2,785,699	353,504	.....	.....	2,324,077	2,129,027	109,291	85,759	.....	8,597,729	6,273,652	50
500,428	54,354	52,722	367,295	26,057	.....	.....	2,140,823	2,089,730	17,191	33,902	.....	3,299,040	1,158,217	51
13,403,880	508,311	1,953,318	10,116,514	703,660	112,102	9,975	10,629,080	8,339,893	1,089,551	964,730	234,906	31,137,477	20,508,397	52
238,935,177	2,132,814	31,461,219	199,562,752	3,114,269	2,618,170	45,953	506,214,361	451,803,602	42,063,718	10,743,705	1,603,336	886,313,248	380,098,887	53
1,764,755	65,600	288,621	1,288,580	79,517	42,437	.....	1,505,167	1,374,620	54,455	76,092	.....	5,039,790	3,534,623	54
5,002,205	282,811	618,471	3,520,777	569,546	.....	10,600	7,697,454	7,350,167	148,598	193,142	5,547	16,634,233	8,936,779	55
1,039,346	127,500	94,339	737,375	80,132	.....	.....	1,929,757	1,912,633	4,470	11,714	940	3,471,210	1,541,453	56
281,967	38,580	14,630	196,916	31,841	.....	.....	189,915	169,450	3,924	6,083	10,458	566,700	376,785	57
2,031,078	271,266	399,735	997,152	362,925	.....	.....	2,712,007	2,672,227	13,077	20,719	5,984	7,198,468	4,486,461	58
(3)	(3)	(3)	(3)	(3)	.....	(3)	(3)	(3)	(3)	(3)	.....	(3)	(3)	59
8,276,134	295,205	926,833	6,544,790	418,340	90,966	.....	5,771,232	4,085,495	1,419,449	266,288	.....	21,241,799	15,470,567	60
1,080,546	337,088	182,320	341,841	210,294	8,159	844	2,915,115	2,847,814	52,382	14,919	.....	6,031,959	3,116,844	61
393,595	14,992	53,812	278,763	44,242	1,786	.....	2,837,514	2,822,743	5,570	9,201	.....	3,744,287	906,773	62
9,916,230	490,850	1,094,423	7,341,299	901,897	65,894	21,867	8,418,034	8,122,964	111,022	173,885	10,163	23,739,854	15,321,820	63
3,777,807	182,250	633,890	2,398,811	278,050	281,826	2,980	17,506,732	17,285,902	103,000	108,785	9,045	23,057,613	5,550,881	64
4,597,875	272,065	559,954	3,100,361	649,026	6,078	10,391	15,467,441	15,037,697	118,010	311,734	.....	27,715,434	12,247,993	65
689,031	129,684	84,555	405,183	69,609	.....	.....	3,744,916	3,715,699	12,321	16,834	62	5,841,322	2,096,406	66
2,279,039	306,516	303,173	1,464,876	204,474	.....	.....	1,811,676	1,602,513	101,255	95,888	12,020	5,508,191	3,696,515	67
(3)	(3)	(3)	(3)	(3)	.....	.....	(3)	(3)	(3)	(3)	(3)	(3)	(3)	68
119,673	.....	1,876	114,380	3,417	.....	.....	46,334	40,931	1,396	3,462	545	283,880	237,546	69
166,972	29,908	8,684	110,706	15,646	1,163	865	765,018	758,898	277	3,916	1,927	1,074,986	309,968	70

TABLE 8.—GENERAL STATISTICS FOR

		INDUSTRY	*Number of establishments [1]	*Proprietors and firm members	PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS — Manufacturing — Total [1]	Salaried officers of corporations [2]	Salaried employees [2]	Wage earners (average for year) [3]	Distribution	Construction	Other
1	4	Trousers, overalls, work shirts, and washable service apparel	42	46	3,300	20	98	3,102	76	3	1
2	20	Umbrellas, parasols, and canes	13	9	886	18	74	770	24		
3	9	Upholstered household furniture	80	75	1,983	59	125	1,662	137		
4	9	Vegetable and animal oils, not elsewhere classified	4	2	63	6	3	32	20		2
5	9	Vegetable oils	7	11	619	2	37	549	11	20	
6	3	Vinegar and cider	4	1	39	2	7	27	3		
7	18	Vitreous-china plumbing fixtures	3		548	13	61	424	40	10	
8	14	Vitreous-enameled products, including kitchen, household, and hospital utensils	8		1,898	21	163	1,672	42		
9	18	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	7	2	173	9	12	69	82	1	
10	7	Wallpaper	9	3	1,185	15	89	1,000	81		
11	6	Window and door screens and weather strip	7	10	361	9	36	312	4		
12	6	Window shades	6	4	69	3	17	35	14		
13	14	Wire drawn from purchased rods	11		3,465	17	297	3,046	82	21	2
14	14	Wirework not elsewhere classified	54	32	3,143	52	354	2,643	91	3	
15	16	Wiring devices and supplies	18	1	2,248	48	298	1,689	192	17	4
16	4	Women's and misses' blouses and waists—made in contract factories	30	34	1,399	6	29	1,358	4	1	1
17	4	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors	21	30	1,419	11	75	1,247	86		
18	4	Women's and misses' clothing, not elsewhere classified—made in contract factories	16	15	892	1	26	864	1		
19	4	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	19	20	982	17	54	876	34	1	
20	4	Women's and misses' dresses (except house dresses)—made in contract factories	46	59	2,681	13	58	2,602	6	1	1
21	4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	62	69	4,958	41	211	4,516	185		5
22	4	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics	21	7	2,640	20	145	2,420	42		13
23	4	Women's, children's, and infants' underwear and nightwear of knitted fabrics	12	16	1,349	11	87	1,206	40		5
24	4	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	32	23	3,616	20	123	3,469	59	2	3
25	4	Women's neckwear, scarfs, etc.	3	4	48	2	2	43	1		
26	12	Women's pocketbooks, handbags, and purses	18	6	2,147	17	101	1,983	46		
27	6	Wooden boxes except cigar boxes	32	25	642	17	42	558	25		
28	6	Wood preserving	5		94	2	5	86	1		
29	6	Wood products not elsewhere classified	56	54	1,672	35	130	1,489	14	4	
30	17	Woodworking machinery	7		245	15	30	154	46		
31	3	Woolen and worsted manufactures—contract factories	13	7	723	8	53	659	2		1
32	3	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	91	34	13,304	159	799	12,150	183	9	4
33	20	Wool pulling	6	6	412	12	17	380	2	1	
34	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	68	66	4,198	44	203	3,846	101		4
35	4	Work gloves and mittens—cloth, cloth and leather combined	7	7	282	9	17	252	4		
36	4	Work shirts	13	4	1,034	5	46	958	14	1	10
37	14	Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills	10		4,150	13	319	3,785	32		1
38	16	X-ray and therapeutic apparatus and electronic tubes	4		50	7	13	27	3		
39		Other industries [6]	313	132	81,271	386	8,470	66,625	3,806	1,621	363
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]									
40	1	Food and kindred products	27	14	5,401	45	344	4,061	752	188	11
41	3	Textile-mill products and other fiber manufactures	28	10	11,650	40	735	10,257	421	60	137
42	4	Apparel and other finished products made from fabrics and similar materials	30	37	2,343	18	110	2,094	117	1	3
43	6	Furniture and finished lumber products	15	15	2,455	6	207	2,092	103	47	
44	9	Chemicals and allied products	22	4	9,562	15	736	8,544	25	242	
45	13	Stone, clay, and glass products	26	3	8,237	30	714	7,319	81	93	
46	14	Iron and steel and their products, except machinery	23	8	3,182	38	333	2,725	82	4	
47	15	Nonferrous metals and their products	25	12	8,951	27	1,177	6,518	625	508	96
48	16	Electrical machinery	21	8	8,421	31	1,630	5,994	611	54	101
49	17	Machinery (except electrical)	28	5	3,749	46	591	2,794	286	17	15
50	19	Transportation equipment except automobiles	27	4	9,247	35	721	8,316	88	87	
51	20	Miscellaneous industries	27	9	6,016	35	1,050	4,029	582	320	
52	5	Lumber and timber basic products	3		225	1	12	209	3		
53	12	Leather and leather products	6		1,242	13	63	1,159	7		
54	2	Tobacco manufactures	1								
55	10	Products of petroleum and coal	1	3	590	6	47	514	23		
56	11	Rubber products	1								
57	18	Automobiles and automobile equipment	2								

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of these figures are larger than the corresponding totals shown for "All industries."

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.
[2] Figures do not include data for personnel of central-administrative offices.
[3] Each of the averages in the "Wage earners" column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

THE STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
2,290,804	92,742	124,796	1,963,027	105,975	3,534	730	5,265,754	4,521,852	15,205	29,770	698,927	9,437,204	4,171,450	1
804,982	79,058	115,746	546,180	63,998	.....	.....	1,514,990	1,476,221	20,932	13,546	4,291	2,595,810	1,080,820	2
2,170,854	195,222	156,306	1,620,971	198,355	.....	.....	3,689,051	3,536,954	27,315	37,685	87,097	6,987,684	3,298,633	3
120,771	46,320	6,540	36,964	29,876	.....	1,071	485,556	469,549	11,151	4,856	.....	671,488	185,932	4
(5)	(5)	(5)	(5)	(5)	(5)	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	5
59,183	5,150	11,819	34,884	7,330	.....	.....	117,566	111,373	3,355	2,838	.....	194,278	76,712	6
(5)	(5)	(5)	(5)	(5)	(5)	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	7
1,981,722	166,977	278,071	1,490,679	45,995	.....	.....	2,369,096	2,061,686	183,690	88,266	35,454	5,589,796	3,220,700	8
223,457	36,594	25,960	53,905	105,793	1,205	.....	241,613	239,014	575	2,024	.....	637,890	396,277	9
1,792,857	84,501	193,143	1,319,124	196,089	.....	.....	2,522,366	2,431,007	62,177	27,339	1,843	5,485,273	2,962,907	10
466,687	27,825	56,931	377,150	4,781	.....	.....	701,892	687,619	4,312	9,961	.....	1,386,923	685,031	11
72,246	5,980	20,907	28,509	16,850	.....	.....	400,079	398,102	813	1,164	.....	545,056	144,977	12
5,350,501	201,759	661,992	4,282,270	183,742	18,496	2,242	12,074,681	11,541,350	243,293	278,038	12,000	25,522,566	13,447,885	13
3,914,258	291,163	642,566	2,817,841	157,119	5,569	.....	9,076,595	8,747,731	109,831	217,579	1,454	16,507,338	7,430,743	14
3,835,466	509,952	634,626	2,218,954	442,720	26,186	3,028	9,149,316	8,903,206	128,973	107,253	9,884	15,339,211	6,189,895	15
904,314	33,663	28,752	839,085	1,800	250	764	124,686	98,958	1,348	13,745	10,635	1,398,590	1,273,904	16
1,476,277	80,220	126,163	1,071,064	198,830	.....	.....	3,967,450	3,244,764	416	12,711	709,559	6,351,529	2,384,079	17
516,777	10,200	31,524	474,427	626	.....	.....	29,710	15,552	2,423	9,822	1,913	741,990	712,280	18
878,799	63,193	79,778	666,199	68,322	1,316	.....	2,270,532	2,096,959	1,842	11,699	160,032	3,911,487	1,640,955	19
1,646,857	53,689	83,233	1,494,488	12,723	2,000	724	153,097	64,176	8,245	25,035	55,641	2,368,863	2,215,766	20
5,033,317	186,744	346,849	4,183,881	312,344	.....	3,499	10,907,752	9,779,676	3,858	52,955	1,071,263	20,424,118	9,516,366	21
1,863,128	116,597	208,296	1,449,170	78,109	.....	10,956	4,289,923	4,159,069	10,037	27,708	93,109	7,254,619	2,964,696	22
1,056,740	51,040	122,859	794,109	82,983	.....	5,749	2,541,270	2,523,660	4,848	12,762	.....	4,338,027	1,796,757	23
2,279,185	91,326	151,397	1,947,294	85,676	825	2,667	5,981,302	5,795,778	7,164	32,352	146,008	9,715,157	3,733,855	24
(5)	(5)	(5)	(5)	(5)	.....	.....	(5)	(5)	.....	(5)	(5)	(5)	(5)	25
1,730,519	79,615	160,323	1,436,994	53,587	.....	.....	3,493,035	3,470,824	2,340	16,061	3,810	6,249,525	2,756,490	26
719,710	82,900	88,846	505,637	42,327	.....	.....	1,263,833	1,225,074	9,544	29,015	200	2,380,561	1,116,728	27
95,454	9,103	5,633	76,752	3,966	.....	.....	796,005	783,715	11,105	1,185	.....	949,893	153,888	28
1,554,785	117,870	178,440	1,232,349	21,661	4,465	.....	1,759,960	1,672,029	36,431	46,019	5,481	4,298,622	2,538,662	29
345,357	67,803	48,388	167,008	62,158	.....	.....	351,659	339,136	4,138	8,017	368	1,166,449	814,790	30
921,103	82,009	106,684	724,887	6,293	.....	1,230	132,139	78,263	34,167	19,002	707	1,322,236	1,190,097	31
15,401,655	1,159,897	1,631,250	12,054,917	517,382	33,856	4,353	48,119,564	46,776,835	541,045	398,025	403,659	73,667,348	25,547,784	32
599,098	78,780	42,417	472,366	3,835	1,700	.....	3,912,591	3,860,465	36,817	7,401	7,908	5,508,960	1,596,369	33
3,090,861	192,187	252,568	2,499,066	141,842	.....	5,198	7,865,456	7,651,936	16,713	47,034	149,773	12,406,428	4,540,972	34
204,998	14,934	32,467	149,870	7,727	.....	.....	405,701	387,235	1,682	4,784	12,000	670,283	264,582	35
658,346	23,000	59,164	537,486	26,449	785	11,462	1,514,938	1,470,946	6,667	13,541	23,784	2,715,986	1,201,048	36
6,076,753	110,965	707,069	5,188,091	69,428	.....	1,200	21,711,360	20,631,134	794,509	218,118	67,599	34,216,111	12,504,751	37
(5)	(5)	(5)	(5)	(5)	.....	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	38
119,124,933	2,870,017	17,420,493	86,469,027	9,320,599	2,620,143	424,654	233,295,672	223,257,455	5,720,000	3,077,193	1,241,024	452,942,128	219,646,456	39
7,298,046	423,789	610,922	4,348,025	1,651,301	250,281	13,728	35,478,312	34,806,164	476,021	196,127	.....	59,571,414	24,093,102	40
15,597,403	380,218	1,617,704	12,424,250	1,016,533	104,441	54,257	28,518,746	27,282,660	668,787	459,896	107,403	63,915,013	35,396,267	41
2,046,752	114,481	158,004	1,477,435	288,387	1,300	7,145	3,230,597	3,064,647	13,589	25,098	127,263	6,246,143	3,015,546	42
2,711,999	22,080	338,115	2,053,542	259,004	39,258	.....	4,402,407	4,057,277	89,392	23,032	232,706	8,677,440	4,275,033	43
12,345,710	133,830	1,735,908	10,063,054	45,221	367,697	.....	23,408,592	21,876,065	1,308,538	170,538	53,451	46,067,811	22,659,219	44
11,736,514	165,453	1,610,743	9,648,851	242,457	69,010	.....	14,958,845	12,682,265	1,548,755	724,568	3,257	39,221,436	24,262,591	45
4,595,165	241,579	508,109	3,624,096	215,134	6,247	.....	4,759,909	4,269,823	136,007	126,789	227,290	12,878,395	8,118,486	46
14,533,388	194,777	2,457,656	9,427,288	1,436,537	852,086	165,044	23,921,624	23,210,479	308,067	402,585	493	47,104,816	23,183,192	47
13,856,785	360,855	3,435,997	7,599,798	2,164,484	129,608	166,043	27,930,978	27,336,088	322,740	224,293	47,857	50,197,302	22,266,324	48
5,842,322	298,161	1,117,194	3,772,499	608,754	27,277	18,437	7,231,565	6,715,303	114,938	52,413	348,911	17,875,431	10,643,866	49
17,028,850	213,676	1,738,891	14,657,835	254,746	163,702	.....	27,542,035	26,436,146	552,571	461,483	91,835	53,401,275	25,859,240	50
8,884,540	212,712	1,873,373	5,168,459	1,020,760	609,236	.....	7,322,034	7,111,022	82,104	128,350	558	16,692,588	9,370,554	51
														52
														53
2,647,459	103,406	217,877	2,203,895	117,281	.....	.....	24,590,028	24,409,516	98,491	82,021	.....	31,093,064	6,503,036	54
														55
														56
														57

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[6] For numbers of establishments and of wage earners in individual industries, see table 12.

TABLE 9. GENERAL STATISTICS FOR

[This table presents, for the industrial areas, separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for for which combined figures are given, however, reported larger numbers of

		INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS[1] Total[3]	Salaried officers of corporations[2]	Manufacturing: Salaried employees[2]	Manufacturing: Wage earners (average for year)[3]	Distribution	Construction	Other
		PHILADELPHIA-CAMDEN INDUSTRIAL AREA									
1		All industries, total	6,082	4,553	394,909	5,259	28,433	321,725	25,482	2,663	1,447
2	9	Abrasive wheels, stones, paper, cloth, and related products	8		764	20	107	468	87	3	19
3	22	Agricultural machinery (except tractors)	5		405	12	40	322	31		
4	9	Aircraft and parts, including aircraft engines	5	1	800	19	159	612	10		
5	17	Alloying and rolling and drawing of nonferrous metals, except aluminum	17	3	1,543	29	131	1,222	99	53	9
6	15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	1	1	52	7	2	42	3		
7	3	Asbestos products (except steam packing and pipe and boiler covering)	7	1	750	11	53	588	98		
8	6	Baskets for fruits and vegetables	1	3	207	4	15	182	6		
9	9	Batteries, storage and primary (dry and wet)	5		2,667	8	429	2,080	148	2	
10	8	Bedding, pillows, and wadding, upholstery filling	5	2	350	8	22	271	48		1
11	4	Belts (apparel), regardless of material	6	10	208		15	190	3		
12	1	Biscuit, crackers, and pretzels	21	20	1,881	24	141	1,478	189	17	39
13	9	Boat building and boat repairing	4	5	11			11			
14	4	Bolts, nuts, washers, and rivets (made in plants not operated in connection with rolling mills)	7	1	328	8	50	258	12		
15	9	Bone black, carbon black, and lampblack	3		107	3	11	60	19	10	4
16	8	Bookbinding and related industries	61	51	1,516	43	160	1,314	59		
17	8	Books (printing without publishing)	34	23	631	34	76	484	37		
18	8	Books: publishing and printing	7	2	1,213	15	269	690	239		
19	8	Books: publishing without printing	14	7	157	13	81	14	49		
20	12	Boot and shoe cut stock and findings	6	9	330	5	30	282	13		
21	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	578	623	10,201	39	545	8,118	1,206	66	227
22	3	Brick and hollow structural tile	13	2	522	15	17	465	24	1	
23	20	Brooms	9	11	144		6	133	5		
24	20	Brushes	15	9	181	8	32	123	18		
25	20	Buttons	9	5	236	6	10	216	4		
26	1	Candy and other confectionery products	61	46	4,020	59	167	3,323	446	16	9
27	1	Cane-sugar refining	3		2,466	14	236	2,016	63	5	132
28	1	Canned and dried fruits and vegetables (including canned soups)	16	5	4,741	22	398	4,205	102	11	3
29	4	Canvas products (except bags)	17	15	299	12	30	244	13		
30	20	Carbon paper and inked ribbons	3	1	213	6	49	126	27	5	
31	8	Carpets and rugs, wool	15	5	3,475	32	316	2,977	133	16	1
32	8	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	14	12	442	10	32	391	8	1	
33	8	Carpet yarn, woolen and worsted	15	5	2,941	28	177	2,678	57	1	
34	19	Cars and car equipment (railroad, street, and rapid-transit)	4		1,587	8	293	1,256	30		
35	6	Caskets, coffins, burial cases, and other morticians' goods	15	10	372	15	29	249	78		1
36	14	Cast-iron pipe and fittings	6		1,947	7	183	1,693	64		
37	1	Cheese	4	1	26			26			
38	9	Chemicals not elsewhere classified	25	4	3,108	17	464	2,328	95	187	17
39	4	Children's coats—made in inside factories or by jobbers engaging contractors	3	2	93	2	4	73	14		
40	4	Children's dresses—made in contract factories	17	19	652	3	11	638			
41	4	Children's dresses—made in inside factories or by jobbers engaging contractors	26	16	3,826	17	233	3,383	191	1	1
42	4	Children's and infants' wear not elsewhere classified (made in inside factories or by jobbers engaging contractors)[6]	7	6	509	3	13	473	20		
43	1	Chocolate and cocoa products	3		523	6	7	479	27	2	2
44	6	Cigar boxes (wooden, part wooden)	5	4	233		6	225	2		
45	2	Cigars	38	30	9,933	23	405	9,356	112	10	27
46	13	Clay refractories, including refractory cement (clay)	5	3	196	5	18	157	16		
47	9	Cleaning and polishing preparations, blackings, and dressings	20	8	1,056	34	214	572	236		
48	7	Coated and glazed paper	8	4	210	5	24	152	22	4	3
49	4	Coats, suits, and skirts (except fur coats) (made in contract factories)	10	10	633	5	16	610	2		
50	4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	30	35	1,067	14	61	942	43		7
51	9	Colors and pigments	5	3	86	4	4	74	3		1
52	16	Communication equipment	9	1	1,537	15	182	1,280	46	14	
53	9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	10		300	2	26	203	69		
54	13	Concrete products	44	28	580	26	50	397	100	6	1
55	17	Construction and similar machinery (except mining and oil-field machinery and tools)	7		264	13	44	185	21		1
56	7	Converted paper products not elsewhere classified	17	5	743	26	96	558	63		
57	6	Cooperage	10	5	204	7	10	182	5		
58	3	Cordage and twine	5	1	1,108	9	70	962	67		
59	4	Corsets and allied garments	6	6	149	3	5	120	21		
60	3	Cotton broad woven goods	48	16	2,819	52	170	2,533	57	7	
61	3	Cotton narrow fabrics	17	7	1,738	27	117	1,553	41		

See footnotes at end of table.

INDUSTRIAL AREAS, BY INDUSTRIES: 1939

individual establishments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries wage earners or larger values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
PHILADELPHIA-CAMDEN INDUSTRIAL AREA														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
557,510,494	34,048,216	77,325,879	387,115,110	51,979,344	5,294,058	1,747,887	1,252,248,479	1,179,299,975	32,285,789	15,391,466	25,271,249	2,292,960,250	1,040,711,771	1
1,318,651	114,723	227,657	679,955	266,177	6,096	24,043	1,249,183	1,156,359	68,003	24,821	------	3,658,567	2,409,384	2
451,461	43,136	61,027	298,580	48,718	------	------	586,781	562,669	10,800	13,312	------	1,544,820	958,039	3
1,171,331	86,500	309,900	761,492	13,439	------	------	680,384	614,762	19,072	20,076	26,474	1,952,580	1,272,196	4
2,338,869	239,668	266,718	1,563,556	174,614	85,025	9,288	7,461,120	7,157,960	171,205	117,609	14,346	11,359,733	3,898,613	5
68,811	13,900	1,650	49,777	3,484	------	------	56,192	48,260	4,157	3,775	------	145,826	89,634	6
(5)	(5)	(5)	(5)	(5)	------	------	(5)	(5)	(5)	(5)	------	(5)	(5)	7
186,516	21,383	22,557	132,921	9,655	------	------	211,397	203,846	3,150	4,401	------	442,191	230,794	8
(5)	(5)	(5)	(5)	(5)	(5)	------	(5)	(5)	(5)	(5)	------	(5)	(5)	9
470,896	91,830	38,122	265,887	73,588	------	1,469	1,246,309	1,190,898	33,757	21,654	------	2,090,787	844,478	10
159,357	------	26,740	128,417	4,200	------	------	411,501	402,650	296	2,180	6,375	737,364	325,863	11
2,206,102	116,861	219,875	1,520,736	267,933	34,745	45,952	3,903,716	3,747,207	130,711	25,798	------	9,674,829	5,771,113	12
10,518	------	------	10,518	------	------	------	12,087	11,645	35	407	------	30,462	18,375	13
(5)	(5)	(5)	(5)	(5)	------	------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	14
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	------	(5)	(5)	15
1,648,498	206,400	170,709	1,173,781	97,608	------	------	1,178,150	823,029	3,482	31,193	320,446	3,940,809	2,762,659	16
1,027,942	140,141	157,246	640,263	90,292	------	------	751,059	675,148	7,018	24,309	44,584	2,258,290	1,507,231	17
2,181,085	216,014	439,866	1,019,161	506,044	------	------	2,064,593	1,519,287	6,630	23,551	515,125	6,508,275	4,443,682	18
323,980	65,963	117,103	23,025	117,889	------	------	359,332	133,456	637	1,217	224,022	1,004,607	645,275	19
393,008	8,949	47,180	304,709	32,170	------	------	1,462,593	1,440,966	11,059	10,508	60	2,068,031	605,438	20
14,494,078	197,147	1,038,535	11,004,953	1,808,300	100,228	344,915	21,759,787	20,698,771	638,715	422,301	------	49,908,868	28,149,081	21
616,032	60,382	27,681	491,894	33,917	2,158	------	374,563	81,837	256,474	35,928	324	1,344,613	970,050	22
130,176	------	7,270	116,202	6,704	------	------	204,317	200,428	650	3,239	------	403,603	199,286	23
225,243	20,935	43,967	106,967	53,374	------	------	452,884	443,915	4,699	3,251	1,019	847,168	394,284	24
200,263	19,590	23,734	140,072	16,867	------	------	283,038	270,628	3,074	7,877	1,459	725,763	442,725	25
4,458,960	408,785	284,222	2,993,373	715,854	45,767	10,959	9,173,075	8,955,151	117,901	100,023	------	18,386,981	9,213,906	26
3,419,889	131,300	524,976	2,554,246	104,665	17,996	86,706	49,990,896	49,186,751	803,689	456	------	59,941,226	9,950,330	27
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	------	(5)	(5)	28
339,366	52,761	51,844	214,759	20,002	------	------	777,760	768,786	1,695	4,126	3,153	1,333,033	555,273	29
(5)	(5)	(5)	(5)	(5)	(5)	------	(5)	(5)	(5)	(5)	------	(5)	(5)	30
4,949,605	269,879	503,649	3,804,995	344,222	26,147	713	9,618,805	9,161,157	189,115	67,373	201,160	17,519,787	7,900,982	31
408,395	45,608	52,170	299,614	9,521	1,482	------	852,624	808,397	12,913	12,037	19,277	1,562,512	709,888	32
(5)	(5)	(5)	(5)	(5)	(5)	------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	33
(5)	(5)	(5)	(5)	(5)	------	------	(5)	(5)	(5)	(5)	------	(5)	(5)	34
548,709	65,222	50,540	269,253	161,769	------	1,925	479,282	429,448	14,503	6,564	28,767	1,482,549	1,003,267	35
2,951,055	102,135	424,674	2,235,781	188,465	------	------	4,197,051	3,726,317	337,594	133,140	------	8,701,956	4,504,905	36
28,985	------	------	28,985	------	------	------	315,389	306,691	5,357	3,341	------	427,629	112,240	37
5,337,765	96,464	1,141,004	3,782,156	160,086	143,230	14,825	15,731,046	14,615,658	918,241	196,837	310	30,839,192	15,108,146	38
(5)	(5)	(5)	(5)	(5)	------	------	(5)	(5)	(5)	(5)	------	(5)	(5)	39
355,438	6,530	9,351	339,557	------	------	------	69,533	59,899	1,851	7,783	------	581,562	512,029	40
3,415,222	238,475	342,666	2,615,489	216,288	1,783	521	3,895,440	3,445,040	9,365	37,934	403,101	10,632,102	6,736,662	41
417,851	4,620	9,883	375,117	28,231	------	------	597,117	545,275	1,518	4,336	45,988	1,188,994	591,877	42
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	------	(5)	(5)	43
193,988	------	11,140	178,584	4,264	------	------	186,430	177,804	2,780	5,846	------	468,270	281,840	44
8,230,915	156,783	809,340	6,946,554	278,345	16,038	23,855	19,012,915	18,850,688	54,031	106,619	1,577	38,583,540	19,570,625	45
289,812	48,923	34,986	163,381	42,522	------	------	360,655	314,512	34,254	11,889	------	914,198	553,543	46
1,524,864	215,134	261,253	574,355	474,122	------	------	2,715,679	2,655,284	31,945	28,450	------	5,562,824	2,847,145	47
322,225	18,308	54,321	191,355	51,996	4,588	1,657	1,303,409	1,274,024	13,321	16,064	------	1,924,310	620,901	48
642,747	12,400	24,247	604,160	1,940	------	------	44,982	33,368	3,067	7,455	1,152	786,805	741,823	49
1,436,156	52,397	103,061	1,216,866	57,909	------	5,923	4,019,726	3,848,937	1,633	19,783	149,373	6,573,610	2,553,884	50
143,353	27,120	11,287	99,073	5,273	------	600	256,955	226,924	17,259	12,772	------	474,365	217,410	51
1,847,442	115,905	312,820	1,296,695	102,132	19,890	------	1,215,201	1,181,070	6,890	27,035	206	4,045,647	2,830,446	52
573,776	25,000	53,337	319,085	176,354	------	------	775,089	588,433	3,838	182,818	------	2,810,350	2,035,261	53
801,935	102,089	81,642	444,609	163,639	9,853	103	2,426,825	2,348,620	32,746	42,983	2,476	4,675,117	2,248,292	54
378,109	58,465	67,140	216,483	35,656	------	365	436,576	417,077	8,757	10,742	------	1,161,094	724,518	55
943,013	178,182	118,127	491,379	155,325	------	------	1,892,443	1,861,618	11,326	19,499	------	3,628,195	1,735,752	56
241,590	20,900	22,387	194,233	4,070	------	------	796,437	782,639	7,110	6,688	------	1,216,993	420,556	57
1,235,306	172,803	120,511	801,555	140,437	------	------	1,846,576	1,764,202	28,822	53,552	------	4,632,623	2,786,047	58
140,873	12,000	10,788	89,655	28,430	------	------	206,657	204,468	550	1,639	------	523,738	317,081	59
3,667,010	375,235	313,252	2,780,045	185,738	12,740	------	7,556,744	7,293,045	133,919	97,080	32,700	13,437,490	5,880,746	60
1,776,549	217,995	146,644	1,313,659	98,251	------	------	2,301,855	2,218,130	48,114	35,611	------	5,022,946	2,721,091	61

TABLE 9.—GENERAL STATISTICS FOR

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [1]	Distribution	Construction	Other
		PHILADELPHIA-CAMDEN INDUSTRIAL AREA Continued									
1	3	Cotton yarn	8	11	294	2	25	254	8	5	.
2	1	Creamery butter	16	13	36		3	29	4		..
3	1	Cured fish [5]	5	5	79	1	6	62	10		....
4	4	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	10	12	563	6	29	498	30		..
5	14	Cutlery (except aluminum, silver, and plated cutlery and edge tools	6	7	91	5	8	78	.		.
6	20	Dental equipment and supplies	19	9	1,188	16	119	1,011	41	1	.
7	7	Die-cut paper and paperboard, and converted cardboard	11	8	370	24	40	271	33	2	
8	9	Drugs and medicines (including drug grinding)	47	11	3,190	77	550	2,000	545	12	6
9	3	Dyeing and finishing cotton, rayon, silk, and linen textiles	37	12	3,954	65	377	3,378	107	3	24
10	16	Electrical appliances	5		379	11	36	326	6		
11	16	Electrical measuring instruments	3	2	71	4	8	35	4		.
12	16	Electrical products not elsewhere classified	5		146	13	18	108	6	1	.
13	16	Electroplating, plating, and polishing	19	21	257	12	24	197	11	8	5
14	8	Electrotyping and stereotyping, not done in printing establishments	9	3	472	9	50	391	22		. .
15	7	Elevators, escalators, and conveyors	14	5	1,460	17	104	850	350	83	56
16	4	Embroideries, other than Schiffli machine products—contract factories	9	10	122	.	3	118	1		.. .
17	4	Embroideries: Schiffli-machine products	6	6	89	5	5	74	5		. . ..
18	14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	21	7	1,604	24	172	1,307	95	6	..
19	8	Engraving, steel, copperplate, and wood . plate printing	26	19	950	23	112	755	60		. ..
20	20	Fabricated plastic products, not elsewhere classified	9	6	1,226	11	112	1,057	39	7	.....
21	14	Fabricated structural steel and ornamental metal work, made in plant not operated in connection with rolling mills	44	21	2,451	45	152	2,194	60		.. ...
22	20	Feathers, plumes, and artificial flowers	8	7	328	5	18	288	17	...	. ..
23	3	Felt goods, wool, hair, and jute (except woven felts and hat bodies and hats)	4	1	218	6	16	183	13		.....
24	9	Fertilizers	7	2	484	9	42	384	44	4	1
25	7	Fiber cans, tubes, and similar products	11	6	268	9	14	233	12	...	. ..
26	14	Files	4		761	4	51	680	16	10	.....
27	3	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	8	5	341	11	20	279	31		.... .
28	9	Fireworks	4	1	78	4	3	67	4		.....
29	1	Flavoring extracts and flavoring sirups, not elsewhere classified	21	10	265	22	39	108	96	...	. ... .
30	1	Flour and other grain-mill products	14	18	94	2	13	72	4	.	3
31	1	Food preparations, not elsewhere classified	32	25	290	26	27	188	47	..	2
32	17	Food-products machinery	17	6	350	20	35	261	34		... .
33	12	Footwear (except rubber)	24	19	2,478	32	182	2,196	67	1	.
34	14	Forgings, iron and steel—made in plants not operated in connection with rolling mills	10	2	1,166	24	144	953	45	.	.....
35	4	Fur coats and other fur garments, accessories, and trimmings	27	31	119	3	6	78	32	. .	....
36	20	Furs, dressed and dyed	3	7	43	..	2	40	1	.	.. .
37	14	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	3	1	275	5	12	246	10	2	. .....
38	20	Games and toys (except dolls and children's vehicles)	17	18	361	7	30	298	26	..	.....
39	8	General commercial (job) printing	329	308	6,053	193	754	4,655	448	3	.....
40	16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	13	7	3,395	20	1,189	2,051	99		36
41	9	Glue and gelatin	8	3	364	15	51	230	44	21	3
42	15	Gold and silver leaf and foil	3	4	160		7	141	12	. . . .	....
43	14	Gray-iron and semisteel castings	25	7	1,049	34	65	936	13	1	.
44	9	Grease and tallow (except lubricating greases)	11	9	426	14	34	314	58	6	.. ...
45	8	Greeting cards (except hand-painted) [5]	9	6	656	12	50	575	19	.	.... .
46	20	Hand stamps, stencils, and brands	16	20	224	9	23	173	19	. ...	
47	14	Hardware not elsewhere classified	12	8	438	10	52	321	55		.
48	14	Heating and cooking apparatus, except electric, not elsewhere classified	6	3	446	4	57	376	9	.	. . . .
49	3	Hosiery—full-fashioned	161	102	17,968	177	670	16,886	180	45	10
50	3	Hosiery—seamless	21	16	2,108	19	126	1,915	43	5	.....
51	4	House dresses, uniforms, and aprons—made in contract factories	23	26	927	2	16	907	1		1
52	4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	30	32	1,239	12	46	1,126	54	. .	1
53	4	Housefurnishings (except curtains, draperies, and bedspreads)	27	19	735	27	52	613	41	. .	2
54	6	Household furniture, except upholstered	45	32	1,515	41	90	1,326	51	6	1
55	1	Ice cream and ices	43	36	1,623	10	69	644	730	76	94
56	1	Ice, manufactured	81	14	723	56	100	466	93	1	7
57	12	Industrial leather belting and packing leather	18	17	321	7	42	245	27		.. ..
58	17	Industrial machinery, not elsewhere classified	27	6	1,679	41	405	1,158	75	. .	.... .
59	9	Insecticides, fungicides, and related industrial and household chemical compounds	33	22	442	23	74	220	125	.	.
60	15	Jewelry (precious metals)	33	33	313	7	42	229	33	.	2
61	3	Knitted cloth	16	8	1,365	27	140	1,184	14	. .	. ....
62	3	Knitted outerwear (except knit gloves)—contract factories	5	4	65	1	3	61	..	...	..
63	3	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	59	51	3,635	69	201	3,235	117	3	10
64	3	Knitted underwear	16	9	2,289	27	112	2,138	12	. ..	. . .
65	6	Laboratory, hospital, and other professional furniture	6	6	37	..	6	26	5	. . .. ..	

See footnotes at end of table.

INDUSTRIAL AREAS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing: Salaries [2]	Manufacturing: Wages	Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture	
PHILADELPHIA-CAMDEN INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
296,685	7,220	48,137	213,331	27,997	.....	.....	1,230,031	1,210,324	1,868	17,839	.....	1,723,664	493,633	1
39,504	.....	5,335	28,169	6,000	.....	.....	312,221	297,700	6,874	7,647	.....	399,733	87,512	2
96,053	10,500	9,515	51,803	24,235	.....	.....	641,440	629,087	5,120	7,233	.....	820,127	178,687	3
(5)	(5)	(5)	(5)	(5)	.....	.....	(5)	(5)	.....	(5)	(5)	(5)	(5)	4
96,780	7,003	11,988	77,789	.....	.....	.....	61,998	51,685	7,329	2,984	.....	209,437	147,439	5
1,617,588	128,926	322,151	1,105,700	58,792	2,019	.....	778,377	741,894	19,881	16,602	.....	3,547,169	2,768,792	6
535,284	101,512	60,839	295,047	74,915	2,971	.....	845,707	819,185	23,000	3,522	.....	1,794,373	948,666	7
4,610,384	566,987	1,051,542	2,020,855	944,998	20,270	5,732	10,420,819	10,078,335	188,406	125,570	28,508	27,132,813	16,711,994	8
5,444,547	579,044	719,684	3,808,245	302,425	6,724	28,425	12,648,674	11,880,501	604,712	163,461	.....	21,686,923	9,038,249	9
540,411	35,801	81,617	405,289	17,704	.....	.....	917,272	898,667	5,318	13,287	.....	1,975,273	1,058,001	10
(5)	(5)	(5)	(5)	(5)	.....	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	11
215,920	67,420	36,675	102,685	8,495	645	.....	214,574	209,461	816	4,297	.....	565,733	351,159	12
283,097	35,365	32,260	186,194	13,499	3,638	12,141	137,912	106,972	10,551	17,565	2,824	576,124	438,212	13
1,077,119	77,920	113,543	830,077	55,579	.....	.....	312,049	255,355	20,292	31,558	4,844	1,950,149	1,638,100	14
2,763,623	92,245	221,412	1,567,808	592,695	208,572	80,891	2,285,330	2,158,612	20,948	36,831	68,939	6,567,940	4,282,610	15
104,332	.....	3,748	98,764	1,820	.....	.....	38,681	30,524	189	1,747	6,221	202,978	164,297	16
75,427	6,737	6,398	56,032	6,260	.....	.....	74,949	71,497	1,544	1,651	257	204,733	129,784	17
2,545,216	111,814	352,744	1,844,591	226,111	9,956	.....	4,077,174	3,675,985	115,729	125,593	159,867	8,608,399	4,531,225	18
(5)	(5)	(5)	(5)	(5)	.....	.....	(5)	(5)	(5)	(5)	(5)	(5)	(5)	19
1,757,975	81,027	221,410	1,326,360	116,704	12,474	.....	2,284,138	2,005,264	170,167	104,507	4,200	5,940,805	3,656,667	20
3,774,778	216,307	330,135	3,152,567	75,769	.....	.....	11,664,194	11,183,528	50,605	107,143	322,918	16,686,768	5,022,574	21
291,697	51,691	22,734	197,578	19,694	.....	.....	339,846	328,619	6,834	4,393	.....	873,540	533,694	22
(5)	(5)	(5)	(5)	(5)	.....	.....	(5)	(5)	(5)	(5)	(5)	(5)	(5)	23
622,610	37,958	80,847	372,114	118,352	9,701	3,638	2,355,047	2,312,848	27,846	14,353	.....	3,045,194	690,147	24
315,969	22,136	37,290	232,233	24,310	.....	.....	621,651	605,217	7,023	9,411	.....	1,441,846	820,195	25
1,076,063	20,220	164,973	825,874	52,256	12,740	.....	544,060	446,630	79,797	17,633	.....	2,453,209	1,909,149	26
(5)	(5)	(5)	(5)	(5)	.....	.....	(5)	(5)	(5)	(5)	(5)	(5)	(5)	27
62,713	7,600	3,969	46,624	4,520	.....	.....	70,613	67,706	1,597	1,310	.....	160,930	90,317	28
478,187	119,241	71,796	120,179	166,971	.....	.....	997,193	974,192	13,084	9,534	383	4,017,601	3,020,408	29
80,711	3,968	17,084	53,819	4,330	.....	1,510	525,729	515,019	8,870	1,840	.....	684,732	159,003	30
351,173	88,266	33,726	167,252	59,144	.....	2,785	1,547,830	1,512,550	24,042	11,238	.....	2,315,208	767,378	31
445,345	58,256	54,521	293,423	39,145	.....	.....	494,864	467,993	16,872	7,773	2,226	1,262,472	767,608	32
2,544,686	142,430	272,467	1,966,477	161,912	1,400	.....	3,223,710	3,178,177	17,181	28,352	.....	6,905,096	3,681,386	33
2,244,487	289,934	371,424	1,436,554	146,575	.....	.....	3,031,159	2,645,154	322,416	55,789	7,800	7,236,172	4,205,013	34
221,313	22,400	3,422	158,598	36,893	.....	.....	446,377	425,240	1,463	6,010	13,664	882,950	436,573	35
(5)	.....	(5)	(5)	(5)	.....	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	36
(5)	(5)	(5)	(5)	(5)	(5)	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	37
321,511	27,174	41,017	185,449	67,871	.....	.....	698,982	688,268	2,318	8,396	.....	1,262,758	563,776	38
9,041,335	894,519	1,149,216	6,109,403	880,397	7,800	.....	7,482,309	6,515,008	88,228	191,419	687,654	21,789,066	14,306,757	39
(5)	(5)	(5)	(5)	(5)	.....	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	40
676,344	123,512	103,103	281,482	132,443	32,750	3,054	1,316,832	1,167,693	142,217	6,922	.....	2,606,951	1,290,119	41
(5)	.....	(5)	(5)	(5)	.....	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	42
1,413,813	136,912	107,133	1,145,643	22,795	1,330	.....	930,273	808,841	77,778	42,669	985	2,576,541	1,646,268	43
621,759	68,494	69,114	372,685	102,491	8,975	.....	2,653,845	2,552,428	69,571	31,846	.....	4,013,913	1,360,068	44
707,009	108,625	76,671	438,711	83,002	.....	.....	704,389	588,890	225	7,517	107,757	1,769,775	1,065,386	45
253,961	25,628	34,704	172,336	21,293	.....	.....	162,975	148,264	5,284	5,977	3,450	585,955	422,980	46
750,522	103,578	93,028	457,344	96,572	.....	.....	1,004,261	906,523	16,429	15,644	65,665	2,190,206	1,185,945	47
(5)	(5)	(5)	(5)	(5)	.....	.....	(5)	(5)	(5)	(5)	(5)	(5)	(5)	48
21,116,918	968,668	1,306,336	18,452,759	315,522	61,435	12,198	21,230,406	19,169,969	252,524	344,768	1,463,145	49,656,284	28,425,878	49
1,822,275	131,445	179,944	1,432,810	74,185	3,891	.....	2,285,571	2,002,531	34,602	27,425	221,013	4,895,379	2,609,808	50
489,328	4,000	19,222	465,390	60	.....	656	32,239	16,446	2,257	11,716	1,820	648,295	616,056	51
945,004	43,816	62,278	767,056	71,354	.....	560	2,708,276	2,491,843	899	16,175	199,359	4,425,624	1,717,348	52
641,013	129,270	65,838	408,669	36,188	.....	1,048	2,156,233	2,130,393	8,824	13,701	3,315	3,291,461	1,135,228	53
1,691,747	216,230	175,328	1,207,941	76,908	14,820	520	3,535,173	3,458,491	21,669	44,981	10,032	6,211,137	2,675,964	54
2,670,284	48,346	138,538	776,266	1,444,161	127,093	135,880	7,639,234	7,427,379	68,246	143,609	.....	17,226,305	9,587,071	55
1,139,319	218,951	181,335	606,856	123,039	1,213	7,925	735,144	125,527	56,086	553,531	.....	3,786,703	3,051,559	5
474,471	32,080	83,960	301,596	56,835	.....	.....	1,440,158	1,419,095	8,764	12,199	100	2,663,491	1,223,333	5
2,981,852	215,265	752,506	1,805,080	209,001	.....	.....	3,154,214	2,959,604	52,980	37,076	104,554	8,283,673	5,129,459	5
680,242	101,524	125,574	229,212	223,411	521	.....	1,218,363	1,165,730	35,321	17,164	148	3,227,637	2,009,274	59
445,518	46,525	64,949	262,678	70,230	.....	1,136	688,574	663,822	1,192	6,081	17,479	1,428,144	739,570	60
2,159,752	339,460	334,132	1,441,543	44,617	.....	.....	5,200,636	5,011,904	124,591	42,472	21,669	8,808,087	3,607,451	61
56,733	4,065	2,521	50,147	.....	.....	.....	1,402	100	60	1,096	146	77,896	76,494	62
3,888,776	305,996	342,887	2,970,273	254,324	3,338	11,958	9,620,813	9,287,461	13,394	60,510	259,448	17,318,616	7,697,803	63
1,967,418	190,872	223,383	1,525,363	27,800	.....	.....	3,483,499	3,324,861	27,854	32,653	98,131	6,064,610	2,581,111	64
(5)	.....	(5)	(5)	(5)	.....	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	65

TABLE 9.—GENERAL STATISTICS FOR

Group		Industry	*Number of establishments	*Proprietors and firm members	*Persons employed in manufacturing establishments: Total [1]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
		PHILADELPHIA-CAMDEN INDUSTRIAL AREA—Continued									
1	20	Lamp shades [1]	16	10	512	10	22	457	23		
2	17	Lapidary work	7	9	14			14			
3	12	Leather goods not elsewhere classified	3	8	51		1	50			
4	2	Leather tanned, curried, and finished—regular factories or jobbers engaging contractors*	25	2	5,308	53	254	4,908	61	32	
5	15	Lighting fixtures	36	21	1,141	27	68	940	101		5
6	13	Lime	7	2	418	8	25	367	7		11
7	8	Linoleum, asphalted-felt-base and other hard-surface floor coverings, not elsewhere classified	4		1,447	3	111	1,323	8	2	
8	1	Liquors, distilled	4		156		27	128	1		
9	8	Lithographing and photolithographing (including preparation of stones or plates and dry transfers)	30	22	1,599	49	189	1,201	154	6	
10	9	Lubricating oils and greases—not made in petroleum refineries	15	2	606	23	165	364	95	15	4
11	1	Macaroni, spaghetti, vermicelli, and noodles	5	1	392	11	21	326	34		
12	8	Machine (and hand) typesetting (including advertisement typesetting)	28	24	799	24	115	618	42		
13	17	Machine-shop products, not elsewhere classified	90	52	2,747	101	365	1,993	249	37	2
14	17	Machine-shop repairs	36	46	216	10	20	178	6		2
15	17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	22	24	397	11	40	327	16		3
16	17	Machine tools	7	2	628	12	125	459	32		
17	1	Malt liquors	16	3	1,644	40	136	851	588	24	5
18	6	Mattresses and bedsprings	30	30	402	16	30	300	56		
19	17	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	5		1,202	9	139	1,005	40	2	7
20	1	Meat packing, wholesale	50	40	3,241	50	203	2,126	782	35	45
21	17	Mechanical power-transmission equipment	19	9	3,073	40	440	2,279	253		61
22	4	Men's and boys' hats and caps (except felt and straw)	17	18	328	13	15	290	8		2
23	4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in contract factories	9	6	734	4	11	716	3		
24	4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	32	23	2,922	28	134	2,628	121	5	6
25	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	111	138	7,627	28	169	7,417	8	1	4
26	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	141	141	10,752	121	595	9,356	646	2	32
27	4	Men's and boys' underwear—made in inside factories or by jobbers engaging contractors	6	3	287	3	13	269	2		
28	4	Men's neckwear—made in inside factories or by jobbers engaging contractors	21	21	516	14	27	427	47		1
29	17	Metalworking machinery and equipment, not elsewhere classified	3		152	10	15	112	14		1
30	14	Millinery	14	14	554	14	22	486	32		
31	13	Minerals and earths, ground or otherwise treated	6		151	3	14	130	3	1	
32	13	Mirrors and other glass products made of purchased glass	29	26	537	11	47	458	21		
33	20	Miscellaneous fabricated products not elsewhere classified	14	12	557	9	18	319	11		
34	4	Miscellaneous fabricated textile products not elsewhere classified	18	15	530	22	39	444	25		
35	20	Models and patterns (except paper patterns)	18	25	132	6	10	113	3		
36	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	33	38	179	10	24	122	23		
37	18	Motor vehicles, motor-vehicle bodies, parts and accessories	33	25	10,349	57	969	9,128	195		
38	20	Needles, pins, hooks and eyes, and slide and snap fasteners	4	1	534	8	21	466	35	4	
39	8	Newspapers: publishing and printing	87	55	7,193	75	1,789	3,445	1,884		
40	8	Newspapers: publishing without printing	27	16	142	9	98	25	10		
41	1	Nonalcoholic beverages	80	68	1,049	37	66	441	494	2	9
42	13	Nonclay refractories	3		472	5	60	406	1		
43	15	Nonferrous-metal foundries (except aluminum)	24	21	379	21	28	310	18		2
44	15	Nonferrous-metal products not elsewhere classified	17	12	1,030	13	115	883	10	9	
45	17	Office and store machines not elsewhere classified	3	1	35	2	5	25	3		
46	6	Office furniture	5	4	278	9	23	227	19		
47	14	Oil burners, domestic and industrial	5	1	145	13	16	41	74		1
48	13	Oven coke and coke-oven byproducts	3		1,167	4	107	927	108		21
49	9	Paints, varnishes, and lacquers	68	37	2,511	84	445	1,507	465		10
50	7	Paper and paperboard mills	28	3	6,574	52	728	5,254	426	91	23
51	7	Paperboard containers and boxes not elsewhere classified	78	49	4,413	98	281	3,788	239	7	
52	6	Partitions, shelving, cabinet work, and office and store fixtures	37	24	886	36	78	690	78		4
53	10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	7		126	1	17	105	3		
54	20	Pens, mechanical pencils, and pen points	4		775	12	63	619	81		
55	9	Perfumes, cosmetics, and other toilet preparations	13	10	204	13	25	148	10	2	5
56	8	Periodicals: publishing and printing	27	12	4,421	33	1,222	2,945	221		
57	8	Periodicals: publishing without printing	52	13	696	36	327	21	312		
58	10	Petroleum refining	6		9,519		1,189	7,156	128	951	95
59	8	Photoengraving, not done in printing establishments (including preparation of plates)	23	27	671	40	70	475	84		2
60	1	Pickled fruits and vegetables and vegetable sauces and seasonings	15	16	323	6	38	229	46	1	3

See footnotes at end of table.

INDUSTRIAL AREAS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
		Manufacturing												
Total [2]	Salaries of officers of corporations [2]	Salaries [2]	Wages	Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
PHILADELPHIA-CAMDEN INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
321,328	29,230	25,225	248,785	18,088	.....	.....	633,213	622,012	143	3,818	7,240	1,172,893	539,680	1
20,879	.....	.....	20,879		.....	.....	130,703	130,099	9	595	.....	213,038	82,335	2
33,943	.....	3,000	30,943		.....	.....	21,378	20,885	.....	493		80,119	58,741	3
7,367,681	525,626	521,582	6,141,070	135,959	43,444	.....	19,212,743	18,091,606	347,269	76,787	697,081	31,064,754	11,852,011	4
1,290,246	130,178	109,132	920,489	123,681	.....	6,766	2,616,706	2,566,680	15,127	27,199	7,700	5,044,359	2,427,653	5
545,416	43,582	50,976	412,320	22,590	.....	16,038	353,325	153,083	136,394	63,848	.....	1,352,483	999,158	6
(5)	(5)	(5)	(5)	(5)	(5)	.....	(5)	(5)	(5)	(5)	(5)	(5)	(5)	7
(5)	.....	(5)	(5)	(5)	.....	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	8
2,785,745	344,134	346,259	1,638,059	441,394	15,899	.....	2,521,460	1,973,164	23,986	45,083	479,227	6,078,727	3,557,267	9
1,260,169	137,886	302,950	535,841	257,665	23,256	2,571	5,424,299	5,308,284	85,284	30,731	.....	8,867,436	3,443,137	10
415,131	78,475	26,489	243,345	66,822	.....	.....	1,292,507	1,248,411	11,493	32,603	.....	2,087,514	795,007	11
1,390,548	100,241	191,241	1,026,150	72,916	.....	.....	205,066	158,029	9,589	22,507	14,941	2,043,159	1,838,093	12
4,097,183	524,515	598,972	2,386,370	560,823	24,703	1,800	4,597,088	4,251,718	113,235	118,496	113,639	11,628,374	7,031,286	13
311,938	39,963	38,891	222,841	8,565	.....	1,678	240,549	224,502	7,251	8,613	183	756,496	515,947	14
674,906	44,280	82,185	529,132	15,932	.....	3,377	361,279	298,245	6,969	17,778	38,287	1,409,413	1,048,134	15
(5)	(5)	(5)	(5)	(5)	.....	.....	(5)	(5)	(5)	(5)	(5)	(5)	(5)	16
3,898,525	617,872	343,566	1,563,303	1,273,783	57,022	42,979	6,207,093	5,859,203	221,053	126,837	.....	19,210,131	13,003,038	17
470,067	49,359	41,423	319,317	59,968	.....	.....	1,320,942	1,285,518	4,974	12,850	17,600	2,246,141	925,199	18
1,569,466	59,305	252,885	1,173,286	70,032	2,054	11,904	1,398,243	1,362,362	18,577	27,004	300	4,148,429	2,750,186	19
5,137,829	404,708	358,056	2,756,881	1,482,855	57,381	77,948	35,474,972	35,140,168	169,232	138,757	26,815	43,944,396	8,469,424	20
5,399,191	400,267	969,313	3,403,276	544,440	.....	81,895	4,249,242	3,971,884	70,238	135,837	71,283	15,398,868	11,149,626	21
291,394	57,786	18,459	206,920	6,969	.....	1,260	334,981	329,847	1,304	3,330	500	774,128	439,147	22
455,546	21,555	12,259	418,999	2,733		.....	58,541	51,236	1,077	5,281	947	587,912	529,371	23
2,755,095	187,504	217,370	1,995,877	342,696	6,510	5,138	5,569,928	4,876,611	13,329	28,129	651,859	9,295,205	3,725,277	24
7,236,505	103,655	249,187	6,870,789	8,227	1,040	3,607	727,687	368,717	27,402	76,179	255,389	9,302,877	8,575,190	25
13,778,851	862,707	1,057,001	10,481,163	1,339,691	10,702	27,587	41,660,198	33,200,778	53,834	106,686	8,298,900	62,592,395	20,932,197	26
256,634	33,020	21,872	197,727	4,015	.....	.....	1,325,626	983,227	6,011	3,190	333,198	1,806,528	480,902	27
(5)	(5)	(5)	(5)	(5)	.....	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	28
265,391	67,000	30,864	148,039	19,029	.....	459	126,130	113,153	7,044	5,933	.....	529,736	403,606	29
609,779	63,198	20,273	469,251	57,057	.....	.....	983,557	958,537	4,286	6,654	14,080	1,827,568	844,011	30
225,883	13,510	35,010	168,047	6,516	2,800	.....	1,506,531	1,437,915	25,025	43,591	.....	2,327,368	820,837	31
671,939	34,848	94,130	502,979	39,982	.....	.....	900,205	861,635	15,685	18,633	4,252	1,946,479	1,046,274	32
321,756	22,723	28,749	254,479	15,805	.....	.....	355,165	345,833	2,131	6,170	1,031	978,396	623,231	33
426,894	72,006	53,133	261,528	40,227	.....	.....	877,910	866,159	5,123	6,628	.....	1,532,225	654,315	34
207,403	18,339	12,110	173,948	3,006	.....	.....	86,678	80,137	1,692	4,849	.....	436,200	349,522	35
245,336	16,435	37,834	153,411	37,656	.....	.....	267,123	241,150	5,576	19,717	680	746,004	478,881	36
16,627,466	372,330	1,962,274	13,765,997	526,865	.....	.....	44,582,506	43,917,071	274,765	388,762	1,908	67,955,801	23,373,295	37
(5)	(5)	(5)	(5)	(5)	(5)	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	38
14,111,396	521,202	3,859,004	6,092,319	3,638,871	.....	.....	10,078,078	9,743,859	91,457	215,231	27,531	35,853,715	25,775,637	39
170,419	19,490	94,535	44,969	11,425	.....	.....	297,183	17,610	950	1,833	276,790	649,605	352,422	40
1,611,049	180,051	101,340	489,107	823,901	4,205	12,445	3,153,147	3,069,005	32,243	51,899	.....	7,605,116	4,451,969	41
(5)	(5)	(5)	(5)	(5)	.....	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	42
556,450	107,277	48,720	364,895	34,557	.....	1,001	975,781	878,715	54,831	16,478	25,757	1,800,489	824,708	43
2,057,967	142,945	268,733	1,618,823	17,110	10,356	.....	1,924,830	1,746,990	63,706	71,367	42,767	4,818,733	2,893,903	44
(5)	(5)	(5)	(5)	(5)	.....	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	45
437,102	82,213	43,686	281,547	29,656	.....	.....	377,273	360,397	5,729	8,182	2,965	1,122,908	745,635	46
248,435	53,735	24,727	56,205	113,360	.....	408	264,451	257,637	3,489	3,325	.....	640,976	376,525	47
(5)	(5)	(5)	(5)	(5)	.....	(5)	(5)	(5)	(5)	(5)	.....	(5)	(5)	48
4,458,915	494,392	871,558	2,379,802	702,822	.....	10,341	18,197,540	17,935,274	137,134	115,066	10,066	30,361,157	12,163,617	49
11,068,876	483,105	1,738,494	7,484,112	1,208,984	120,177	34,004	25,877,531	22,963,868	2,206,082	707,581	.....	53,556,166	27,678,635	50
5,022,459	536,838	456,296	3,549,170	468,968	11,187	.....	10,014,771	9,672,382	77,105	117,301	147,983	19,925,508	9,910,737	51
1,374,009	155,999	116,235	971,678	126,632	.....	3,465	1,309,929	1,256,962	14,420	24,451	14,096	3,258,167	1,948,238	52
148,815	5,712	30,564	106,939	5,600	.....	.....	587,555	542,851	30,328	14,376	.....	856,699	269,144	53
(5)	(5)	(5)	(5)	(5)	.....	.....	(5)	(5)	(5)	(5)	(5)	(5)	(5)	54
230,307	51,921	30,096	124,327	12,806	4,710	6,447	709,188	702,540	4,178	2,470	.....	1,206,111	496,923	55
(5)	(5)	(5)	(5)	(5)	.....	.....	(5)	(5)	(5)	(5)	(5)	(5)	(5)	56
1,140,831	186,602	548,301	22,380	383,548	.....	.....	3,647,572	1,024,461	444	2,952	2,619,715	7,796,004	4,148,432	57
19,333,289	.....	3,327,686	13,236,115	212,156	2,409,633	147,699	152,057,746	143,294,457	7,310,395	1,452,894	.....	198,262,100	46,204,354	58
1,725,637	185,608	129,900	1,235,994	172,477	.....	1,658	342,111	223,557	3,267	21,627	93,660	2,683,041	2,340,930	59
366,477	21,635	63,905	210,491	67,212	1,065	2,169	1,580,410	1,559,972	6,060	14,378	.....	2,473,497	893,087	60

TABLE 9.—GENERAL STATISTICS FOR

	Group	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [4]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
		PHILADELPHIA-CAMDEN INDUSTRIAL AREA—Continued									
1	5	Planing mills not operated in conjunction with sawmills	64	57	1,355	62	154	954	165		20
2	13	Pottery products not elsewhere classified	4	4	53	3	5	41	4		
3	1	Poultry dressing and packing, wholesale	7	7	288	14	13	249	10		2
4	14	Power boilers and associated products	15	1	1,386	40	148	1,104	94		
5	1	Prepared feeds (including mineral) for animals and fowls	20	24	296	15	42	193	43		3
6	9	Printing ink	15	8	488	11	106	330	40	1	
7	17	Printing-trades machinery and equipment	9	8	644	11	101	407	125		
8	3	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors [5]	19	15	642	27	46	502	67		
9	20	Professional and scientific instruments (except surgical and dental)	19	11	1,954	33	514	1,079	313	15	
10	17	Pumping equipment and air compressors	9	6	280	11	27	183	58	1	
11	4	Raincoats and other waterproof garments (except oiled cotton)	3	3	91	3	11	77			
12	3	Rayon broad woven goods—regular factories or jobbers engaging contractors	4	2	154	6	23	123			2
13	3	Rayon narrow fabrics	11	9	636	6	37	575	18		
14	3	Rayon throwing and spinning—contract factories	3	2	20	2	1	17			
15	3	Rayon yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	7	3	1,055	13	60	971	11		
16	17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	16	30	254	6	24	181	43		
17	4	Robes, lounging garments, and dressing gowns	7	7	263	1	16	246			
18	10	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	3	1	292	1	22	232	29	8	
19	11	Rubber products not elsewhere classified	18	9	1,882	26	234	1,477	145		
20	1	Salad dressings	7	6	114	2	12	88	12		
21	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	30	24	956	22	82	641	207	4	
22	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	8	8	55		6	49			
23	14	Screw-machine products and wood screws	11	12	591	6	52	475	56	2	
24	15	Sheet-metal work not specifically classified	49	33	854	40	81	658	68		7
25	19	Shipbuilding and ship repairing	14	1	11,446	36	1,147	10,173	11	79	
26	20	Signs, advertising displays, and advertising novelties	45	44	551	19	39	436	57		
27	3	Silk narrow fabrics	7	5	359	3	17	339			
28	3	Silk throwing and spinning—contract factories	4	1	507	3	24	480			
29	3	Silk yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	6	3	828	8	49	756	15		
30	9	Soap and glycerin	18	9	1,302	20	109	894	279		
31	17	Special-industry machinery, not elsewhere classified	7	3	271	9	43	215	4		
32	20	Sporting and athletic goods not elsewhere classified	9	10	319	4	32	271	12		
33	14	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	3	1	206		18	176	6		
34	14	Stamped and pressed metal products (except automobile stampings)	14	12	894	8	157	701	28		
35	13	Statuary and art goods (except stone and concrete)—factory production	8	5	83		7	75	1		
36	14	Steam and hot-water heating apparatus (including hot-water furnaces)	7	2	236	9	28	197	2		
37	13	Steam and other packing, pipe and boiler covering	18	5	1,687	35	161	1,277	202	4	8
38	14	Steam fittings, regardless of material	9	2	701	22	76	454	149		
39	14	Steel castings	5		1,734	15	273	1,376	51	13	6
40	14	Steel works and rolling mills	10		10,815	28	954	9,688	129	16	
41	14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	11	8	1,464	15	173	1,149	119		8
42	12	Suitcases, brief cases, bags, trunks, and other luggage	27	28	811	18	54	687	52		
43	20	Surgical and medical instruments	5	5	219	8	6	161	44		
44	20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	18	10	533	24	71	406	32		
45	9	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	19	4	422	27	78	254	62		1
46	17	Textile machinery	32	11	2,840	50	304	2,362	114	1	9
47	14	Tin cans and other tinware not elsewhere classified	12	7	2,206	9	190	1,751	170	84	2
48	2	Tobacco (chewing and smoking) and snuff	6	3	61	4	3	48	6		
49	14	Tools (except edge tools, machine tools, files, and saws)	10	3	530	11	60	435	24		
50	4	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories [6]	11	12	117		2	113	2		
51	4	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	7	8	144	5	7	115	15	1	1
52	4	Trousers (semidress), wash suits, and washable service apparel	25	29	1,148	9	34	1,064	41		
53	20	Umbrellas, parasols, and canes	5	1	272	11	27	230	4		
54	8	Upholstered household furniture	51	55	999	34	46	864	55		
55	9	Vegetable and animal oils, not elsewhere classified	4	2	63	6	3	32	20		2
56	1	Vinegar and cider	4	1	81	3	9	65	4		
57	7	Wallpaper	4	1	523	10	29	424	60		
58	6	Window and door screens and weather strip	3	2	110	4	7	95	4		
59	6	Window shades	5	4	78		18	48	12		
60	14	Wirework not elsewhere classified	31	28	768	26	67	642	30	3	

See footnotes at end of table.

INDUSTRIAL AREAS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
PHILADELPHIA-CAMDEN INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
1,904,418	224,708	238,466	1,134,438	283,048	-	23,758	2,694,494	2,541,665	51,533	45,056	56,240	5,643,598	2,949,104	1
98,174	28,100	10,900	48,099	11,075	-	-	22,051	11,170	7,658	2,944	279	179,350	157,299	2
281,384	51,236	16,509	190,548	21,280	-	1,811	2,022,567	2,011,037	2,973	8,557	-	2,503,745	481,178	3
2,297,499	240,982	262,606	1,640,591	153,320	-	-	4,433,243	4,302,750	27,222	84,485	18,786	8,353,119	3,919,876	4
372,877	53,776	57,341	180,066	78,342	-	3,352	4,423,047	4,384,838	4,448	33,761	-	5,503,557	1,080,510	5
907,003	121,114	233,185	434,341	116,363	2,000	-	2,759,979	2,695,424	20,351	44,204	-	4,329,868	1,569,889	6
(5)	(5)	(5)	(5)	(5)	-	-	(5)	(5)	(5)	(5)	-	(5)	(5)	7
792,438	167,178	72,867	462,060	90,333	-	-	3,866,154	3,779,928	24,104	46,320	15,802	5,567,389	1,701,235	8
3,560,946	236,960	989,706	1,583,896	722,641	27,743	-	3,035,245	2,877,681	16,613	41,977	98,974	9,519,498	6,484,253	9
451,257	53,592	58,257	233,756	104,241	1,411	-	290,609	275,741	7,108	7,760	-	1,332,269	1,041,660	10
(5)	(5)	(5)	(5)	-	-	-	(5)	(5)	(5)	(5)	-	(5)	(5)	11
202,173	34,612	32,968	131,993	-	-	2,600	478,170	468,807	5,444	3,919	-	890,484	412,314	12
615,895	41,619	60,814	483,177	30,285	-	-	672,239	638,096	19,980	14,024	139	1,788,980	1,116,741	13
20,575	6,944	702	12,929	-	-	-	24,087	23,476	-	611	-	46,569	22,482	14
980,952	120,670	92,686	724,060	43,536	-	-	2,860,726	2,790,620	19,990	47,702	2,414	4,080,419	1,219,693	15
(5)	(5)	(5)	(5)	(5)	-	-	(5)	(5)	(5)	(5)	(5)	(5)	(5)	16
164,097	4,572	20,515	139,010	-	-	-	648,812	569,947	-	2,516	76,349	916,590	267,778	17
(5)	(5)	(5)	(5)	(5)	(5)	-	(5)	(5)	(5)	(5)	-	(5)	(5)	18
2,389,469	168,599	274,059	1,707,137	239,674	-	-	3,374,335	3,172,503	96,933	103,247	1,652	7,731,031	4,356,696	19
123,181	13,000	16,828	74,622	18,731	-	-	528,014	522,891	1,477	3,646	-	755,021	227,007	20
1,431,042	103,488	159,560	784,936	376,002	7,056	-	12,431,987	12,332,680	42,122	57,185	-	15,369,102	2,937,115	21
38,699	-	7,544	31,155	-	-	-	30,994	28,844	950	1,200	-	90,961	59,967	22
1,015,735	94,252	161,910	617,159	139,742	2,672	-	712,284	653,900	16,138	25,946	16,300	2,643,731	1,931,447	23
1,320,496	177,179	137,080	883,601	112,876	-	9,760	2,264,942	2,203,190	14,466	26,577	20,709	4,359,880	2,094,938	24
(5)	(5)	(5)	(5)	(5)	(5)	-	(5)	(5)	(5)	(5)	(5)	(5)	(5)	25
679,202	56,355	53,032	479,703	90,112	-	-	864,151	802,377	7,073	11,916	42,785	2,092,629	1,228,478	26
366,767	19,161	35,501	312,105	-	-	-	652,818	583,217	11,261	12,420	45,920	1,262,358	609,540	27
340,653	31,080	41,670	267,903	-	-	-	134,902	107,321	3,334	24,247	-	588,271	453,369	28
853,172	143,176	82,818	586,255	40,923	-	-	3,725,368	3,601,281	19,148	30,229	74,710	5,286,243	1,560,875	29
1,803,865	228,026	218,523	1,045,816	311,500	-	-	8,563,582	8,379,469	153,445	30,668	-	16,395,589	7,832,007	30
480,953	73,546	100,162	301,724	5,521	-	-	514,123	494,687	6,425	13,011	-	1,479,435	965,312	31
363,769	20,600	45,744	283,742	13,683	-	-	418,226	406,018	3,022	4,300	4,886	1,002,296	584,070	32
(5)	(5)	(5)	(5)	(5)	-	-	(5)	(5)	(5)	(5)	-	(5)	(5)	33
1,037,164	33,288	248,098	710,321	45,457	-	-	1,833,075	1,774,947	22,278	35,750	100	3,389,732	1,556,657	34
76,346	-	8,697	65,911	1,738	-	-	57,018	53,415	2,506	1,097	-	169,581	112,563	35
322,882	46,072	46,213	228,522	2,075	-	-	676,226	653,554	2,099	20,573	-	1,457,751	781,525	36
2,613,761	239,149	318,247	1,629,120	407,649	8,827	10,769	3,724,476	3,194,176	468,635	60,446	1,219	8,392,594	4,668,118	37
1,137,273	140,464	149,166	614,415	233,228	-	-	843,937	812,558	18,494	12,885	-	3,198,805	2,354,868	38
2,851,007	96,357	545,025	2,060,068	136,232	6,942	6,383	1,733,073	1,402,922	161,383	166,406	2,362	6,223,759	4,490,686	39
17,508,278	386,135	2,075,829	14,566,931	447,306	32,077	-	30,979,689	24,964,122	4,132,412	1,128,933	754,222	51,890,357	20,910,668	40
2,012,378	87,893	245,699	1,388,910	279,276	-	10,600	2,515,167	2,340,806	98,591	75,770	-	5,364,035	2,848,868	41
1,077,587	105,910	97,306	779,509	94,862	-	-	2,009,917	1,991,267	8,288	9,422	940	3,590,745	1,580,828	42
281,967	38,580	14,630	196,916	31,841	-	-	189,915	169,450	3,924	6,083	10,458	566,700	376,785	43
643,969	149,325	93,520	334,608	66,516	-	-	394,944	374,834	8,167	6,429	5,514	1,412,277	1,017,333	44
992,833	276,813	186,925	333,044	195,207	-	844	2,392,004	2,318,917	49,979	23,108	-	5,548,236	3,156,232	45
4,429,449	341,031	632,886	3,174,615	267,307	225	13,385	4,429,895	4,250,479	81,039	91,301	7,076	11,934,694	7,504,799	46
2,916,153	79,752	408,967	1,896,815	257,070	270,569	2,980	13,282,953	13,111,178	70,882	91,848	9,045	19,825,476	6,542,523	47
70,175	30,240	5,835	32,312	1,788	-	-	290,219	287,176	1,005	2,038	-	338,297	48,078	48
679,914	49,600	91,019	487,298	51,997	-	-	417,148	361,544	23,112	32,192	300	1,562,855	1,145,707	49
119,673	-	1,876	114,380	3,417	-	-	46,334	40,931	1,396	3,462	545	283,880	237,546	50
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	51
934,728	38,450	48,967	781,340	65,971	-	-	2,305,919	2,079,379	5,311	11,542	209,687	3,769,809	1,463,890	52
277,875	33,744	49,050	186,728	8,353	-	-	321,100	302,171	10,877	3,761	4,291	688,742	367,642	53
1,171,957	108,577	66,247	900,931	96,202	-	-	2,101,168	2,065,985	13,454	17,328	4,401	3,926,189	1,825,021	54
120,771	46,320	6,540	36,964	29,876	-	1,071	485,556	469,549	11,151	4,856	-	671,488	185,932	55
99,978	9,950	13,671	67,912	8,445	-	-	256,524	245,410	6,864	4,310	-	393,708	137,184	56
788,246	51,990	71,866	518,991	145,399	-	-	1,258,321	1,214,473	28,090	13,915	1,843	2,487,517	1,229,196	57
(5)	(5)	(5)	(5)	(5)	-	-	(5)	(5)	(5)	(5)	-	(5)	(5)	58
79,889	-	22,937	40,461	16,491	-	-	508,919	506,933	717	1,269	-	709,088	200,169	59
971,084	158,637	117,717	623,112	66,049	5,569	-	1,383,188	1,341,755	16,175	25,046	212	2,992,588	1,609,400	60

TABLE 9.—GENERAL STATISTICS FOR

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS[1] Total[2]	Salaried officers of corporations[2]	Manufacturing: Salaried employees[2]	Manufacturing: Wage earners (average for year)[3]	Distribution	Construction	Other
		PHILADELPHIA-CAMDEN INDUSTRIAL AREA—Continued									
1	16	Wiring devices and supplies	5	..	662	18	121	447	60	12	4
2	4	Women's and misses' blouses and waists—made in contract factories	23	28	919	4	17	893	4	..	1
3	4	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors[4]	21	30	1,419	11	75	1,247	86	.	...
4	4	Women's and misses' clothing, not elsewhere classified—made in contract factories	7	8	125	..	3	121	1	.	..
5	4	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	15	15	611	13	39	531	28	..	...
6	4	Women's and misses' dresses (except house dresses)—made in contract factories	30	42	1,082	1	17	1,060	3	...	1
7	4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	58	68	3,747	39	156	3,367	181	....	4
8	4	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics	6	4	230	5	9	198	18	..	...
9	4	Women's, children's, and infants' underwear and nightwear of knitted fabrics	4	3	145	5	10	122	7	.	1
10	4	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	11	13	496	3	20	464	9	..	....
11	4	Women's neckwear, scarfs, etc	3	4	48	2	2	43	1	..	.....
12	12	Women's pocketbooks, handbags, and purses	10	6	1,151	9	49	1,048	45	...	....
13	6	Wooden boxes except cigar boxes	20	18	386	12	21	335	18	...	...
14	6	Wood products not elsewhere classified	9	9	63	6	6	46	5	..	.....
15	17	Woodworking machinery	3	.	34	5	2	27	..	...	.....
16	3	Woolen and worsted manufactures—contract factories	14	7	1,126	10	132	979	4	..	1
17	3	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	75	37	11,604	123	712	10,584	172	9	4
18	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	43	42	1,895	27	81	1,734	51	2	.....
19	16	X-ray and therapeutic apparatus and electronic tubes	3	..	21	4	4	12	1	..	..
20		Other industries[6]	607	339	91,320	729	11,773	72,394	5,576	555	293
		OTHER INDUSTRIES, BY INDUSTRY GROUPS[6]									
21	1	Food and kindred products	46	9	6,539	56	565	5,611	277	23	7
22	3	Textile-mill products and other fiber manufactures	76	30	11,973	120	878	10,448	375	15	137
23	4	Apparel and other finished products made from fabrics and similar materials	72	72	2,627	45	163	2,194	220	1	4
24	6	Furniture and finished lumber products	28	20	892	20	98	661	105	5	3
25	7	Paper and allied products	20	10	1,731	31	145	1,399	139	17	.....
26	9	Chemicals and allied products	24	11	4,026	15	399	3,439	40	129	4
27	10	Products of petroleum and coal	6	1	1,459	5	129	1,159	137	8	21
28	12	Leather and leather products	10	7	593	10	56	490	37	..	.....
29	13	Stone, clay, and glass products	29	7	2,983	35	246	2,449	251	2	.....
30	14	Iron and steel and their products, except machinery	41	13	5,389	60	523	4,675	126	4	1
31	15	Nonferrous metals and their products	23	23	1,248	16	138	986	56	31	21
32	16	Electrical machinery	33	12	19,657	76	3,478	13,483	2,308	220	92
33	17	Machinery (except electrical)	63	49	6,830	62	1,403	4,862	499	1	3
34	19	Transportation equipment except automobiles	22	1	14,963	52	1,773	12,942	109	87	.....
35	20	Miscellaneous industries	56	43	3,183	58	280	2,529	304	12	.....
36	8	Printing, publishing, and allied industries	53	31	5,371	56	1,334	3,700	281	...	.....
37	2	Tobacco manufactures	1								
38	11	Rubber products	3	.	1,856	12	165	1,367	312	.....	.....
39	18	Automobiles and automobile equipment	1								
		PITTSBURGH INDUSTRIAL AREA									
40		All industries, total	2,110	1,284	230,103	1,784	23,638	191,903	9,456	2,929	393
41	13	Abrasive wheels, stones, paper, cloth, and related products	4	1	67	5	6	47	7	1	1
42	15	Alloying and rolling and drawing of nonferrous metals, except aluminum	5	1	583	6	25	520	17	....	15
43	15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	4	. .	4,323	2	740	3,074	.	507	..
44	9	Ammunition	3	..	48	3	18	24	3	.....	..
45	10	Beehive coke	7	1	132	1	9	119	3		
46	1	Biscuit, crackers, and pretzels	6	3	681	2	45	550	71	4	9
47	14	Blast-furnace products	12	....	4,192	1	283	3,806	...	102	. .
48	14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	7	.	2,290	15	230	1,960	85	...	....
49	8	Bookbinding and related industries	14	11	128	9	12	99	8	.. ..	. .
50	8	Books: printing without publishing	11	5	267	16	22	220	9	..	.
51	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	365	404	6,052	59	297	5,063	550	18	65
52	13	Brick and hollow structural tile	23	9	656	12	51	584	8	1	.. ..
53	20	Brooms	5	7	23	2	.. . ..	21	.	.	. . ..
54	20	Brushes	1	1	70	6	10	48	6	...	.. ..
55	1	Candy and other confectionery products	18	9	1,332	22	84	1,002	169	20	35

See footnotes at end of table.

INDUSTRIAL AREAS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [3]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
PHILADELPHIA-CAMDEN INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
1,233,735	211,197	246,259	612,270	142,098	18,883	3,028	2,827,796	2,780,879	21,911	25,006	----------	4,591,048	1,763,252	1
601,720	6,663	15,924	576,569	1,800	----------	764	101,411	81,698	243	8,974	10,496	939,795	838,384	2
1,476,277	80,220	126,163	1,071,064	198,830	----------	----------	3,967,450	3,244,764	416	12,711	709,559	6,351,529	2,384,079	3
79,899	----------	2,986	76,287	626	----------	----------	9,973	7,604	557	1,787	25	116,505	106,532	4
616,756	49,193	57,840	448,657	61,066	----------	----------	1,394,377	1,225,317	1,015	8,013	160,032	2,551,782	1,157,405	5
754,640	986	24,954	725,324	2,652	----------	724	39,635	24,762	3,621	11,219	33	1,082,798	1,043,163	6
4,155,434	176,564	265,324	3,395,904	314,938	----------	2,704	9,348,307	8,154,470	3,560	40,989	1,149,288	17,477,985	8,129,678	7
181,784	29,063	11,460	127,194	14,067	----------	----------	480,102	391,673	851	2,786	84,792	768,084	287,982	8
137,482	21,010	14,363	91,498	9,987	----------	624	262,178	260,354	183	1,641	----------	499,691	237,513	9
357,265	8,084	29,182	309,890	10,109	----------	----------	1,015,405	1,011,186	207	4,012	----------	1,554,149	538,744	10
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	----------	(5)	(5)	(5)	(5)	11
952,718	48,280	79,455	773,196	51,787	----------	----------	1,650,977	1,638,969	1,020	7,178	3,810	3,039,937	1,388,960	12
434,586	60,180	43,814	304,740	25,852	----------	----------	824,023	803,504	8,725	11,594	200	1,502,395	678,372	13
86,555	20,686	12,201	47,635	6,033	----------	----------	76,070	68,631	2,861	4,578	----------	211,784	135,714	14
40,812	13,818	2,786	24,208	----------	----------	----------	39,066	34,498	1,174	2,834	560	124,465	85,399	15
1,534,326	112,674	265,590	1,140,054	14,778	----------	1,230	322,672	208,693	87,370	25,902	707	2,455,314	2,132,642	16
13,903,199	1,014,240	1,478,178	10,874,552	498,020	33,856	4,353	44,574,232	43,374,833	499,773	315,083	384,543	68,407,034	23,832,802	17
1,530,377	118,638	110,062	1,241,463	57,874	2,340	----------	3,147,836	3,033,664	6,707	21,952	85,513	5,280,983	2,133,147	18
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	19
145,028,520	5,968,168	25,961,419	98,260,367	13,594,177	985,702	258,687	298,211,192	287,098,773	6,976,605	3,169,137	966,677	578,304,267	280,093,075	20
8,649,656	644,530	1,520,092	5,863,221	571,705	41,096	9,012	39,765,849	39,035,074	463,101	264,881	2,793	71,892,855	32,127,006	21
15,490,531	857,972	1,808,459	11,870,636	866,644	32,563	54,257	25,138,882	23,831,480	894,852	277,149	135,401	53,174,804	28,035,922	22
2,666,006	209,712	221,825	1,791,011	435,548	1,163	6,747	8,012,259	7,905,272	13,241	40,581	53,165	12,466,549	4,454,290	23
1,283,638	77,349	161,748	802,223	229,946	7,807	4,565	2,100,547	2,003,174	68,668	28,705	----------	4,632,498	2,531,951	24
2,262,189	310,065	292,225	1,379,165	226,952	53,782	----------	4,692,022	4,616,654	20,821	48,388	6,159	9,117,139	4,425,117	25
6,180,554	79,684	1,025,641	4,841,172	66,396	162,261	5,400	18,666,493	17,758,143	643,394	264,885	71	33,238,234	14,571,741	26
2,393,237	42,963	283,850	1,779,812	250,780	8,538	27,294	11,479,162	10,526,117	757,922	195,123	----------	16,027,729	4,548,567	27
617,043	49,275	94,905	418,028	54,835	----------	----------	516,890	494,824	14,797	7,207	62	1,289,899	773,009	28
4,032,986	223,081	529,636	2,719,821	558,073	2,375	----------	7,409,649	6,571,301	557,697	280,500	151	16,699,093	9,289,444	29
7,844,819	553,087	947,117	6,001,169	336,504	6,442	500	14,129,457	12,129,018	1,532,668	212,630	255,141	28,550,740	14,421,283	30
1,609,069	155,145	250,967	1,049,580	87,140	47,689	18,548	4,768,743	4,597,285	103,844	59,489	8,125	7,245,205	2,476,462	31
33,733,507	855,580	7,697,942	18,325,142	6,292,989	432,016	129,838	50,664,873	49,752,943	494,196	406,670	11,064	109,730,828	59,065,955	32
12,517,011	471,069	3,055,592	7,686,578	1,300,078	1,168	2,526	12,018,172	11,513,572	277,676	175,448	51,476	30,955,744	18,937,572	33
28,324,613	401,240	4,363,886	22,978,974	411,411	169,102	----------	45,040,405	43,585,443	838,890	524,237	91,835	82,966,557	37,926,152	34
3,869,412	391,531	516,267	2,451,320	490,594	19,700	----------	7,471,396	7,280,771	113,342	57,197	20,086	14,877,215	7,405,819	35
13,554,249	645,885	3,191,267	8,302,515	1,414,582	----------	----------	46,336,393	45,497,702	181,496	326,047	331,148	85,439,178	39,102,785	36, 37, 38, 39
PITTSBURGH INDUSTRIAL AREA														
357,981,899	10,928,394	52,623,527	271,080,178	18,598,067	4,124,089	627,644	858,173,578	779,362,691	60,934,813	14,682,878	3,193,196	1,501,398,647	643,225,069	40
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	41
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	42
(5)	(5)	(5)	(5)	----------	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	43
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	44
167,114	500	6,227	156,037	4,350	----------	----------	605,562	594,707	4,651	6,204	----------	854,446	248,884	45
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	46
6,338,446	21,500	829,346	5,381,850	----------	105,750	----------	103,659,000	79,837,209	23,696,169	125,622	----------	119,128,816	15,469,816	47
3,266,622	103,026	442,996	2,534,672	185,928	----------	----------	6,006,145	5,713,555	197,707	85,706	9,177	12,038,381	6,032,236	48
154,537	21,149	18,176	104,533	10,679	----------	----------	102,843	96,506	1,079	3,337	1,921	343,989	241,146	49
431,458	60,405	45,332	285,963	39,758	----------	----------	323,274	298,901	2,624	8,847	12,902	949,081	625,807	50
8,236,140	305,077	593,853	6,784,526	389,539	45,277	117,868	13,583,546	13,040,409	327,371	215,766	----------	28,235,082	14,651,536	51
779,113	36,034	81,468	653,085	8,136	390	----------	349,664	85,806	195,926	67,932	----------	1,529,037	1,179,373	52
18,718	2,600	----------	16,118	----------	----------	----------	50,783	49,933	62	788	----------	80,425	29,642	53
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	54
1,573,103	134,855	173,963	880,854	291,713	41,484	50,234	4,606,313	4,556,328	20,048	29,937	----------	6,790,255	2,183,942	55

TABLE 9.—GENERAL STATISTICS FOR

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
		PITTSBURGH INDUSTRIAL AREA—Continued									
1	6	Caskets, coffins, burial cases, and other morticians' goods	8	3	407	6	39	344	17	1	
2	9	Chemicals not elsewhere classified	12		1,187	17	220	863	61	24	2
3	13	Clay refractories, including refractory cement (clay)	10		722	10	63	626	21	2	
4	9	Cleaning and polishing preparations, blackings, and dressings	6	4	45	6	5	24	10		
5	14	Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills	6		1,035	11	95	881	31	3	14
6	16	Communication equipment	3		1,589	15	438	917	187	32	
7	9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	14		373	4	40	244	72	13	
8	13	Concrete products	65	35	499	24	32	401	39	3	
9	6	Cooperage	12		103	6	11	86			
10	1	Creamery butter	9	5	114		24	66	24		
11	9	Drugs and medicines (including drug grinding)	13		279	19	30	156	74		
12	16	Electrical products not elsewhere classified	4		103	6	16	74	7		
13	15	Electroplating, plating, and polishing	7	3	130	4	9	109	4	4	
14	8	Electrotyping and stereotyping, not done in printing establishments	4	1	41	6	6	28	1		
15	14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	5		1,506	10	113	1,343	40		
16	8	Engraving (steel, copperplate, and wood); plate printing	6		240	10	23	185	22		
17	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	43	23	5,673	45	580	4,916	128	3	1
18	13	Flat glass	6		3,375		258	3,117			
19	1	Flour and other grain-mill products	6	8	18	3	3	11			1
20	1	Food preparations, not elsewhere classified	9	9	148	5	32	89	22		
21	14	Forgings, iron and steel—made in plants not operated in connection with rolling mills	12	3	861	8	62	778	10	3	
22	8	General commercial (job) printing	152	150	1,364	70	149	1,043	102		
23	13	Glass containers	6		2,960	11	173	2,768	8		
24	14	Gray-iron and semisteel castings	30	13	1,634	34	122	1,435	26	16	1
25	9	Grease and tallow (except lubricating greases)	9	8	218	3	18	193	3	1	
26	20	Hand stamps, stencils, and brands	6		297	17	19	155	106		
27	14	Hardware not elsewhere classified	3	1	499	3	29	439	28		
28	4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	3		125	6	7	110	2		
29	4	Housefurnishings (except curtains, draperies, and bedspreads)	6	6	317	5	18	287	7		
30	6	Household furniture, except upholstered	4	1	80	6	8	61	5		
31	1	Ice cream and ices	33	16	678	25	54	412	168	4	15
32	1	Ice, manufactured	43	20	346	27	46	206	53	10	4
33	17	Industrial machinery, not elsewhere classified	4		213	10	31	143	28		1
34	9	Insecticides, fungicides, and related industrial and household chemical compounds	8	1	124	8	17	84	13	2	
35	15	Jewelry (precious metals)	5	10	70		9	58	3		
36	15	Lighting fixtures	6	6	221	3	19	185	14		
37	1	Liquors, rectified or blended	4		114	9	17	39	47	2	
38	8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	15	6	372	22	27	292	31		
39	9	Lubricating oils and greases—not made in petroleum refineries	7	2	279	6	57	210	6		
40	1	Macaroni, spaghetti, vermicelli, and noodles	5	1	180	2	16	154	7		1
41	8	Machine and hand typesetting (including advertisement typesetting)	6	1	48	2	6	38	2		
42	17	Machine-shop products, not elsewhere classified	55	21	6,704	85	1,060	4,898	500	75	86
43	17	Machine-shop repairs	18	19	125	13	13	98	1		
44	17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	8	1	85	6	9	66	4		
45	1	Malt liquors	14		1,742	18	96	1,298	319	8	3
46	6	Mattresses and bedsprings	9	10	573	13	34	452	70	4	
47	17	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	3		777	4	89	674	10		
48	1	Meat packing, wholesale	26	22	2,354	28	182	1,500	591	46	7
49	17	Mechanical power-transmission equipment	7	5	570	9	120	407	34		
50	4	Men's and boys' hats and caps (except felt and straw)	3	7	8			7	1		
51	4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	3	1	15	4		11			
52	13	Minerals and earths, ground or otherwise treated	3	1	35		3	32			
53	13	Mirrors and other glass products made of purchased glass	13	13	313	9	31	239	28	6	
54	20	Miscellaneous fabricated products not elsewhere classified	3	4	37	3	2	22	4		6
55	20	Models and patterns (except paper patterns)	9	12	107	2	6	99			
56	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	23	22	211	13	26	134	38		
57	18	Motor vehicles, motor-vehicle bodies, parts and accessories	10	4	1,021	23	162	702	134		
58	8	Newspapers: publishing and printing	59	33	3,790	74	1,183	1,697	836		
59	8	Newspapers: publishing without printing	9	3	27	4	20		3		
60	1	Nonalcoholic beverages	66	66	775	26	69	324	354		2
61	13	Nonclay refractories	4	1	371	9	37	308	16		1
62	15	Nonferrous-metal foundries (except aluminum)	10	6	227	7	27	186	6	1	
63	15	Nonferrous-metal products not elsewhere classified	4	3	86	6	11	60	9		
64	10	Oven coke and coke-oven byproducts	5		3,978		279	3,582		117	
65	9	Paints, varnishes, and lacquers	21	1	570	27	68	337	129	5	4

See footnotes at end of table.

INDUSTRIAL AREAS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [3]	Salaries of officers of corporations [3]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [3]	Wages											
PITTSBURGH INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	1
2,076,454	174,490	496,868	1,227,959	131,418	43,696	2,023	13,006,403	12,400,333	283,801	322,269	----	22,748,961	9,742,558	2
969,132	39,805	126,712	743,364	56,449	2,802	----	609,647	351,534	186,427	65,245	6,441	2,382,798	1,773,151	3
58,102	12,767	7,528	20,097	17,710	----	----	170,016	168,419	525	1,072	----	366,282	196,266	4
1,651,236	87,672	213,296	1,252,505	66,620	6,040	25,103	6,670,510	6,550,336	57,391	62,783	----	10,154,671	3,484,161	5
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	6
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	7
714,578	75,157	45,545	515,775	71,416	6,685	----	2,256,827	2,108,805	37,604	32,890	77,528	4,045,545	1,788,718	8
125,265	23,450	19,640	82,175	----	----	----	400,310	394,838	2,747	2,725	----	679,646	279,336	9
(5)	----	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	10
420,347	96,771	56,727	109,769	157,080	----	----	551,513	541,416	5,533	4,564	----	1,421,160	869,647	11
136,727	24,746	22,417	76,794	12,770	----	----	201,313	194,710	2,510	4,093	----	431,060	229,747	12
164,473	22,212	14,926	116,984	4,559	5,792	----	120,225	99,137	3,925	17,163	----	382,445	262,220	13
109,959	41,610	10,803	55,196	2,350	----	----	19,402	15,452	1,117	2,833	----	179,919	160,517	14
2,196,849	64,350	222,124	1,843,343	67,032	----	----	2,318,525	2,001,672	229,840	87,013	----	6,582,978	4,264,453	15
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	16
9,066,076	197,967	1,144,474	7,489,152	231,205	3,000	278	22,003,046	21,500,340	248,118	250,871	3,717	35,221,452	13,218,406	17
(5)	----	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	18
16,707	5,640	3,002	7,865	----	----	200	70,534	67,785	1,634	1,115	----	106,145	35,611	19
213,825	33,938	58,213	86,279	35,395	----	----	525,876	514,158	7,040	4,678	----	946,734	420,858	20
1,264,419	43,004	136,702	1,049,280	32,200	3,233	----	2,360,117	2,104,210	188,358	66,669	880	4,954,818	2,594,701	21
1,965,150	241,179	215,716	1,346,997	161,258	----	----	1,837,708	1,568,152	20,104	51,083	198,369	5,057,460	3,219,752	22
4,448,392	116,290	294,085	3,980,167	57,850	----	----	6,388,016	5,235,627	954,414	197,975	----	15,472,455	9,084,439	23
2,326,038	167,280	274,244	1,820,486	34,695	27,771	1,562	3,430,780	3,053,142	214,916	91,719	71,003	7,579,217	4,148,437	24
283,305	15,939	23,339	232,115	10,457	1,455	----	1,018,366	933,336	55,750	29,280	----	1,572,298	553,932	25
490,110	84,341	43,846	211,475	150,448	----	----	343,277	328,351	3,418	9,032	2,476	1,132,496	789,219	26
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	27
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	28
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	29
88,025	17,562	10,906	54,787	4,770	----	----	182,459	178,261	983	3,215	----	359,229	176,770	30
1,277,879	135,364	109,714	738,692	274,961	5,437	13,711	3,478,489	3,332,558	29,884	116,047	----	7,047,718	3,569,229	31
581,752	83,295	82,773	286,986	112,993	9,175	6,530	307,593	79,305	30,455	197,833	----	1,571,498	1,263,905	32
298,271	51,735	56,335	155,969	33,752	----	480	287,869	265,082	8,235	13,966	586	691,041	403,172	33
254,521	64,018	33,631	114,328	38,544	4,000	----	563,920	545,821	5,760	12,339	----	1,160,093	596,173	34
(5)	----	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	35
233,417	11,190	39,343	143,166	39,718	----	----	730,565	714,407	8,900	7,258	----	1,262,271	531,706	36
223,365	73,421	23,762	25,378	95,604	5,200	----	166,242	159,500	3,126	3,616	----	667,518	501,276	37
518,069	87,555	44,399	334,234	51,881	----	----	448,168	415,401	5,871	11,529	15,367	1,169,897	721,729	38
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	39
(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	40
86,605	6,454	12,533	62,104	5,514	----	----	30,351	14,949	870	1,313	13,219	158,950	128,599	41
10,351,325	644,165	1,932,237	6,285,103	1,224,569	83,856	181,395	7,706,299	6,695,571	241,118	194,791	574,819	23,471,033	15,764,734	42
210,761	40,643	20,769	148,722	627	----	----	129,409	118,839	3,184	7,386	----	479,003	349,594	43
176,370	53,674	18,558	95,638	8,500	----	----	185,425	168,156	4,474	11,159	1,636	519,707	334,282	44
3,647,056	187,479	301,590	2,461,624	680,262	14,561	1,540	4,248,067	4,040,327	190,698	17,042	----	16,889,943	12,641,876	45
765,417	58,464	67,279	485,889	146,739	7,046	----	1,308,568	1,283,534	6,066	18,968	----	2,465,313	1,156,745	46
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	47
3,975,602	234,383	324,707	2,217,406	1,065,552	117,156	16,398	23,902,579	23,690,004	123,973	88,602	----	30,142,900	6,240,321	48
1,046,960	36,037	250,216	665,661	95,046	----	----	2,162,013	2,082,241	18,161	35,129	26,482	3,187,902	1,025,889	49
5,512	----	----	5,201	311	----	----	21,681	21,400	36	245	----	28,628	6,947	50
16,863	4,773	----	12,090	----	----	----	9,131	9,056	----	75	----	29,767	20,636	51
(5)	----	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	52
353,843	36,340	53,433	212,840	49,215	2,015	----	415,081	397,924	7,500	9,657	----	947,769	532,688	53
(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	54
152,396	4,913	9,435	138,048	----	----	----	49,758	46,956	608	2,194	----	286,831	237,073	55
295,807	32,077	34,698	187,725	41,307	----	----	293,708	268,682	3,565	17,835	3,626	835,246	541,538	56
1,803,692	208,554	270,003	1,054,229	270,906	----	----	3,396,300	3,281,196	47,339	65,365	2,400	6,989,007	3,592,707	57
7,068,204	433,504	2,188,877	3,054,137	1,391,686	----	----	4,196,770	4,017,341	30,017	102,077	47,335	18,594,238	14,397,468	58
29,254	5,905	20,908	----	2,441	----	----	49,532	285	212	209	48,826	128,008	78,476	59
1,197,033	146,494	107,313	339,886	600,608	----	2,732	2,264,396	2,205,540	17,457	40,874	525	5,137,539	2,873,143	60
513,326	70,812	73,440	325,514	42,410	----	1,150	539,994	415,453	99,970	24,571	----	1,567,691	1,027,697	61
345,352	35,643	51,924	241,189	15,141	1,455	----	828,121	786,586	19,738	12,900	8,897	1,449,327	621,206	62
101,218	26,380	15,250	44,603	14,985	----	----	125,036	116,017	3,869	2,093	3,057	281,087	156,051	63
5,965,182	----	789,917	5,007,185	----	168,080	----	37,263,489	35,964,475	908,811	390,203	----	54,519,110	17,255,621	64
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	65

TABLE 9.—GENERAL STATISTICS FOR

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [1]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
		PITTSBURGH INDUSTRIAL AREA—Continued									
1	7	Paperboard containers and boxes not elsewhere classified	13	6	1,095	25	72	879	114	5	
2	6	Partitions, shelving, cabinet work, and office and store fixtures	8	3	217	8	15	157	37		
3	10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	3		20		5	15			
4	8	Periodicals: publishing and printing	14	3	275	17	64	162	32		
5	8	Periodicals: publishing without printing	22	8	148	21	94	10	23		
6	10	Petroleum refining	4		698	8	89	444	150	7	
7	8	Photoengraving, not done in printing establishments (including preparation of plates)	11	3	205	19	28	117	41		
8	5	Planing mills not operated in conjunction with sawmills	46	14	308	23	36	234	14	1	
9	13	Porcelain electrical supplies	3		767	5	47	693	22		
10	13	Pottery products not elsewhere classified	3	4	68	4	9	53	2		
11	14	Power boilers and associated products	9	2	1,802	14	417	1,332	34	3	2
12	1	Prepared feeds (including mineral) for animals and fowls	13	13	95	4	8	63	19		1
13	17	Printing-trades machinery and equipment	3	1	365	5	54	256	49		1
14	20	Professional and scientific instruments (except surgical and dental)	5	2	74	7	10	57			
15	17	Pumping equipment and air compressors	3	2	252	2	36	198	16		
16	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	9	5	97		11	82	4		
17	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	15	12	77	2		72	2	1	
18	14	Screw-machine products and wood screws	4	2	71	4	11	56			
19	15	Secondary smelting and refining of nonferrous metals, not elsewhere classified	6	2	237	9	50	164	10	1	3
20	15	Sheet-metal work not specifically classified	18	9	944	9	148	754	33		
21	19	Shipbuilding and ship repairing	5		728		64	664			
22	20	Signs, advertising displays, and advertising novelties	14	8	252	19	19	192	22		
23	9	Soap and glycerin	4	3	97	8	9	54	26		
24	17	Special-industry machinery, not elsewhere classified	5		151	11	29	111			
25	14	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	7		733	16	73	632	12		
26	14	Stamped and pressed metal products (except automobile stampings)	10	3	243	16	16	202	9		
27	14	Steam and hot-water heating apparatus (including hot-water furnaces)	5		463	7	68	366	22		
28	13	Steam and other packing; pipe and boiler covering	3	2	38		4	33	1		
29	14	Steam fittings, regardless of material	3	2	2,022	5	258	1,646	113		
30	14	Steel castings	17		3,331	33	330	2,807	100	60	1
31	14	Steel works and rolling mills	47		91,505	86	6,879	82,204	701	1,634	1
32	14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	9	6	577	11	99	361	106		
33	12	Suitcases, brief cases, bags, trunks, and other luggage	3		149	8	6	127	8		
34	20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	9	12	769	9	132	494	134		
35	13	Tableware, pressed or blown glass, and glassware not elsewhere classified	18		5,772	35	453	5,152	92	40	
36	14	Tin cans and other tinware not elsewhere classified	3		807		64	743			
37	14	Tools (except edge tools, machine tools, files, and saws)	7	2	352	10	21	296	26		
38	4	Trousers (semidress), wash suits, and washable service apparel	3	4	270	1	14	241	13		1
39	6	Upholstered household furniture	5	2	288	4	20	218	46		
40	6	Venetian blinds	3	6	21		1	14	6		
41	14	Vitreous-enameled products, including kitchen, household, and hospital utensils	3		1,605	11	143	1,413	38		
42	14	Wire drawn from purchased rods	3		1,119	5	64	979	50	21	
43	14	Wirework not elsewhere classified	10	5	138	7	13	115	3		
44	16	Wiring devices and supplies	7		1,201	19	105	970	107		
45	6	Wooden boxes except cigar boxes	6	1	176	3	13	154	6		
46	6	Wood products not elsewhere classified	3	3	23	1	2	19	1		
47	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	3	5	63		2	59			2
48	14	Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills	4		2,642	1	179	2,461			1
49		Other industries [6]	389	157	56,043	447	7,969	43,883	2,892	703	149
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]									
50	1	Food and kindred products	43	31	4,084	25	331	3,214	448	4	62
51	4	Apparel and other finished products made from fabrics and similar materials	39	33	1,315	32	80	1,118	66	13	6
52	6	Furniture and finished lumber products	17	10	1,884	10	186	1,565	104	19	
53	7	Paper and allied products	6	1	428	5	23	357	30	13	
54	8	Printing, publishing, and allied industries	25	5	644	33	140	381	90		
55	9	Chemicals and allied products	57	5	2,088	56	269	1,500	231	23	9
56	12	Leather and leather products	7	1	260	12	14	219	15		
57	13	Stone, clay, and glass products	34	13	5,331	25	412	4,843	47	3	1
58	14	Iron and steel and their products, except machinery	35	7	6,587	67	638	5,596	265	21	
59	15	Nonferrous metals and their products	29	13	9,418	31	1,192	7,064	506	574	51

See footnotes at end of table.

INDUSTRIAL AREAS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing: Salaries [2]	Manufacturing: Wages	Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
PITTSBURGH INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
1,521,272	213,442	148,637	950,705	199,452	9,036	----------	3,660,884	3,615,189	17,920	26,681	1,094	6,599,019	2,938,135	1
301,468	26,985	25,104	204,234	45,145	----------	----------	274,130	263,750	3,018	7,362	----------	638,671	364,541	2
27,455	----------	9,714	17,741	----------	----------	----------	162,709	146,250	10,006	6,453	----------	273,122	110,413	3
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	4
270,896	66,621	125,564	15,892	62,819	----------	----------	427,641	99,906	----------	200	327,535	951,203	523,562	5
1,312,801	67,175	182,481	769,941	282,414	10,790	----------	12,758,347	12,299,918	357,233	101,196	----------	16,432,423	3,674,076	6
508,389	91,686	44,189	305,950	66,564	----------	----------	102,655	90,287	975	6,488	4,905	792,769	690,114	7
494,128	54,273	69,812	333,359	32,251	2,325	2,108	1,118,279	1,079,647	5,655	28,078	4,899	2,013,673	895,394	8
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	9
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	10
3,170,513	85,390	1,064,734	1,928,268	85,980	3,946	2,195	4,298,717	4,081,708	63,139	82,553	71,317	9,141,705	4,842,988	11
112,733	6,542	10,383	63,396	32,349	----------	63	772,049	750,737	3,120	18,192	----------	1,084,903	312,854	12
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	13
113,096	26,131	18,181	68,784	----------	----------	----------	107,796	104,668	655	2,373	100	224,050	116,254	14
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	15
128,506	----------	14,113	108,881	5,512	----------	----------	1,665,693	1,646,238	11,178	8,277	----------	1,974,554	308,861	16
57,980	5,400	----------	49,852	1,768	960	----------	97,927	64,313	5,039	324	28,251	223,540	125,613	17
105,830	20,148	18,770	66,912	----------	----------	----------	95,823	89,097	479	5,524	723	260,012	164,189	18
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	19
1,727,489	33,135	474,061	1,144,001	76,292	----------	----------	4,003,469	3,865,952	38,151	36,394	62,972	9,136,204	5,132,735	20
1,234,400	----------	181,011	1,053,389	----------	----------	----------	3,519,737	3,467,982	9,637	42,118	----------	5,656,571	2,136,834	21
486,349	70,608	38,802	296,451	80,488	----------	----------	445,966	419,735	3,709	8,648	13,874	1,241,310	795,344	22
146,346	31,363	14,638	59,022	41,323	----------	----------	297,625	288,565	4,244	4,816	----------	587,206	289,581	23
249,356	45,247	45,282	158,827	----------	----------	----------	196,495	143,888	1,795	3,174	47,638	504,018	307,523	24
1,159,434	87,290	132,394	905,931	33,819	----------	----------	1,904,376	1,712,427	130,748	61,201	----------	3,723,633	1,819,257	25
323,488	52,846	37,045	217,015	16,582	----------	----------	717,806	687,863	17,095	11,819	1,029	1,218,184	500,378	26
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	27
(5)	----------	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	28
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	29
5,236,966	219,984	752,346	3,919,692	287,584	56,360	1,000	5,014,048	3,932,974	598,857	328,099	154,118	13,106,504	8,092,456	30
145,541,355	1,240,643	17,783,755	122,586,768	1,788,318	2,140,496	1,375	341,592,704	308,561,626	25,562,968	6,769,350	698,760	579,827,945	238,235,241	31
883,841	84,118	170,155	454,309	175,259	----------	----------	2,236,027	2,199,836	13,037	23,154	----------	4,830,259	2,594,232	32
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	33
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	34
6,690,733	263,792	800,288	5,315,038	230,772	80,843	----------	4,238,037	2,986,948	1,041,474	209,615	----------	14,433,571	10,195,534	35
824,213	----------	117,768	706,445	----------	----------	----------	7,538,028	7,500,362	11,187	26,479	----------	8,864,332	1,326,304	36
526,116	67,207	69,839	336,761	52,309	----------	----------	592,735	514,118	48,535	30,082	----------	1,426,249	833,514	37
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	38
248,483	20,300	29,730	165,086	33,367	----------	----------	388,331	382,820	816	4,695	----------	815,632	427,301	39
18,969	----------	70	5,886	13,013	----------	----------	19,282	18,071	186	1,025	----------	92,632	73,350	40
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	41
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	42
171,247	27,355	20,064	120,376	3,452	----------	----------	359,206	345,971	5,762	6,231	1,242	673,317	314,111	43
2,091,718	243,942	257,616	1,320,593	269,567	----------	----------	4,831,613	4,682,059	80,800	66,719	2,035	8,227,721	3,396,108	44
169,715	14,600	32,310	108,410	14,395	----------	----------	253,686	240,918	226	12,542	----------	554,437	300,751	45
26,369	2,400	1,446	21,323	1,200	----------	----------	60,966	59,316	249	1,021	380	115,103	54,137	46
(5)	----------	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	47
3,874,091	5,625	414,971	3,452,295	----------	----------	1,200	12,579,818	11,938,212	454,983	131,983	54,640	20,127,897	7,548,079	48
86,980,682	2,709,558	16,952,736	59,884,896	6,127,016	1,107,977	198,499	152,960,419	145,361,366	3,660,248	3,352,310	586,495	312,219,962	159,259,543	49
5,123,974	121,212	661,166	3,496,471	736,564	6,203	102,358	15,702,881	15,387,948	197,846	117,087	----------	36,772,785	21,069,904	50
1,190,853	134,974	110,531	804,489	117,431	16,976	6,452	3,131,689	3,099,476	6,007	20,634	5,572	5,052,354	1,920,665	51
2,591,676	32,679	327,232	1,943,490	257,272	31,003	----------	4,226,404	3,894,772	81,515	17,411	232,706	8,328,300	4,101,896	52
699,722	60,750	58,584	470,036	94,280	16,072	----------	1,996,362	1,834,801	59,480	102,081	----------	3,312,284	1,315,922	53
843,424	95,875	173,281	449,065	125,203	----------	----------	533,243	366,154	3,400	15,995	147,694	1,844,275	1,311,032	54
3,112,434	290,390	654,377	1,718,995	414,921	24,441	9,310	9,920,948	9,391,711	142,436	333,421	53,380	20,232,066	10,311,118	55
321,132	54,870	24,825	216,919	24,518	----------	----------	431,411	415,668	5,910	9,833	----------	940,973	509,562	56
7,484,171	142,881	985,618	6,212,645	137,671	3,791	1,565	11,604,077	9,998,425	784,318	817,892	3,442	27,240,688	15,636,611	57
8,588,664	406,090	1,137,619	6,493,758	532,701	18,496	----------	10,673,388	9,926,058	417,363	298,884	31,083	24,291,826	13,618,438	58
15,794,368	187,168	2,667,356	10,837,615	1,114,427	928,633	59,169	38,575,537	36,385,781	1,175,075	1,007,911	6,770	64,478,658	25,903,121	59

TABLE 9.—GENERAL STATISTICS FOR

	Group, No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS ENGAGED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [3]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
		PITTSBURGH INDUSTRIAL AREA—Continued									
1	16	Electrical machinery	24	5	15,661	52	3,455	11,460	662	32	.....
2	17	Machinery (except electrical)	24	5	3,171	36	507	2,480	141	.....	7
3	20	Miscellaneous industries	34	24	1,827	36	288	1,269	227	1	6
4	2	Tobacco manufactures	6	4	260	5	8	238	3	.....	6
5	3	Textile-mill products and other fiber manufactures	3	....	648	11	37	593	7	....	.....
6	19	Transportation equipment except automobiles	3	....	1,272	3	278	986	5	.....	.....
7	10	Products of petroleum and coal	1	...	1,165	8	111	1,000	45	....	1
8	11	Rubber products	2								
		YOUNGSTOWN INDUSTRIAL AREA									
9		All industries, total	547	314	82,693	397	7,269	72,826	1,643	490	68
10	15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	4	2	90	3	10	74	3	.....	.....
11	14	Blast-furnace products	12	.....	2,664	2	249	2,390	1	22	.....
12	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	88	116	1,054	8	71	876	83	2	14
13	13	Brick and hollow structural tile	8	1	395	3	19	362	4	7	.....
14	19	Cars and car equipment—railroad, street, and rapid-transit	3	.....	1,020	4	168	842	4	2	.....
15	13	Cement	3	.....	560	6	50	456	25	16	7
16	14	Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills	6	3	880	11	76	755	19	19	.....
17	9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	4	.....	81	.....	10	71	.....	.....	.....
18	13	Concrete products	16	15	118	6	13	94	5	.....	.....
19	1	Condensed and evaporated milk	5	1	38	.....	5	31	2	.....	.....
20	1	Creamery butter	7	2	21	1	5	12	3	.....	.....
21	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	11	2	1,817	10	95	1,691	21	.....	.....
22	1	Flour and other grain-mill products	6	6	77	2	14	57	1	2	1
23	8	General commercial (job) printing	23	26	139	10	12	112	5	.....	.....
24	16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	6	.....	4,352	13	712	3,485	136	6	.....
25	14	Gray-iron and semisteel castings	10	1	925	4	39	882	.....	.....	.....
26	9	Grease and tallow (except lubricating greases)	3	3	44	4	3	37	.....	.....	.....
27	1	Ice cream and ices	13	7	344	8	46	156	134	.....	.....
28	1	Ice, manufactured	10	.....	82	9	8	32	32	.....	1
29	17	Machine-shop products, not elsewhere classified	13	8	1,015	12	122	800	74	.....	7
30	17	Machine-shop repairs	3	2	19	.....	1	18	.....	.....	.....
31	1	Malt liquors	3	.....	166	9	10	92	51	.....	4
32	1	Meat packing, wholesale	6	5	118	2	10	97	8	.....	1
33	17	Metalworking machinery and equipment, not elsewhere classified	4	.....	1,004	3	179	811	5	.....	6
34	13	Minerals and earths, ground or otherwise treated	6	.....	273	3	21	247	2	.....	.....
35	20	Models and patterns (except paper patterns)	5	8	18	.....	3	15	.....	.....	.....
36	8	Newspapers: publishing and printing	20	10	702	24	230	327	118	3	.....
37	1	Nonalcoholic beverages	11	9	141	7	19	48	66	.....	1
38	15	Nonferrous-metal foundries (except aluminum)	5	.....	187	9	19	155	2	.....	2
39	10	Oven coke and coke-oven byproducts	4	.....	864	.....	62	772	.....	30	.....
40	10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	5	1	52	.....	12	33	2	4	1
41	5	Planing mills not operated in conjunction with sawmills	5	1	31	2	5	23	1	.....	.....
42	13	Pottery products not elsewhere classified	3	4	186	3	9	172	.....	2	.....
43	14	Power boilers and associated products	12	1	1,126	27	145	926	28	.....	.....
44	1	Prepared feeds (including mineral) for animals and fowls	4	6	11	.....	.....	11	.....	.....	.....
45	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	3	.....	29	.....	3	26	.....	.....	.....
46	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	19	20	61	.....	2	57	2	.....	.....
47	15	Sheet-metal work not specifically classified	4	.....	150	3	24	122	.....	.....	1
48	20	Signs, advertising displays, and advertising novelties	4	3	81	.....	6	73	2	....	....
49	14	Stamped and pressed metal products (except automobile stampings)	6	1	1,421	10	70	1,283	58	.....	.....
50	14	Steel barrels, kegs, and drums	4	.....	712	9	58	629	16	....	....
51	14	Steel castings	3	....	1,149	2	92	1,031	4	17	3
52	14	Steel works and rolling mills	18	.....	41,233	13	2,975	37,876	35	331	.....
53	13	Whiteware	3	.....	1,683	8	84	1,544	31	11	5
54	14	Wirework not elsewhere classified	3	.....	90	6	7	76	1	.....	.....
55	6	Wooden boxes except cigar boxes	3		63	2	7	54			.....
56	14	Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills	6	.....	943	15	130	796	2	....	.....

See footnotes at end of table.

INDUSTRIAL AREAS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [3]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
PITTSBURGH INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
28,666,060	468,271	7,604,878	18,861,426	1,671,303	60,182	----------	31,298,249	30,457,450	501,119	292,026	47,654	71,445,597	40,147,348	1
5,241,779	200,808	1,101,486	3,557,985	374,013	----------	7,487	6,223,769	6,004,551	96,899	107,649	14,670	15,151,558	8,927,789	2
3,054,288	323,886	622,508	1,667,703	435,007	2,180	3,004	6,706,028	6,595,761	22,752	71,532	15,983	13,843,196	7,137,168	3
4,268,137	189,704	823,275	3,154,299	91,705	----------	9,154	11,936,433	11,602,810	166,128	139,954	27,541	19,285,402	7,348,969	4, 5, 6, 7, 8
YOUNGSTOWN INDUSTRIAL AREA														
130,884,786	2,305,901	16,417,261	107,944,195	3,149,563	986,693	81,173	402,716,763	364,486,151	32,413,140	5,724,874	92,598	629,223,979	226,507,216	9
117,126	14,500	15,027	72,130	15,469	----------	----------	53,544	52,284	689	571	----------	231,909	178,365	10
4,330,043	19,250	681,864	3,577,067	2,831	49,031	----------	56,139,049	38,803,365	17,085,087	250,597	----------	62,738,907	6,599,858	11
1,455,763	32,420	138,633	1,179,164	86,499	1,293	17,754	2,324,141	2,211,690	66,794	45,657	----------	5,055,265	2,731,124	12
432,668	8,900	35,183	376,255	7,800	4,530	----------	260,139	137,217	80,582	42,340	----------	1,063,094	802,955	13
1,595,904	46,245	366,701	1,164,793	14,150	4,015	----------	4,923,252	4,819,049	39,709	64,494	----------	8,137,424	3,214,172	14
837,328	41,795	107,119	593,863	57,926	25,418	11,207	913,404	512,551	237,410	163,443	----------	2,765,859	1,852,455	15
1,582,259	106,076	177,622	1,201,365	61,596	35,600	----------	4,873,643	4,562,138	107,994	203,511	----------	8,495,530	3,621,887	16
(5)	----------	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	17
153,587	19,256	19,578	100,005	14,748	----------	----------	355,387	345,266	4,665	5,456	----------	712,092	356,705	18
(5)	----------	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	19
23,711	1,900	6,348	10,364	5,099	----------	----------	200,002	191,520	5,204	3,278	----------	255,291	55,289	20
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	21
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	22
214,419	24,611	16,471	161,967	11,370	----------	----------	151,711	138,852	2,522	6,407	3,930	533,675	381,964	23
7,535,404	102,523	1,494,400	5,584,901	283,791	69,789	----------	11,910,481	11,661,475	90,991	158,015	----------	23,486,867	11,576,386	24
(5)	(5)	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	25
67,857	14,130	5,103	48,624	----------	----------	----------	127,162	112,009	10,527	3,721	905	203,227	76,065	26
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	27
100,390	19,583	12,265	42,229	24,932	----------	1,381	60,250	9,834	8,799	41,617	----------	280,423	220,173	28
1,593,612	101,819	237,737	1,165,349	84,067	----------	4,640	1,744,085	1,643,629	33,862	66,594	----------	4,199,889	2,455,804	29
21,256	----------	724	20,532	----------	----------	----------	26,641	24,556	340	1,745	----------	59,747	33,106	30
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	31
194,956	20,200	23,115	135,459	15,082	----------	1,100	1,661,818	1,647,699	3,206	10,913	----------	2,019,435	357,617	32
1,989,005	26,610	532,537	1,409,238	12,480	----------	8,140	2,718,958	2,629,086	35,268	54,604	----------	7,336,752	4,617,794	33
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	34
21,079	----------	2,080	18,999	----------	----------	----------	13,200	12,283	226	691	----------	53,845	40,645	35
1,389,524	173,887	443,794	594,142	165,421	12,280	----------	583,882	544,601	9,215	29,431	635	3,451,979	2,868,097	36
208,898	28,969	27,706	49,488	98,370	3,645	720	449,612	439,929	3,923	5,760	----------	1,107,762	658,150	37
314,543	33,621	50,564	221,793	7,240	----------	1,325	429,278	405,146	15,413	8,442	277	911,382	482,104	38
(5)	----------	(5)	(5)	----------	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	39
63,322	----------	15,836	37,738	3,000	5,456	1,292	179,057	162,818	8,799	6,748	692	368,505	189,448	40
53,434	5,595	6,585	40,302	952	----------	----------	76,496	72,400	487	3,609	----------	145,872	69,376	41
(5)	(5)	(5)	(5)	----------	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	42
1,879,276	143,875	329,996	1,353,885	51,520	----------	----------	4,729,979	4,588,993	39,636	101,350	----------	8,255,908	3,525,929	43
10,696	----------	----------	10,696	----------	----------	----------	122,478	118,950	812	2,716	----------	157,919	35,441	44
36,822	----------	6,130	30,692	----------	----------	----------	367,605	361,861	3,668	2,076	----------	485,068	117,463	45
46,164	----------	2,550	42,014	1,600	----------	----------	79,636	69,750	5,986	----------	3,900	229,065	149,429	46
178,851	9,845	48,567	119,839	----------	----------	600	731,001	717,731	5,512	7,758	----------	1,153,412	422,411	47
(5)	----------	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	48
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	49
1,129,913	71,075	129,267	871,324	58,247	----------	----------	3,936,586	3,844,698	28,919	54,275	8,694	5,940,644	2,004,058	50
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	51
67,846,564	79,339	7,294,420	59,749,801	89,091	633,913	----------	212,345,294	197,296,269	12,275,709	2,773,316	----------	315,713,785	103,368,491	52
2,126,066	60,994	117,482	1,876,621	50,505	11,815	8,649	1,079,549	934,147	117,681	27,721	----------	3,818,132	2,738,583	53
130,744	25,852	11,658	89,634	3,600	----------	----------	504,775	497,450	3,313	4,012	----------	968,727	463,952	54
(5)	(5)	(5)	(5)	----------	----------	----------	(5)	(5)	----------	(5)	----------	(5)	(5)	55
1,417,462	121,113	236,189	1,050,860	9,300	----------	----------	6,170,813	5,937,544	167,590	56,604	9,075	9,254,484	3,083,671	56

TABLE 9.—GENERAL STATISTICS FOR

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
		YOUNGSTOWN INDUSTRIAL AREA—Continued									
1		Other industries [6]	205	75	21,949	177	1,845	18,909	932	64	22
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]									
2	1	Food and kindred products	36	21	675	19	79	372	196	2	7
3	4	Apparel and other finished products made from fabrics and similar materials	8	3	904	8	28	862	5	1	.....
4	6	Furniture and finished lumber products	18	9	1,843	16	156	1,477	189	.....	5
5	8	Printing, publishing, and allied industries	8	3	124	11	23	77	13	.....	.....
6	9	Chemicals and allied products	18	3	444	11	69	346	12	3	3
7	13	Stone, clay, and glass products	23	5	2,522	24	161	2,294	41	2	.....
8	14	Iron and steel and their products, except machinery	46	8	7,466	47	508	6,739	147	22	3
9	16	Electrical machinery	9	3	2,766	6	242	2,439	76	.....	3
10	17	Machinery (except electrical)	11	4	1,409	11	247	1,077	73	.....	1
11	20	Miscellaneous industries	11	9	117	3	10	93	11	.....	.....
12	10	Products of petroleum and coal	5	.....	870	1	63	776	.....	30	.....
13	12	Leather and leather products	3	1	727	7	35	679	6	.....	.....
14	15	Nonferrous metals and their products	3	2	831	3	67	714	47	.....	.....
15	3	Textile-mill products and other fiber manufactures	1								
16	7	Paper and allied products	1								
17	11	Rubber products	2	4	1,251	10	157	964	116	4	.....
18	18	Automobiles and automobile equipment	2								
		ALLENTOWN-BETHLEHEM INDUSTRIAL AREA									
19		All industries, total	624	394	62,802	551	5,309	55,342	1,326	184	90
20	1	Biscuit, crackers, and pretzels	6	4	148	4	4	134	6	.....	.....
21	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	59	56	980	11	50	834	45	3	37
22	1	Candy and other confectionery products	4	5	257	3	14	240	.....	.....	.....
23	6	Caskets, coffins, burial cases, and other morticians' goods	3	.....	42	4	11	26	1	.....	.....
24	13	Cement	18	.....	4,482	14	392	3,876	106	84	10
25	1	Cheese	3	10	6	.....	.....	6	.....	.....	.....
26	9	Colors and pigments	3	.....	443	2	59	362	6	14	.....
27	9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	3	.....	37	.....	5	32	.....	.....	.....
28	13	Concrete products	9	7	176	1	22	151	2	.....	.....
29	1	Creamery butter	5	4	4	.....	1	3	.....	.....	.....
30	9	Drugs and medicines (including drug grinding)	3	1	25	3	6	9	7	.....	.....
31	3	Dyeing and finishing cotton, rayon, silk, and linen textiles	7	4	510	1	15	493	1	.....	.....
32	15	Electroplating, plating, and polishing	3	1	150	.....	20	121	7	.....	2
33	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	5	3	488	8	61	363	56	.....	.....
34	1	Flour and other grain-mill products	9	9	86	9	11	60	6	.....	.....
35	1	Food preparations, not elsewhere classified	3	2	29	2	3	17	7	.....	.....
36	20	Furs, dressed and dyed	3	.....	391	7	17	353	11	3	.....
37	8	General commercial (job) printing	28	23	575	20	85	459	11	.....	.....
38	14	Gray-iron and semisteel castings	5	3	143	6	11	124	2	.....	.....
39	9	Grease and tallow (except lubricating greases)	3	4	20	.....	.....	14	6	.....	.....
40	3	Hosiery—full-fashioned	7	4	2,780	5	115	2,654	4	.....	2
41	4	House dresses, uniforms, and aprons—made in contract factories	5	6	306	1	4	293	.....	.....	8
42	6	Household furniture, except upholstered	4	2	172	5	18	145	4	.....	.....
43	1	Ice cream and ices	8	7	112	3	11	50	45	3	.....
44	1	Ice, manufactured	14	5	110	11	15	50	34	.....	.....
45	17	Industrial machinery, not elsewhere classified	3	.....	123	3	16	99	5	.....	.....
46	3	Knitted cloth	3	.....	1,276	8	62	1,179	22	.....	5
47	3	Knitted underwear	7	1	1,419	5	89	1,310	15	.....	.....
48	17	Machine-shop products, not elsewhere classified	7	9	44	1	11	30	2	.....	.....
49	1	Malt liquors	9	4	536	18	32	325	151	6	4
50	1	Meat packing, wholesale	4	4	378	4	28	308	38	.....	.....
51	4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in contract factories	8	9	1,937	11	25	1,896	.....	2	3
52	4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	8	2	1,132	5	38	1,074	13	1	1
53	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	12	7	1,727	11	38	1,667	4	2	5
54	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	8	5	146	12	15	99	19	.....	1
55	4	Men's and boys' underwear—made in contract factories	3	7	719	5	7	707	.....	.....	.....
56	4	Men's and boys' underwear—made in inside factories or by jobbers engaging contractors	5	5	750	2	28	709	2	9	.....
57	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	33	27	1,363	36	64	1,226	35	2	.....
58	18	Motor vehicles, motor-vehicle bodies, parts and accessories	3	2	3,040	.....	732	2,304	4	.....	.....
59	8	Newspapers: publishing and printing	11	7	624	17	257	264	86	.....	.....

See footnotes at end of table.

INDUSTRIAL AREAS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
YOUNGSTOWN INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
31,786,140	951,918	3,824,010	24,943,062	1,912,877	129,908	24,365	82,473,855	78,979,361	1,912,602	1,517,402	64,490	149,632,104	67,158,249	1
957,153	53,550	113,250	581,411	199,117	3,223	6,602	3,370,429	3,238,832	69,439	60,265	1,893	6,285,150	2,914,721	2
638,324	34,836	39,206	550,015	13,267	1,000	----------	1,686,723	1,672,763	4,187	9,773	----------	2,861,138	1,174,415	3
3,151,601	138,342	341,661	2,294,664	369,434	----------	7,500	4,293,287	4,214,749	40,476	38,062	----------	8,705,213	4,411,926	4
178,095	43,234	21,235	92,792	20,133	701	----------	63,952	55,173	942	4,729	3,108	375,661	311,709	5
675,196	17,509	140,752	495,805	11,306	6,835	2,989	2,145,875	1,916,335	56,335	172,407	798	5,036,389	2,890,514	6
3,533,306	172,539	380,237	2,842,547	134,198	3,785	----------	2,598,879	1,874,803	551,878	161,648	10,550	10,095,029	7,496,150	7
11,017,729	216,073	1,050,070	9,438,761	277,832	32,401	2,592	36,987,647	35,973,553	424,206	573,671	16,217	56,362,798	19,375,151	8
3,549,563	21,445	499,344	2,857,822	167,352	----------	3,600	9,715,580	9,383,721	133,813	198,046	----------	24,012,133	14,296,553	9
2,119,999	49,045	475,382	1,446,774	147,716	----------	1,082	2,128,201	2,002,939	92,575	24,505	8,182	6,338,169	4,209,968	10
139,555	19,217	19,847	85,241	15,250	----------	----------	115,806	100,565	10,406	3,318	1,517	420,258	304,452	11
5,825,619	186,128	743,026	4,257,230	557,272	81,963	----------	19,367,476	18,545,928	528,345	270,978	22,225	29,140,166	9,772,690	12, 13, 14, 15, 16, 17, 18
ALLENTOWN-BETHLEHEM INDUSTRIAL AREA														
74,542,854	3,014,625	10,097,322	58,666,927	2,369,317	284,529	110,134	138,871,123	120,729,000	12,719,538	3,695,867	1,726,718	280,591,946	141,720,823	19
132,737	12,915	5,686	107,173	6,963	----------	----------	144,263	129,228	10,501	4,534	----------	367,011	222,748	20
1,296,569	57,880	85,858	1,025,951	56,098	8,641	62,141	2,127,216	2,020,007	69,219	37,990	----------	4,433,995	2,306,779	21
(5)	(5)	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	22
41,340	5,200	10,304	24,456	1,380	----------	----------	48,124	45,660	1,461	1,003	----------	104,117	55,993	23
6,839,088	141,340	959,217	5,370,937	196,193	157,692	13,709	10,423,591	5,165,805	3,866,613	1,375,237	15,936	27,323,790	16,900,199	24
4,500	----------	----------	4,500	----------	----------	----------	45,763	44,552	982	229	----------	63,352	17,589	25
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	26
(5)	----------	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	27
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	28
3,927	----------	858	3,069	----------	----------	----------	52,057	49,724	1,000	1,333	----------	62,845	10,788	29
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	30
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	31
(5)	----------	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	32
														33
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	
128,917	22,380	21,498	72,350	12,689	----------	----------	902,385	892,022	6,105	4,258	----------	1,157,881	255,496	34
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	35
577,879	29,900	45,081	461,404	37,068	4,426	----------	158,927	147,268	1,796	9,863	----------	873,885	714,958	36
763,766	91,870	151,095	501,381	19,420	----------	----------	543,783	510,492	11,737	18,951	2,603	1,817,280	1,273,497	37
155,995	17,725	15,567	118,979	3,724	----------	----------	139,177	122,394	11,515	5,268	----------	401,948	262,771	38
(5)	----------	----------	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	39
2,970,799	42,379	189,197	2,675,852	61,281	----------	2,090	2,941,116	2,854,341	38,823	47,952	----------	7,580,489	4,639,373	40
147,564	2,080	4,144	136,266	----------	----------	5,074	9,083	4,091	488	3,704	800	219,836	210,753	41
158,661	12,350	28,060	104,682	13,569	----------	----------	102,971	91,206	5,807	5,958	----------	306,918	203,947	42
106,141	8,164	11,853	61,801	21,617	2,706	----------	262,336	235,670	15,688	10,978	----------	556,198	293,862	43
139,666	23,926	26,043	57,217	32,480	----------	----------	63,722	11,735	17,826	34,161	----------	346,355	282,633	44
205,316	33,962	43,316	121,857	6,181	----------	----------	217,193	207,217	3,325	6,651	----------	534,149	316,956	45
1,145,905	79,820	90,468	951,159	22,604	----------	1,854	3,280,735	2,979,662	73,111	46,987	180,975	5,421,819	2,141,084	46
1,321,934	93,449	218,586	974,866	35,033	----------	----------	2,562,707	2,518,273	20,391	23,426	617	4,626,583	2,063,876	47
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	48
964,427	83,316	81,570	538,769	244,783	10,989	5,000	1,430,050	1,320,021	84,667	25,362	----------	4,210,710	2,780,660	49
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	50
1,227,963	53,165	34,732	1,134,284	----------	3,692	2,090	149,114	126,475	6,716	12,366	3,557	1,605,151	1,456,037	51
758,541	20,005	72,076	645,981	17,842	1,437	1,200	1,990,587	1,871,644	1,242	10,898	106,803	3,334,928	1,344,341	52
1,359,655	61,310	60,611	1,227,795	3,658	1,485	4,796	302,573	265,091	8,766	15,036	13,680	2,178,245	1,875,672	53
192,452	50,219	16,940	98,817	25,809	----------	667	1,401,651	945,144	1,076	4,200	451,231	1,854,187	452,536	54
(5)	(5)	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	55
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	56
1,579,909	90,931	100,508	1,336,179	49,051	3,240	----------	782,046	629,470	46,021	100,813	5,742	2,795,746	2,013,700	57
(5)	----------	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	58
1,085,635	122,012	374,022	472,816	116,785	----------	----------	425,230	382,709	11,587	28,772	2,162	2,521,144	2,095,914	59

TABLE 9.—GENERAL STATISTICS FOR

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
		ALLENTOWN-BETHLEHEM INDUSTRIAL AREA—Continued									
1	8	Newspapers: publishing without printing	3	2	43	1	13	13	16		
2	1	Nonalcoholic beverages	17	16	176	3	15	71	87		
3	7	Paperboard containers and boxes not elsewhere classified	6	7	184		7	177			
4	8	Periodicals: publishing without printing	3	3	4		4				
5	5	Planing mills not operated in conjunction with sawmills	9	6	116	16	14	85	1		
6	14	Power boilers and associated products	4	3	114	5	13	90	6		
7	1	Prepared feeds (including minerals) for animals and fowls	8	3	107	9	16	65	14	3	
8	3	Rayon broad woven goods—contract factories	18	13	1,133	17	39	1,077			
9	3	Rayon broad woven goods—regular factories or jobbers engaging contractors	8	2	1,096	9	42	1,042	3		
10	3	Rayon throwing and spinning—contract factories	3	1	392	2	18	370	2		
11	20	Signs, advertising displays, and advertising novelties	3	2	55	1	5	24	25		
12	3	Silk broad woven goods—contract factories	8	3	496	10	19	466	1		
13	3	Silk broad woven goods—regular factories or jobbers engaging contractors	4		871	10	30	831			
14	3	Silk narrow fabrics	9	3	636	9	35	592			
15	3	Silk throwing and spinning—contract factories	10	1	2,412	10	114	2,285	3		
16	14	Steel works and rolling mills	4		12,538		1,227	11,306	5		
17	17	Textile machinery	3	2	112	2	9	91	10		
18	4	Trousers (semidress), wash suits, and washable service apparel	3	3	159	2	5	151	1		
19	6	Upholstered household furniture	4	4	139	7	6	121	5		
20	4	Women's and misses' blouses and waists—made in contract factories	6	6	306	2	6	297		1	
21	4	Women's and misses' dresses (except house dresses)—made in contract factories	4	11	297		5	292			
22	4	Women's, children's, and infants' underwear and nightwear of knitted fabrics	3	2	665	4	55	572	30		4
23	4	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	5		923	7	40	838	38		
24	12	Women's pocketbooks, handbags, and purses	3		619	4	16	599			
25	6	Wood products not elsewhere classified	9	7	203	8	16	175	4		
26		Other industries [6]	212	111	32,760	201	3,460	28,493	521	75	10
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]									
27	1	Food and kindred products	15	13	690	9	47	589	45		
28	3	Textile-mill products and other fiber manufactures	22	8	2,651	16	226	2,379	6	24	
29	4	Apparel and other finished products made from fabrics and similar materials	41	32	4,872	40	204	4,512	97	11	8
30	6	Furniture and finished lumber products	7	2	181	13	15	145	8		
31	8	Printing, publishing, and allied industries	9	8	128	6	23	92	7		
32	9	Chemicals and allied products	22	7	1,078	15	163	825	40	35	
33	13	Stone, clay, and glass products	15	9	260	6	31	219	4		
34	14	Iron and steel and their products, except machinery	21	7	15,021	33	1,458	13,413	117		
35	15	Nonferrous metals and their products	8	3	331	4	22	288	15		2
36	16	Electrical machinery	5		705	10	124	522	49		
37	17	Machinery (except electrical)	17	10	1,346	34	205	1,008	97	2	
38	20	Miscellaneous industries	13	8	560	6	41	482	30	1	
39	2	Tobacco manufactures	5	1	766		55	709	2		
40	18	Automobiles and automobile equipment	3	2	3,040		732	2,304	4		
41	5	Lumber and timber basic products	1								
42	7	Paper and allied products	2								
43	10	Products of petroleum and coal	2	1	1,131	9	114	1,006		2	
44	11	Rubber products	1								
45	12	Leather and leather products	2								
46	19	Transportation equipment except automobiles	1								
		READING INDUSTRIAL AREA									
47		All industries, total	506	317	46,209	507	2,968	40,612	1,819	214	89
48	16	Batteries, storage and primary (dry and wet)	3		679	10	67	527	57	6	12
49	1	Biscuit, crackers, and pretzels	13	16	223	6	13	198	5	1	
50	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	44	46	629	6	32	518	41	10	22
51	20	Brooms	5	4	192	5	10	168	9		
52	1	Candy and other confectionery products	8	7	787	2	34	693	58		
53	3	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	4	1	304	4	17	273	10		
54	2	Cigars	4	4	142	3	6	121	12		
55	13	Concrete products	4	2	39	1	2	36			
56	1	Creamery butter	5	9	8		1	7			
57	4	Embroideries: Schiffli-machine products	3	2	93	2	6	85			
58	14	Fabricated structural steel and ornamental metalwork, made in plants not operated in connection with rolling mills	5	3	116	8	8	98	2		
59	1	Flour and other grain-mill products	17	31	47		4	37	6		
60	1	Food preparations, not elsewhere classified	3	3	18		1	12	5		
61	12	Footwear (except rubber)	6		1,147	13	92	995	47		
62	8	General commercial (job) printing	14	11	104	11	13	80			

See footnotes at end of table.

INDUSTRIAL AREAS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing: Salaries [2]	Manufacturing: Wages	Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
ALLENTOWN-BETHLEHEM INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
54,391	3,260	16,428	17,248	17,455	----------	----------	48,117	3,500	----------	----------	44,617	129,532	81,415	1
218,403	8,235	17,089	70,856	122,223	----------	----------	349,785	337,454	4,624	7,707	----------	894,321	544,536	2
146,153	----------	8,377	137,776	----------	----------	----------	216,372	210,866	1,311	3,304	891	487,661	271,289	3
1,451	----------	1,451	----------	----------	----------	----------	9,023	102	----------	----------	8,921	21,368	12,345	4
168,714	36,384	22,350	98,730	1,250	----------	----------	114,161	99,448	6,408	8,305	----------	315,013	200,852	5
160,852	25,617	24,786	105,014	5,435	----------	----------	238,844	222,316	2,552	10,917	3,059	421,991	183,147	6
173,885	43,022	27,701	81,079	17,651	4,432	----------	968,435	941,141	6,330	20,964	----------	1,276,923	308,488	7
949,586	80,520	59,914	809,152	----------	----------	----------	171,494	54,403	6,823	57,078	53,190	1,359,977	1,188,483	8
879,428	50,204	70,610	737,894	20,720	----------	----------	1,723,057	1,560,723	18,020	38,731	105,583	3,186,924	1,463,867	9
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	10
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	11
328,345	31,049	18,820	276,476	2,000	----------	----------	42,151	11,119	4,549	26,483	----------	405,103	362,952	12
705,753	37,208	49,138	619,407	----------	----------	----------	1,764,684	1,678,764	27,910	36,209	21,801	3,059,477	1,294,793	13
606,621	66,740	56,885	482,996	----------	----------	----------	649,178	616,507	8,792	17,229	6,650	1,562,208	913,030	14
1,821,567	58,200	186,281	1,557,658	19,428	----------	----------	568,970	300,497	12,651	175,319	80,503	3,289,277	2,720,307	15
(5)	----------	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	16
155,363	47,900	17,078	70,443	19,942	----------	----------	350,163	346,078	1,312	2,773	----------	588,134	237,971	17
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	18
138,998	18,166	11,285	106,618	2,929	----------	----------	269,361	181,630	2,400	2,835	82,496	465,355	195,994	19
(5)	(5)	(5)	(5)	----------	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	20
139,063	----------	4,082	134,981	----------	----------	----------	18,420	13,772	769	3,879	----------	233,744	215,324	21
565,955	23,720	79,775	388,536	68,799	----------	5,125	1,186,660	1,178,630	3,540	4,490	----------	2,067,480	880,820	22
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	23
527,779	20,575	49,691	457,513	----------	----------	----------	1,279,356	1,272,691	1,070	5,595	----------	2,102,538	823,182	24
194,131	28,604	23,619	137,188	4,720	----------	----------	323,930	314,493	3,552	5,599	286	621,115	297,185	25
43,307,130	1,278,923	6,704,672	34,148,821	1,082,537	85,789	6,388	98,072,562	87,814,965	8,290,462	1,432,520	534,615	183,405,243	85,332,681	26
892,452	176,953	77,423	571,649	66,427	----------	----------	5,113,673	5,045,797	55,405	12,471	----------	6,582,149	1,468,476	27
2,292,731	129,535	354,990	1,763,096	28,302	16,808	----------	3,669,081	3,225,103	117,235	145,621	181,122	8,320,687	4,651,606	28
3,426,686	218,343	265,444	2,765,288	162,224	10,607	4,780	6,592,582	6,342,614	15,400	60,022	174,546	12,289,843	5,697,261	29
146,146	21,214	16,643	95,020	13,269	----------	----------	210,209	195,245	5,554	9,410	----------	386,346	176,137	30
169,565	21,268	32,339	101,592	14,366	----------	----------	147,347	139,193	1,589	4,732	1,833	411,497	264,150	31
1,614,538	96,680	335,431	1,051,722	79,965	50,740	----------	4,178,822	3,911,443	148,425	118,954	----------	7,361,206	3,182,384	32
326,108	6,675	54,815	258,316	6,302	----------	----------	820,574	608,651	33,518	17,640	160,765	1,673,992	853,418	33
24,669,115	250,686	3,519,434	20,593,454	305,541	----------	----------	44,892,291	36,439,918	7,626,180	817,693	8,500	94,945,730	50,053,439	34
381,138	57,200	32,535	252,151	37,644	----------	1,608	708,414	672,194	18,560	17,660	----------	1,503,924	795,510	35
711,880	42,584	164,959	416,486	87,851	----------	----------	1,159,271	1,130,444	9,159	11,819	7,849	2,155,250	995,979	36
1,963,379	193,657	345,886	1,225,710	194,449	3,677	----------	2,515,310	2,375,743	51,542	88,025	----------	5,195,541	2,680,231	37
658,947	22,055	66,479	491,753	77,792	868	----------	1,069,014	1,043,126	14,101	11,787	----------	2,559,280	1,490,266	38
														39
														40
														41
6,054,445	42,073	1,438,294	4,562,584	8,405	3,089	----------	26,995,974	26,685,494	193,794	116,686	----------	40,019,798	13,023,824	42–46
READING INDUSTRIAL AREA														
54,084,668	2,821,587	5,311,860	41,696,675	3,800,160	346,760	107,626	70,786,419	64,839,802	2,160,396	1,887,808	1,898,413	154,764,625	83,978,206	47
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	48
229,171	25,876	21,763	168,952	9,538	3,042	----------	292,671	262,893	22,541	7,237	----------	681,880	389,209	49
809,446	47,880	44,906	646,569	35,740	16,640	17,711	1,396,178	1,319,495	35,103	41,580	----------	2,932,493	1,536,315	50
180,645	21,140	13,393	130,104	16,008	----------	----------	286,916	279,318	3,081	4,517	----------	611,896	324,980	51
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	52
206,063	10,326	21,104	164,470	10,163	----------	----------	269,740	255,266	8,549	5,925	----------	651,150	381,410	53
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	54
46,267	3,000	2,480	40,787	----------	----------	----------	118,683	115,686	430	2,567	----------	250,158	131,475	55
6,958	----------	1,043	5,915	----------	----------	----------	146,624	143,269	1,542	1,813	----------	181,177	34,553	56
(5)	(5)	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	57
136,934	16,868	10,472	105,934	3,660	----------	----------	306,104	299,946	1,802	4,356	----------	497,694	191,590	58
50,390	----------	5,589	37,060	7,741	----------	----------	682,981	669,374	5,967	7,640	----------	872,599	189,618	59
(5)	----------	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	60
1,068,263	80,010	159,137	717,323	111,793	----------	----------	1,980,818	1,957,798	4,658	18,362	----------	3,597,800	1,616,982	61
133,854	21,332	15,157	97,365	----------	----------	----------	102,128	91,757	1,866	4,391	4,114	307,048	204,920	62

TABLE 9.—GENERAL STATISTICS FOR

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS[1] Total[2]	Salaried officers of corporations[2]	Manufacturing: Salaried employees[2]	Manufacturing: Wage earners (average for year)[3]	Distribution	Construction	Other
		READING INDUSTRIAL AREA—Continued									
1	14	Gray-iron and semisteel castings	8	1	707	14	36	644	13	...	...
2	9	Grease and tallow (except lubricating greases)	3	1	48	3	4	35	6	...	...
3	14	Hardware not elsewhere classified	4	...	1,025	15	109	894	7	...	...
4	3	Hosiery—full-fashioned	31	3	14,413	58	513	13,655	72	91	24
5	3	Hosiery—seamless	31	14	2,303	28	101	2,165	5	...	4
6	1	Ice cream and ices	10	9	78	2	11	44	20	1	...
7	1	Ice, manufactured	8	3	57	3	5	29	7	1	12
8	17	Industrial machinery, not elsewhere classified	3	...	178	7	25	91	48	5	2
9	9	Insecticides, fungicides, and related industrial and household chemical compounds	3	...	104	6	12	62	20	2	2
10	3	Knitted underwear	18	5	2,241	29	116	1,971	124	...	1
11	1	Malt liquors	3	...	247	4	28	137	78	...	...
12	6	Mattresses and bedsprings	4	2	68	8	6	54	...	...	...
13	1	Meat packing, wholesale	4	2	311	3	9	223	76	...	...
14	4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in contract factories	4	3	190	...	4	185	1	...	...
15	4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	4	...	623	2	31	565	25	...	...
16	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	4	...	383	3	14	360	5	...	1
17	20	Models and patterns (except paper patterns)	3	2	46	2	5	39	...	...	...
18	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	5	3	56	4	4	43	5	...	...
19	8	Newspapers: publishing and printing	6	4	454	11	156	200	87	...	
20	1	Nonalcoholic beverages	10	9	105	7	12	34	52	...	...
21	15	Nonferrous-metal foundries (except aluminum)	7	3	103	10	11	82	...	...	...
22	7	Paperboard containers and boxes not elsewhere classified	14	12	327	11	21	283	12	...	...
23	10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	4	...	21	...	5	16	...	...	...
24	5	Planing mills not operated in conjunction with sawmills	8	3	102	11	6	76	9	...	...
25	1	Prepared feeds (including mineral) for animals and fowls	7	8	31	...	4	25	2	...	...
26	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	3	3	11	...	3	8	...	...	...
27	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	5	6	36	...	...	36	...	...	...
28	20	Signs, advertising displays, and advertising novelties	6	4	91	2	20	67	2	...	...
29	14	Steel castings	4	...	1,584	13	146	1,331	79	15	...
30	14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	3	6	646	2	36	554	54	...	...
31	17	Textile machinery	4	...	3,321	11	255	2,793	218	44	...
32	2	Tobacco (chewing and smoking) and snuff	3	3	15	...	...	13	2	...	...
33	6	Wood products not elsewhere classified	3	2	63	1	5	57	...	...	...
34	3	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	4	...	349	3	9	336	1	...	...
35		Other industries[6]	175	94	17,899	213	1,427	14,976	1,163	95	25
		OTHER INDUSTRIES, BY INDUSTRY GROUPS[6]									
36	1	Food and kindred products	24	18	1,391	9	77	1,088	217	...	...
37	3	Textile-mill products and other fiber manufactures	22	8	3,678	40	210	3,344	72	5	7
38	4	Apparel and other finished products made from fabrics and similar materials	9	5	1,029	6	29	991	3	...	...
39	6	Furniture and finished lumber products	10	6	748	8	29	671	40	...	...
40	7	Paper and allied products	4	...	280	11	44	215	6	4	...
41	8	Printing, publishing, and allied industries	10	5	105	8	17	76	4	...	...
42	9	Chemicals and allied products	12	7	611	9	70	334	182	14	2
43	13	Stone, clay, and glass products	4	1	350	...	27	306	...	17	...
44	14	Iron and steel and their products, except machinery	18	8	3,078	42	377	2,478	179	...	2
45	15	Nonferrous metals and their products	8	8	131	4	23	97	7	...	...
46	17	Machinery (except electrical)	29	17	4,000	34	335	3,268	312	49	2
47	20	Miscellaneous industries	7	5	755	10	57	644	44	...	...
48	2	Tobacco manufactures	4	4	142	3	6	121	12	...	...
49	10	Products of petroleum and coal	4	...	21	...	5	16	...	...	...
50	16	Electrical machinery	4	2	679	10	67	527	57	6	12
51	12	Leather and leather products	1	...	901	19	54	800	28	...	...
52	18	Automobiles and automobile equipment	5								
		SCRANTON-WILKES-BARRE INDUSTRIAL AREA									
53		All industries, total	579	390	35,883	377	2,536	31,452	1,361	98	59
54	1	Biscuit, crackers, and pretzels	5	2	502	9	45	411	32	1	4
55	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	100	91	2,605	14	136	2,328	95	18	14
56	1	Candy and other confectionery products	7	2	58	7	3	48	...	...	...
57	4	Children's dresses—made in inside factories or by jobbers engaging contractors	5	2	397	...	10	387	...	...	...
58	13	Concrete products	12	11	83	5	10	58	10	...	...

See footnotes at end of table.

INDUSTRIAL AREAS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [3]	Salaries of officers of corporations [3]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
READING INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
789,016	40,939	60,797	660,495	26,785	----------	----------	520,611	408,360	71,668	20,749	19,834	1,661,938	1,141,327	1
53,485	3,840	5,516	38,084	6,045	----------	----------	72,823	54,879	8,896	9,048	----------	131,026	58,203	2
1,277,488	70,679	184,242	979,701	42,866	----------	----------	696,518	621,837	44,219	30,462	----------	2,391,256	1,694,738	3
16,123,624	511,760	970,121	14,264,994	196,081	153,075	27,593	15,333,238	14,163,235	183,579	218,618	767,806	35,784,351	20,451,113	4
1,845,059	155,856	156,096	1,517,803	8,929	----------	6,375	2,604,139	2,468,070	26,647	40,172	69,250	5,074,431	2,470,292	5
76,387	5,285	14,292	38,323	17,587	900	----------	217,240	199,040	3,610	14,590	----------	432,038	214,798	6
104,318	12,450	11,581	49,227	11,680	1,393	17,987	78,554	11,616	1,787	65,151	----------	334,773	256,219	7
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	8
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	9
,987,178	77,899	182,704	1,465,191	260,604	----------	780	3,234,572	2,958,661	23,081	33,196	219,634	6,115,015	2,880,443	10
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	11
111,096	42,929	10,126	58,041	----------	----------	----------	355,176	350,132	1,424	3,620	----------	518,733	163,557	12
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	13
86,183	----------	5,202	80,874	107	----------	----------	2,080	66	528	1,486	----------	130,247	128,167	14
483,285	20,800	45,237	367,737	49,511	----------	----------	1,114,877	1,015,875	3,031	6,131	89,840	1,819,120	704,243	15
340,861	8,588	23,251	291,696	15,796	----------	1,530	1,624,970	1,185,194	6,079	3,698	429,999	2,193,139	568,169	16
83,450	4,550	8,532	70,368	----------	----------	----------	24,974	22,643	530	1,801	----------	139,518	114,544	17
64,291	9,620	5,480	41,940	7,251	----------	----------	54,531	50,622	627	3,282	----------	169,300	114,769	18
851,677	98,428	273,901	355,600	123,748	----------	----------	340,227	316,673	8,412	13,765	1,377	1,875,115	1,534,888	19
163,322	19,948	13,054	37,077	93,243	----------	----------	273,204	265,116	3,585	4,503	----------	668,305	395,101	20
124,445	34,612	17,907	71,926	----------	----------	----------	131,892	120,681	7,460	3,278	473	320,806	188,914	21
334,691	56,600	30,911	232,948	14,232	----------	----------	439,303	427,320	3,917	8,066	----------	1,000,046	560,743	22
(5)	----------	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	23
121,621	26,109	11,286	73,842	10,384	----------	----------	167,523	155,801	3,629	8,093	----------	332,115	164,592	24
32,593	----------	5,201	24,680	2,712	----------	----------	269,329	263,593	964	4,772	----------	363,617	94,288	25
(5)	----------	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	26
19,329	----------	----------	19,329	----------	----------	----------	15,737	14,594	400	743	----------	45,827	30,090	27
126,811	17,172	39,235	67,386	3,018	----------	----------	104,639	99,920	1,592	2,557	570	271,464	166,825	28
2,317,434	111,995	308,857	1,659,136	215,703	21,743	----------	1,798,588	1,421,057	135,965	181,787	59,779	5,102,989	3,304,401	29
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	30
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	31
6,928	----------	----------	5,414	1,514	----------	----------	31,856	31,384	413	59	----------	51,141	19,285	32
61,201	5,000	7,627	48,574	----------	----------	----------	67,266	60,929	2,425	3,912	----------	175,045	107,779	33
290,978	15,300	19,930	252,978	2,770	----------	----------	403,137	367,584	13,565	21,834	154	792,274	389,137	34
23,339,926	1,244,796	2,605,730	16,808,832	2,494,951	149,967	35,650	35,226,572	32,390,118	1,516,824	1,084,047	235,583	76,287,101	41,060,529	35
1,752,176	40,813	175,277	1,127,839	408,247	----------	----------	6,938,799	6,784,126	74,569	80,104	----------	11,417,729	4,478,930	36
3,806,716	259,497	414,474	2,974,613	141,372	9,177	7,583	5,243,518	4,899,071	129,312	149,678	65,457	11,728,774	6,485,256	37
803,434	31,815	52,329	712,133	7,157	----------	----------	945,734	932,268	2,613	10,122	731	2,103,946	1,158,212	38
831,737	46,092	77,912	653,398	54,335	----------	----------	949,315	912,865	26,035	10,415	----------	2,875,495	1,926,180	39
396,714	66,164	69,954	232,495	20,676	7,425	----------	661,795	617,439	24,045	20,311	----------	1,321,741	659,946	40
182,690	38,118	25,796	108,460	10,316	----------	----------	116,220	97,009	1,762	5,366	12,083	372,512	256,292	41
1,003,612	92,775	114,570	407,822	365,524	18,743	4,178	2,392,291	2,305,592	53,044	33,655	----------	4,539,862	2,147,571	42
481,499	----------	58,481	404,942	----------	18,076	----------	601,543	208,654	246,573	146,316	----------	1,598,985	997,442	43
4,809,054	168,760	764,604	3,427,347	447,335	----------	1,008	6,418,718	5,149,670	852,213	382,812	34,023	14,515,097	8,096,379	44
178,738	17,560	46,875	105,454	8,849	----------	----------	174,077	149,006	8,987	15,591	493	405,177	231,100	45
5,948,069	207,019	517,354	4,416,183	730,224	74,489	2,800	4,726,632	4,579,976	42,601	100,992	3,063	13,661,292	8,934,660	46
932,480	70,308	91,125	673,831	97,216	----------	----------	1,433,635	1,398,244	10,881	24,510	----------	2,971,610	1,537,975	47
														48
2,213,007	205,875	196,979	1,564,315	203,700	22,057	20,081	4,624,295	4,356,198	44,189	104,175	119,733	8,774,881	4,150,586	49
														50
														51
														52
SCRANTON-WILKES-BARRE INDUSTRIAL AREA														
35,232,085	1,839,552	4,045,550	27,127,023	2,048,543	90,049	81,368	66,821,221	62,680,398	964,358	1,549,267	1,627,198	132,922,225	66,101,004	53
469,195	52,802	78,873	274,801	47,236	2,700	12,783	852,483	826,816	14,512	11,155	----------	1,632,194	779,711	54
3,195,286	52,538	230,539	2,708,568	154,945	25,142	23,554	6,042,592	5,835,072	126,546	80,974	----------	12,487,088	6,444,496	55
47,287	10,682	1,812	34,793	----------	----------	----------	99,272	94,396	2,801	2,075	----------	201,380	102,108	56
221,966	----------	14,335	207,631	----------	----------	----------	478,772	476,460	545	1,767	----------	1,154,002	675,230	57
84,508	8,270	14,816	45,158	16,264	----------	----------	196,732	189,204	2,652	4,544	332	353,954	157,222	58

TABLE 9.—GENERAL STATISTICS FOR

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
		SCRANTON-WILKES-BARRE INDUSTRIAL AREA—Continued									
1	9	Drugs and medicines (including drug grinding)	3	------	16	3	3	10	------	------	------
2	9	Explosives	4	------	188	------	25	163	------	------	------
3	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	7	3	95	9	13	72	1	------	------
4	8	General commercial (job) printing	40	34	533	24	69	434	6	------	------
5	14	Gray-iron and semisteel castings	7	5	88	7	1	80	------	------	------
6	9	Grease and tallow (except lubricating greases)	4	2	34	------	4	30	------	------	------
7	4	House dresses, uniforms, and aprons—made in contract factories	3	3	298	1	9	286	2	------	------
8	1	Ice cream and ices	18	10	215	12	22	84	94	1	2
9	1	Ice, manufactured	9	5	42	6	6	29	1	------	------
10	17	Industrial machinery, not elsewhere classified	3	2	67	3	8	56	------	------	------
11	3	Knitted underwear	4	1	687	2	35	648	2	------	------
12	3	Lace goods	3	------	1,632	7	143	1,401	81	------	------
13	17	Machine-shop products, not elsewhere classified	8	5	171	3	24	140	3	------	1
14	17	Machine-shop repairs	4	4	125	1	8	116	------	------	------
15	1	Malt liquors	10	------	719	24	70	408	162	43	12
16	6	Mattresses and bedsprings	4	3	63	2	6	50	5	------	------
17	1	Meat packing, wholesale	3	1	61	3	4	45	9	------	------
18	4	Men's and boys' hats and caps (except felt and straw)	6	6	83	2	5	71	5	------	------
19	4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	3	3	1,610	1	42	1,546	8	5	8
20	17	Mining machinery and equipment	4	2	449	8	32	348	61	------	------
21	18	Motor vehicles, motor-vehicle bodies, parts and accessories	3	2	14	1	------	10	3	------	------
22	8	Newspapers: publishing and printing	21	16	1,157	23	332	488	314	------	------
23	1	Nonalcoholic beverages	36	49	294	1	30	100	159	------	4
24	9	Paints, varnishes, and lacquers	3	2	17	4	1	7	5	------	------
25	7	Paperboard containers and boxes not elsewhere classified	4	4	76	4	4	65	1	2	------
26	8	Photoengraving, not done in printing establishments (including preparation of plates)	4	5	19	2	5	11	1	------	------
27	5	Planing mills not operated in conjunction with sawmills	11	7	82	4	10	63	5	------	------
28	1	Prepared feeds (including mineral) for animals and fowls	4	2	35	2	6	17	10	------	------
29	3	Rayon broad woven goods—contract factories	4	1	359	2	11	346	------	------	------
30	3	Rayon broad woven goods—regular factories or jobbers engaging contractors	6	2	2,388	1	181	2,206	------	------	------
31	3	Rayon throwing and spinning—contract factories	9	2	1,188	6	39	1,140	3	------	------
32	3	Rayon yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	3	------	930	5	43	882	------	------	------
33	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	9	6	161	------	11	132	17	1	------
34	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	5	6	21	------	1	20	------	------	------
35	20	Signs, advertising displays, and advertising novelties	3	3	14	------	1	11	2	------	------
36	3	Silk broad woven goods—regular factories or jobbers engaging contractors	5	------	1,112	1	63	1,048	------	------	------
37	3	Silk throwing and spinning—contract factories	22	11	4,810	20	183	4,601	6	------	------
38	3	Silk yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	3	1	744	2	41	701	------	------	------
39	14	Stamped and pressed metal products (except automobile stampings)	5	1	433	13	69	329	21	------	1
40	14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	3	------	211	8	20	181	2	------	------
41	17	Textile machinery	9	6	244	10	18	189	18	------	9
42	4	Trousers (semidress), wash suits, and washable service apparel	10	9	1,640	9	40	1,569	19	3	------
43	4	Women's and misses' dresses (except house dresses)—made in contract factories	3	4	308	3	7	293	4	1	------
44	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	6	5	484	7	22	433	20	------	2
45		Other industries [6]	150	69	11,806	125	871	10,516	259	24	11
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]									
46	1	Food and kindred products	9	------	178	4	20	139	14	1	------
47	3	Textile-mill products and other fiber manufactures	16	2	2,083	10	120	1,948	5	------	------
48	4	Apparel and other finished products made from fabrics and similar materials	24	18	2,379	12	107	2,224	35	1	------
49	6	Furniture and finished lumber products	11	8	354	9	27	305	13	------	------
50	9	Chemicals and allied products	14	2	333	10	43	266	14	------	------
51	12	Leather and leather products	3	3	252	------	27	224	1	------	------
52	13	Stone, clay, and glass products	6	2	135	11	5	107	9	3	------
53	14	Iron and steel and their products, except machinery	10	2	1,365	8	117	1,208	30	------	2
54	16	Electrical machinery	4	2	64	1	10	50	3	------	------
55	17	Machinery (except electrical)	23	16	951	31	84	745	82	------	9
56	2	Tobacco manufactures	7	2	2,504	10	209	2,256	29	------	------
57	8	Printing, publishing, and allied industries	10	3	417	9	54	351	3	------	------
58	15	Nonferrous metals and their products	3	4	12	------	------	12	------	------	------
59	20	Miscellaneous industries	5	1	706	10	44	614	19	19	------
60	5	Lumber and timber basic products	2								
61	7	Paper and allied products	1	4	73	------	4	67	2	------	------
62	10	Products of petroleum and coal	2								

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the corresponding totals shown for "All industries" for the industrial areas.

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.

[2] Figures do not include data for personnel of central-administrative offices.

[3] Each of the averages in the "Wage earners" column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

[a] and [b] To avoid disclosing exact or approximate data for individual establishments, the data for certain establishments located outside the areas have been included in the figures for the industries to which these footnotes are indexed. Data for these establishments are not, however, included in the totals for the areas.

[a] 1 establishment. [b] 2 establishments.

INDUSTRIAL AREAS, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [3]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
SCRANTON-WILKES-BARRE INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
(5)	(5)	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	1
(5)	----------	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	----------	----------	(5)	(5)	2
129,424	23,895	26,156	78,345	1,028	----------	----------	214,953	210,329	696	3,928	----------	412,613	197,660	3
888,257	105,528	116,637	660,092	6,000	----------	----------	1,334,956	1,282,735	6,707	31,552	13,962	2,731,778	1,396,822	4
108,644	22,262	523	85,859	----------	----------	----------	94,970	81,145	10,421	3,404	----------	231,021	136,051	5
35,123	----------	5,670	29,453	----------	----------	----------	99,147	89,587	7,067	2,435	58	155,585	56,438	6
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	7
252,691	55,382	26,036	81,221	87,078	1,495	1,479	796,149	753,409	8,961	33,779	----------	1,487,621	691,472	8
55,347	11,400	6,841	35,760	1,346	----------	----------	54,262	13,405	2,123	38,734	----------	191,961	137,699	9
82,468	6,800	14,307	61,361	----------	----------	----------	64,775	59,916	1,654	3,205	----------	214,993	150,218	10
513,101	3,172	50,306	457.363	2,260	----------	----------	1,140,953	1,120,301	8,009	12,643	----------	2,064,788	923,835	11
2,569,909	120,699	240,866	2,033,420	174,924	----------	----------	1,794,677	1,744,493	49,982	202	----------	5,997,474	4,202,797	12
178,523	4,950	35,341	137,150	962	----------	120	266,045	255,013	3,506	7,157	369	586,088	320,043	13
(5)	(5)	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	14
1,640,795	236,781	159,358	826,515	397,203	2,136	18,802	1,875,024	1,734,742	112,470	27,812	----------	6,111,787	4,236,763	15
68,131	7,600	9,244	44,472	6,815	----------	----------	142,701	139,946	798	1,957	----------	265,812	123,111	16
71,527	14,865	7,780	40,834	8,048	----------	----------	1,369,003	1,357,124	3,485	8,394	----------	1,517,942	148,939	17
59,097	4,318	4,449	42,819	7,511	----------	----------	81,009	78,721	139	2,149	----------	174,118	93,109	18
1,249,382	22,100	83,598	1,124,872	5,187	9,048	4,577	3,303,120	3,037,742	7,681	16,535	241,162	5,354,083	2,050,963	19
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	20
16,183	1,113	----------	11,514	3,556	----------	----------	17,673	16,831	300	542	----------	48,516	30,843	21
1,923,408	146,155	538,939	926,733	311,581	----------	----------	887,676	672,564	13,667	36,851	164,594	3,925,474	3,037,798	22
349,262	4,812	40,417	104,246	188,574	5,044	6,169	731,383	710,379	8,231	12,773	----------	1,666,708	935,325	23
18,200	8,562	600	4,706	4,332	----------	----------	78,049	76,608	558	883	----------	118,096	40,047	24
69,433	7,674	6,165	50,447	2,410	2,737	----------	105,311	93,533	10,118	1,660	----------	196,002	90,691	25
30,337	6,380	4,911	18,774	272	----------	----------	12,859	8,121	30	1,987	2,721	74,715	61,856	26
100,397	8,300	13,101	73,402	5,594	----------	----------	158,183	146,190	5,444	5,711	838	302,379	144,196	27
38,306	4,421	8,065	13,023	12,797	----------	----------	185,538	182,377	27	3,134	----------	250,525	64,987	28
269,697	7,100	20,160	242,437	----------	----------	----------	41,695	16,904	2,884	17,477	4,430	421,823	380,128	29
2,019,462	10,800	280,814	1,727,848	----------	----------	----------	4,832,229	4,505,566	30,208	119,356	177,099	7,887,102	3,054,873	30
769,989	29,094	62,295	670,660	7,940	----------	----------	260,348	122,594	10,649	108,801	18,304	1,261,753	1,001,405	31
589,563	5,720	53,004	530,839	----------	----------	----------	2,154,036	2,000,887	16,012	93,139	43,998	3,238,811	1,084,775	32
187,604	----------	18,444	142,857	24,884	1,419	----------	1,720,859	1,700,498	9,061	11,300	----------	2,002,884	282,025	33
13,117	----------	1,169	11,948	----------	----------	----------	14,619	13,046	1,489	84	----------	47,998	33,379	34
19,256	----------	1,040	15,796	2,420	----------	----------	13,690	12,232	253	1,205	----------	48,641	34,951	35
(5)	(5)	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	36
3,162,323	100,393	272,784	2,773,682	15,464	----------	----------	1,596,461	1,016,964	34,501	377,213	167,783	6,210,327	4,613,866	37
(5)	(5)	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	38
717,081	81,320	125,766	460,779	47,853	----------	1,363	963,487	926,338	15,678	21,471	----------	2,111,755	1,148,268	39
268,799	31,864	34,762	196,633	5,540	----------	----------	146,718	128,630	11,167	6,921	----------	545,552	398,834	40
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	41
969,381	46,432	46,389	855,874	17,152	3,534	----------	2,364,903	1,894,272	6,791	12,434	451,406	4,612,343	2,247,440	42
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	43
361,064	23,502	22,261	272,870	40,634	----------	1,797	729,432	721,638	2,207	5,587	----------	1,227,309	497,877	44
11,418,562	551,866	1,366,977	9,011,468	440,733	36,794	10,724	29,504,477	28,333,670	414,328	416,337	340,142	53,397,230	23,892,753	45
188,961	11,216	23,229	128,032	24,444	2,040	----------	1,431,492	1,336,693	38,255	56,023	521	1,935,540	504,048	46
1,717,256	44,644	176,865	1,489,797	5,950	----------	----------	7,166,630	6,899,768	44,985	101,335	120,542	10,049,821	2,883,191	47
1,832,756	95,510	191,800	1,460,059	83,387	2,000	----------	4,166,936	3,979,135	8,053	27,015	152,733	7,336,762	3,169,826	48
386,032	27,320	41,358	295,227	22,127	----------	----------	693,745	675,107	5,190	10,814	2,634	1,232,656	538,911	49
525,790	40,308	98,764	366,685	20,033	----------	----------	1,877,864	1,805,765	37,437	34,662	----------	3,464,433	1,586,569	50
144,891	----------	19,748	123,143	2,000	----------	----------	327,326	324,286	----------	3,040	----------	676,473	349,147	51
163,053	23,673	11,817	111,267	12,859	3,437	----------	107,980	47,727	40,899	19,354	----------	299,060	191,080	52
1,762,445	27,964	212,269	1,483,213	36,757	----------	2,242	4,547,721	4,361,978	131,653	54,090	----------	10,158,270	5,610,549	53
80,512	1,500	27,031	46,445	5,536	----------	----------	113,623	106,266	1,563	5,794	----------	234,867	121,244	54
1,228,445	115,235	160,681	813,198	130,849	----------	8,482	1,722,975	1,658,533	42,135	21,044	1,263	3,260,565	1,537,590	55
3,388,421	164,496	403,415	2,694,402	96,791	29,317	----------	7,348,185	7,138,412	64,158	83,166	62,449	14,748,783	7,400,598	56–62

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[6] For numbers of establishments and of wage earners in individual industries, see table 12.

TABLE 10. GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES, AND PERSONNEL STATISTICS FOR ERIE: 1939

[This table presents, for each city in the State having 100,000 or more inhabitants, except Erie, separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures are given, however, reported larger numbers of wage earners or larger values of products than some of those shown separately. No data for nonmanufacturing personnel, except salaried officers of corporations, are included in this table]

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
		ERIE										
	All industries, total	236	137	259	1,939	13,355	(4)	(4)	(4)	(4)	(4)	(4)
		PHILADELPHIA										
	All industries, total	4,511	3,606	3,860	24,393	196,356	$24,603,506	$47,761,551	$231,691,380	$766,035,636	$1,418,256,304	$652,220,668
13	Abrasive wheels, stones, paper, cloth, and related products	5	.....	10	74	332	(5)	(5)	(5)	(5)	(5)	(5)
3	Batting, padding, and wadding; upholstery filling	5	2	8	22	271	91,830	38,122	265,887	1,246,309	2,090,787	844,478
4	Belts (apparel), regardless of material	6	10	.....	15	190	.....	26,740	128,417	411,501	737,364	325,863
1	Biscuit, crackers, and pretzels	16	17	17	114	1,328	103,273	200,796	1,398,832	3,745,022	9,263,957	5,518,935
14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	4	1	5	46	169	29,225	69,213	203,095	447,569	1,008,006	560,437
8	Bookbinding and related industries	55	48	34	80	929	137,853	131,678	849,026	579,790	2,352,050	1,772,260
8	Books: printing without publishing	30	22	30	65	465	124,281	139,324	619,772	731,197	2,158,153	1,426,956
8	Books: publishing and printing	7	2	15	269	690	216,014	439,866	1,019,161	2,064,593	6,508,275	4,443,682
8	Books: publishing without printing	14	7	13	81	14	65,963	117,103	23,025	359,332	1,004,607	645,275
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	416	432	30	451	6,762	146,239	879,477	9,428,934	18,369,739	42,479,979	24,110,240
20	Brooms	6	8	.....	1	35	.....	(5)	(5)	(5)	(5)	(5)
1	Candy and other confectionery products[a]	61	46	59	167	3,323	408,785	284,222	2,993,373	9,173,075	18,386,981	9,213,906
1	Canesugar refining	3	.....	14	236	2,016	131,300	524,976	2,554,246	49,990,896	59,941,226	9,950,330
1	Canned and dried fruits and vegetables (including canned soups)	4	3	2	.....	44	5,720	.....	25,171	182,525	226,039	43,514
4	Canvas products (except bags)	17	15	12	30	244	52,761	51,844	214,759	777,760	1,333,033	555,273
3	Carpets and rugs, wool	12	1	30	311	2,698	(5)	(5)	(5)	(5)	(5)	(5)
3	Carpet yarn, woolen and worsted	12	4	21	62	804	(5)	(5)	(5)	(5)	(5)	(5)
6	Caskets, coffins, burial cases, and other morticians' goods[a]	15	10	15	29	249	65,222	50,540	269,253	479,282	1,482,549	1,003,267
9	Chemicals not elsewhere classified	20	4	16	328	1,684	(5)	(5)	(5)	(5)	(5)	(5)
4	Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors[b]	7	6	3	13	473	4,620	9,883	375,117	597,117	1,188,994	591,877
4	Children's coats—made in inside factories or by jobbers engaging contractors	3	2	2	4	73	(5)	(5)	(5)	(5)	(5)	(5)
4	Children's dresses—made in contract factories	7	8	.....	6	247	.....	4,501	125,770	52,225	286,187	233,962
4	Children's dresses—made in inside factories or by jobbers engaging contractors	16	11	14	180	2,221	226,475	251,877	1,694,608	2,528,027	6,965,932	4,437,905
2	Cigars	31	23	19	324	7,410	(5)	(5)	(5)	(5)	(5)	(5)
9	Cleaning and polishing preparations, blackings, and dressings	16	8	25	29	141	(5)	(5)	(5)	(5)	(5)	(5)
3	Cloth sponging and miscellaneous special finishing	10	4	6	27	200	27,504	51,991	261,328	236,261	872,044	635,783
4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	27	34	11	41	624	(5)	(5)	(5)	(5)	(5)	(5)
9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	5	.....	1	17	146	10,000	26,606	227,118	425,694	1,509,652	1,083,958
13	Concrete products	11	6	9	20	102	54,725	36,594	117,249	1,429,637	2,566,530	1,136,893
7	Converted paper products not elsewhere classified	14	5	22	72	487	153,387	89,587	431,015	1,501,872	2,905,162	1,403,290
6	Cooperage	7	5	5	7	104	(5)	(5)	(5)	(5)	(5)	(5)
3	Cotton broad woven goods	29	12	32	108	1,642	298,004	213,429	1,793,754	5,109,715	8,408,763	3,299,048
3	Cotton narrow fabrics[b]	17	7	27	117	1,553	217,995	146,644	1,313,659	2,301,855	5,022,946	2,721,091
3	Cotton yarn	8	11	2	25	254	7,220	48,137	213,331	1,230,031	1,723,664	493,633
4	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	10	12	6	29	498	(5)	(5)	(5)	(5)	(5)	(5)
14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools[a]	6	7	5	8	78	7,003	11,988	77,789	61,998	209,437	147,439
20	Dental equipment and supplies	19	9	16	119	1,011	128,926	322,151	1,105,700	778,377	3,547,169	2,768,792
7	Die-cut paper and paperboard, and converted cardboard	11	8	24	40	271	101,512	60,839	295,047	845,707	1,794,373	948,666
9	Drugs and medicines (including drug grinding)	41	7	68	495	1,673	(5)	(5)	(5)	(5)	(5)	(5)
3	Dyeing and finishing cotton, rayon, silk, and linen textiles	29	11	45	194	1,907	409,582	385,193	2,216,396	6,430,372	11,759,725	5,329,353

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES, AND PERSONNEL STATISTICS FOR ERIE: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees[1]	*Wage earners (average for year)[2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
		PHILADELPHIA—Continued										
15	Electroplating, plating, and polishing [b]	19	21	12	24	197	$31,765	$32,260	$186,194	$137,912	$576,124	$438,212
17	Elevators, escalators, and conveyors	11	4	14	98	835	(5)	(5)	(5)	(5)	(5)	(5)
4	Embroideries, other than Schiffli-machine products—contract factories	9	10	-------	3	118	-------	3,748	98,764	38,681	202,978	164,297
4	Embroideries: Schiffli-machine products [a]	6	6	5	5	74	6,737	6,398	56,032	74,949	204,733	129,784
14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	15	7	15	68	316	49,298	118,909	418,080	851,098	1,705,262	854,164
8	Engraving (steel, copperplate, and wood); plate printing	26	19	23	112	755	(5)	(5)	(5)	(5)	(5)	(5)
20	Fabricated plastic products, not elsewhere classified	3	4	3	6	58	(5)	(5)	(5)	(5)	(5)	(5)
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	32	19	27	57	437	83,054	87,026	563,873	1,773,685	3,193,038	1,419,353
20	Feathers, plumes, and artificial flowers	8	7	5	18	288	51,691	22,734	197,578	339,846	873,540	533,694
9	Fertilizers	3	-------	3	33	314	(5)	(5)	(5)	(5)	(5)	(5)
7	Fiber cans, tubes, and similar products	7	5	6	7	132	(5)	(5)	(5)	(5)	(5)	(5)
14	Files	4	-------	4	51	680	20,220	164,973	825,874	544,060	2,453,209	1,909,149
1	Flavoring extracts and flavoring sirups, not elsewhere classified	18	7	19	35	95	(5)	(5)	(5)	(5)	(5)	(5)
1	Food preparations, not elsewhere classified	27	18	24	22	161	(5)	(5)	(5)	(5)	(5)	(5)
17	Food-products machinery	13	4	13	34	219	47,577	53,441	247,596	412,700	1,053,740	641,040
12	Footwear (except rubber)	19	17	24	151	1,781	106,005	226,412	1,687,888	2,510,650	5,718,974	3,208,324
14	Forgings, iron and steel—made in plants not operated in connection with rolling mills	6	-------	14	60	417	115,255	130,195	551,109	858,408	2,395,245	1,536,837
4	Fur coats and other fur garments, accessories, and trimmings	27	31	3	6	78	22,400	3,422	158,598	446,377	882,950	436,573
20	Furs, dressed and dyed	3	7	-------	2	40	-------	(5)	(5)	(5)	(5)	(5)
14	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	3	1	5	12	246	(5)	(5)	(5)	(5)	(5)	(5)
20	Games and toys (except dolls and children's vehicles)	13	15	7	28	261	27,174	39,552	160,911	653,565	1,155,448	501,883
8	General commercial (job) printing	285	274	172	685	4,257	831,391	1,044,350	5,730,989	6,913,512	20,032,348	13,118,836
16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	13	7	20	1,189	2,051	(5)	(5)	(5)	(5)	(5)	(5)
9	Glue and gelatin	5	2	8	13	151	(5)	(5)	(5)	(5)	(5)	(5)
15	Gold and silver leaf and foil	3	4	-------	7	141	-------	(5)	(5)	(5)	(5)	(5)
14	Gray-iron and semisteel castings	10	5	17	31	357	69,679	53,142	475,092	407,042	1,080,073	673,031
9	Grease and tallow (except lubricating greases)	5	-------	10	33	288	61,515	67,814	339,843	2,510,599	3,747,729	1,237,130
8	Greeting cards (except hand-painted) [b]	9	6	12	50	575	108,625	76,671	438,711	704,389	1,769,775	1,065,386
20	Hair work	3	3	-------	2	7	-------	1,720	5,769	4,132	17,667	13,535
20	Hand stamps, stencils, and brands	16	20	9	23	173	25,628	34,704	172,336	162,975	585,955	422,980
14	Hardware not elsewhere classified [a]	12	8	10	52	321	103,578	93,028	457,344	1,004,261	2,190,206	1,185,945
14	Heating and cooking apparatus, except electric, not elsewhere classified	6	3	4	57	376	(5)	(5)	(5)	(5)	(5)	(5)
3	Hosiery—full-fashioned	63	31	87	382	9,340	483,679	777,200	10,523,301	11,488,036	27,872,714	16,384,678
3	Hosiery—seamless	15	14	14	83	994	69,485	120,471	725,318	1,370,168	2,722,200	1,352,032
4	House dresses, uniforms, and aprons—made in contract factories	17	21	-------	3	267	-------	4,380	144,701	11,690	223,451	211,761
6	Household furniture, except upholstered	37	30	24	56	906	128,966	130,512	900,489	2,715,651	4,612,999	1,897,348
1	Ice cream and ices	30	22	6	63	607	40,580	132,811	739,402	7,341,414	16,631,606	9,290,192
1	Ice, manufactured	36	2	24	68	288	91,207	132,891	385,399	454,349	2,444,977	1,990,628
12	Industrial leather belting and packing leather	13	8	5	35	215	24,280	71,095	252,769	1,079,497	2,035,592	956,095
9	Insecticides, fungicides, and related industrial and household chemical compounds	24	19	13	31	96	35,784	48,449	103,154	712,275	1,587,936	875,661
20	Jewelry cases and instrument cases	6	6	1	13	89	3,200	21,786	61,254	125,941	304,986	179,045
15	Jewelry (precious metals)	33	33	7	42	229	46,525	64,949	262,678	688,574	1,428,144	739,570
3	Knitted cloth	10	7	18	96	655	253,360	233,136	920,753	3,056,213	5,270,782	2,214,569
3	Knitted outerwear (except knit gloves)—contract factories	5	4	1	3	61	4,065	2,521	50,147	1,402	77,896	76,494
3	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors [d]	59	51	69	201	3,236	305,996	342,887	2,970,273	9,620,813	17,318,616	7,697,803
3	Knitted underwear	3	2	5	22	493	36,850	37,031	387,060	663,517	1,430,593	767,076
3	Lace goods	4	-------	18	189	1,293	157,327	299,210	1,378,233	1,332,497	4,339,703	3,007,206
20	Lamp shades [b]	16	10	10	22	457	29,230	25,225	248,785	633,213	1,172,893	539,680
15	Lapidary work	7	9	-------	-------	14	-------	-------	20,879	130,703	213,038	82,335
12	Leather goods not elsewhere classified	5	8	-------	1	50	-------	3,000	30,943	21,378	80,119	58,741

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES, AND PERSONNEL STATISTICS FOR ERIE: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
						PHILADELPHIA—Continued						
12	Leather tanned, curried, and finished—regular factories or jobbers engaging contractors	18	2	42	198	3,732	(5)	(5)	(5)	(5)	(5)	(5)
15	Lighting fixtures [a]	36	31	27	68	940	$130,178	$109,132	$920,489	$2,616,706	$5,044,359	$2,427,653
8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	26	19	43	172	1,089	(5)	(5)	(5)	(5)	(5)	(5)
8	Machine and hand typesetting (including advertisement typesetting)	23	22	21	51	338	(5)	(5)	(5)	(5)	(5)	(5)
17	Machine-shop products, not elsewhere classified	68	44	82	261	1,187	438,313	469,507	1,572,630	3,582,615	8,448,688	4,866,073
17	Machine-shop repairs	26	32	10	16	123	39,963	31,018	152,455	188,143	555,338	367,195
17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools [b]	22	24	11	40	327	44,280	82,185	529,132	361,279	1,409,413	1,048,134
1	Malt liquors	12	3	25	98	655	520,755	240,187	1,190,268	4,885,505	14,957,139	10,071,634
6	Mattresses and bedsprings	27	27	16	27	294	49,359	38,000	315,482	1,305,356	2,208,427	903,071
1	Meat packing, wholesale	22	16	35	151	1,585	292,888	257,348	2,134,652	27,914,846	34,515,466	6,600,620
17	Mechanical power-transmission equipment [b]	19	9	40	440	2,279	400,267	969,313	3,403,276	4,249,242	15,398,868	11,149,626
4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in contract factories	4	4	2	4	207	3,875	4,136	110,348	12,318	166,958	154,640
4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	26	23	24	103	1,929	170,544	170,045	1,472,796	4,341,699	7,331,941	2,990,242
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	78	113	16	95	4,818	66,580	149,969	4,945,138	560,701	6,570,836	6,010,135
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	126	136	114	510	7,988	839,547	913,650	9,308,447	40,565,844	59,942,657	19,376,813
4	Men's and boys' underwear—made in inside factories or by jobbers engaging contractors	3	2	3	9	132	(5)	(5)	(5)	(5)	(5)	(5)
4	Men's neckwear—made in inside factories or by jobbers engaging contractors	21	21	14	27	428	(5)	(5)	(5)	(5)	(5)	(5)
17	Metalworking machinery and equipment, not elsewhere classified	3	------	10	15	112	67,000	30,864	148,039	126,130	529,736	403,606
4	Millinery	14	14	14	22	486	63,198	20,273	469,251	983,557	1,827,568	844,011
13	Minerals and earths, ground or otherwise treated	3	------	3	6	43	(5)	(5)	(5)	(5)	(5)	(5)
13	Mirrors and other glass products made of purchased glass	25	23	11	23	314	34,848	41,886	367,218	756,733	1,542,348	785,615
20	Miscellaneous fabricated products not elsewhere classified [a]	14	12	9	18	319	22,723	28,749	254,479	355,165	978,396	623,231
4	Miscellaneous fabricated textile products not elsewhere classified	15	15	13	19	169	31,604	24,323	127,889	399,257	763,611	364,354
20	Models and patterns (except paper patterns)	13	17	6	10	92	(5)	(5)	(5)	(5)	(5)	(5)
13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	18	18	5	17	83	11,775	28,744	101,148	161,132	433,036	271,904
18	Motor vehicles, motor-vehicle bodies, parts and accessories	24	23	41	640	5,904	(5)	(5)	(5)	(5)	(5)	(5)
8	Newspapers: publishing and printing	19	15	25	1,372	2,763	326,178	3,191,620	5,108,186	9,310,666	31,527,770	22,217,104
8	Newspapers: publishing without printing	13	8	3	68	22	8,340	68,214	42,314	211,418	459,627	248,209
1	Nonalcoholic beverages	56	44	30	55	384	165,285	85,936	442,668	2,902,780	7,017,788	4,115,008
15	Nonferrous metal foundries (except aluminum)	20	18	19	22	277	(5)	(5)	(5)	(5)	(5)	(5)
15	Nonferrous metal products not elsewhere classified	11	7	8	28	180	(5)	(5)	(5)	(5)	(5)	(5)
6	Office furniture	5	4	9	23	227	82,213	43,686	281,547	377,273	1,122,908	745,635
9	Paints, varnishes, and lacquers	53	27	70	358	1,267	400,976	729,902	2,083,365	15,363,900	25,473,124	10,109,224
7	Paper and paperboard mills	4	1	7	196	1,368	94,294	440,006	1,854,725	5,510,520	9,921,432	4,410,912
7	Paper bags, except those made in paper mills	5	5	5	59	578	121,900	132,684	583,371	2,392,160	4,429,278	2,037,118
7	Paperboard containers and boxes not elsewhere classified	66	45	82	218	2,898	487,320	357,469	2,634,037	7,244,926	13,977,053	6,732,127
6	Partitions, shelving, cabinet work, and office and store fixtures [c]	37	24	36	78	690	155,999	116,235	971,678	1,309,929	3,258,167	1,948,238
9	Perfumes, cosmetics, and other toilet preparations [a]	13	10	13	25	149	51,921	30,096	124,327	709,188	1,206,111	496,923
8	Periodicals: publishing and printing	23	7	29	1,208	2,911	(5)	(5)	(5)	(5)	(5)	(5)
8	Periodicals: publishing without printing [b]	52	13	36	327	21	186,602	548,301	22,380	3,647,572	7,796,004	4,148,432

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES, AND PERSONNEL STATISTICS FOR ERIE: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees[1]	*Wage earners (average for year)[2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
		PHILADELPHIA—Continued										
1	Pickled fruits and vegetables and vegetable sauces and seasonings [b]	15	16	6	38	229	$21,635	$63,905	$210,491	$1,580,410	$2,473,497	$893,087
5	Planing mills not operated in conjunction with sawmills	29	22	31	97	545	138,292	144,779	651,158	1,635,387	3,369,977	1,734,590
14	Power boilers and associated products	8	1	21	27	392	106,708	43,411	561,988	1,091,194	2,236,318	1,145,124
1	Prepared feeds (including mineral) for animals and fowls	4	-------	9	12	54	38,865	11,058	49,460	956,490	1,310,613	354,123
9	Printing ink [a]	15	7	13	106	328	125,794	235,245	432,030	2,756,914	4,320,753	1,563,839
17	Pumping equipment and air compressors	4	3	6	4	20	(5)	(5)	(5)	(5)	(5)	(5)
3	Rayon narrow fabrics	8	7	6	28	522	41,619	48,294	439,841	604,983	1,631,312	1,026,329
3	Rayon, throwing and spinning—contract factories	3	2	2	1	17	6,944	702	12,929	24,087	46,569	22,482
3	Rayon yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	4	3	8	17	179	32,770	27,316	149,414	1,077,836	1,504,483	426,647
4	Robes, lounging garments, and dressing gowns [a]	7	7	1	16	246	4,572	20,515	139,010	648,812	916,590	267,778
10	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	3	1	1	22	232	(5)	(5)	(5)	(5)	(5)	(5)
11	Rubber products not elsewhere classified	13	3	23	180	1,032	(5)	(5)	(5)	(5)	(5)	(5)
1	Salad dressings	7	6	2	12	88	13,000	16,828	74,622	528,014	755,021	227,007
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	25	18	22	82	625	(5)	(5)	(5)	(5)	(5)	(5)
14	Screw-machine products and wood screws	8	11	2	13	99	(5)	(5)	(5)	(5)	(5)	(5)
15	Secondary smelting and refining of nonferrous metals, not elsewhere classified	4	6	3	9	130	42,700	21,702	138,478	1,865,537	2,356,154	490,617
15	Sheet-metal work not specifically classified	39	30	24	52	455	105,855	82,812	615,761	1,727,891	3,305,809	1,577,918
19	Shipbuilding and ship repairing	6	1	12	18	245	77,086	40,776	276,192	206,158	830,210	624,052
20	Signs, advertising displays, and advertising novelties [a]	45	44	19	39	436	56,355	53,032	479,703	864,151	2,092,629	1,228,478
3	Silk narrow fabrics	4	3	2	14	232	7,161	32,418	227,096	521,980	923,148	401,168
9	Soap and glycerin	12	9	15	58	422	(5)	(5)	(5)	(5)	(5)	(5)
20	Sporting and athletic goods not elsewhere classified	6	9	2	24	184	(5)	(5)	(5)	(5)	(5)	(5)
14	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	3	1	6	18	176	(5)	(5)	(5)	(5)	(5)	(5)
14	Stamped and pressed metal products (except automobile stampings)	10	10	7	43	246	(5)	(5)	(5)	(5)	(5)	(5)
13	Statuary and art goods (except stone and concrete)—factory production [a]	8	5	-------	7	75	-------	8,697	65,911	57,018	169,581	112,563
14	Steam and hot-water heating apparatus (including hot-water furnaces)	3	2	4	2	14	(5)	(5)	(5)	(5)	(5)	(5)
13	Steam and other packing; pipe and boiler covering	10	5	22	52	246	133,941	111,093	283,779	905,980	2,022,952	1,116,972
14	Steel works and rolling mills	3	-------	5	267	2,912	(5)	(5)	(5)	(5)	(5)	(5)
14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	5	8	2	18	96	11,000	31,328	92,665	285,605	538,861	253,256
20	Surgical and medical instruments	5	5	8	6	161	38,580	14,630	196,916	189,915	566,700	376,785
9	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	14	3	19	40	88	222,327	90,300	135,016	1,341,748	2,826,689	1,484,941
17	Textile machinery	27	10	42	244	1,779	(5)	(5)	(5)	(5)	(5)	(5)
14	Tin cans and other tinware not elsewhere classified	8	7	9	162	1,237	(5)	(5)	(5)	(5)	(5)	(5)
4	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories [a]	11	12	-------	2	113	-------	1,876	114,380	46,334	283,880	237,546
4	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	7	8	5	7	115	(5)	(5)	(5)	(5)	(5)	(5)
4	Trousers (semidress), wash suits, and washable service apparel	19	24	7	20	624	(5)	(5)	(5)	(5)	(5)	(5)
20	Umbrellas, parasols, and canes [a]	5	1	11	27	230	33,744	49,050	186,728	321,100	688,742	367,642
6	Upholstered household furniture	46	50	31	26	598	97,137	33,427	642,575	1,537,615	2,914,994	1,377,379
9	Vegetable and animal oils, not elsewhere classified	4	2	6	3	32	46,320	6,540	36,964	485,556	671,488	185,932
6	Window and door screens and weather strip	3	2	4	7	95	(5)	(5)	(5)	(5)	(5)	(5)
14	Wirework not elsewhere classified	23	23	20	26	283	104,280	41,982	268,820	736,861	1,467,976	731,115
4	Women's and misses' blouses and waists—made in contract factories	23	28	4	17	893	6,663	15,924	576,569	101,411	939,795	838,384
4	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors [a]	21	30	11	75	1,247	80,220	126,163	1,071,064	3,967,450	6,351,529	2,384,079
4	Women's and misses' dresses (except house dresses)—made in contract factories	23	33	-------	5	632	-------	6,392	467,553	27,316	710,149	682,833

See footnotes at end of table.

TABLE 10. GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES, AND PERSONNEL STATISTICS FOR ERIE: 1939—Continued

Group No.	INDUSTRY	*Number of establishments [1]	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [1]	Salaries of officers of corporations [2]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
	PHILADELPHIA—Continued											
4	Women's and misses' dresses (except house dresses) made in inside factories or by jobbers engaging contractors	55	66	38	152	3,251	$170,844	$261,425	$3,273,230	$8,829,459	$16,712,838	$7,883,379
4	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics [3]	6	4	5	9	198	29,063	11,460	127,194	480,102	768,084	287,982
4	Women's neckwear, scarfs, etc.	3	4	2	2	43	(5)	(5)	(5)	(5)	(5)	(5)
12	Women's pocketbooks, handbags, and purses	4	5	3	28	508	12,480	43,243	397,492	895,577	1,615,120	719,543
6	Wooden boxes except cigar boxes	17	15	12	18	307	60,180	39,389	282,663	734,834	1,361,801	626,967
3	Woolen and worsted manufactures—contract factories	10	6	5	46	510	(5)	(5)	(5)	(5)	(5)	(5)
3	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	55	33	95	539	5,694	690,454	1,072,159	6,412,586	27,168,519	40,959,113	13,790,594
4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	37	37	25	63	1,158	114,840	78,536	875,049	2,577,974	4,082,139	1,504,165
	Other industries [6]	1,373	917	1,526	12,934	85,832	10,089,478	26,311,679	107,682,789	384,553,046	701,697,413	317,144,367
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]											
1	Food and kindred products	110	53	112	315	2,769	682,322	590,544	2,843,969	27,892,539	41,474,452	13,581,913
3	Textile-mill products and other fiber manufactures	109	59	149	932	10,785	1,229,461	1,704,734	11,752,680	28,505,366	54,634,262	26,128,896
4	Apparel and other finished products made from fabrics and similar materials	226	247	119	381	5,953	516,485	520,248	4,931,372	18,522,913	30,175,766	11,652,853
6	Furniture and finished lumber products	46	38	29	97	685	96,415	138,817	731,003	1,805,950	3,412,671	1,606,721
7	Paper and allied products	25	14	30	96	872	131,033	193,055	951,789	2,496,318	5,060,398	2,564,080
8	Printing, publishing, and allied industries	127	89	164	1,657	5,910	1,009,187	3,415,213	10,022,178	16,710,953	51,730,639	35,019,686
9	Chemicals and allied products	128	42	168	1,245	5,398	1,199,250	2,574,570	7,028,773	45,169,821	87,217,111	42,047,290
12	Leather and leather products	58	43	72	313	4,878	558,523	582,277	5,747,310	17,230,923	28,657,056	11,426,133
13	Stone, clay, and glass products	25	5	33	155	1,292	213,315	336,405	1,581,750	4,454,439	10,190,342	5,735,903
14	Iron and steel and their products, except machinery	77	45	106	942	8,256	925,848	1,981,893	11,335,732	20,914,811	46,143,815	25,229,004
15	Nonferrous metals and their products	62	44	60	152	1,272	359,747	274,311	1,495,958	7,583,911	11,171,473	3,587,562
16	Electrical machinery	44	10	89	2,453	7,906	727,672	5,078,801	10,561,149	37,743,526	76,169,391	38,425,865
17	Machinery (except electrical)	128	70	169	1,318	6,326	992,804	2,573,609	9,171,078	15,192,205	41,358,649	26,166,444
19	Transportation equipment except automobiles	7	1	13	317	1,423	80,322	861,640	2,264,072	5,933,360	10,077,285	4,143,925
20	Miscellaneous industries	120	106	118	792	3,353	714,926	1,418,970	3,791,434	10,080,604	23,501,228	13,420,624
2	Tobacco manufactures	36	24	26	361	7,801						
10	Products of petroleum and coal	8	1	5	588	4,017						
11	Rubber products	13	3	23	180	1,032	652,168	4,066,592	23,472,542	124,315,407	180,722,875	56,407,468
18	Automobiles and automobile equipment	24	23	41	640	5,904						
	PITTSBURGH											
	All industries, total	1,063	673	959	6,158	43,631	$5,156,733	$12,677,409	$59,063,446	$184,173,641	$357,616,446	$173,442,805
14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	3		9	150	1,280	(5)	(5)	(5)	(5)	(5)	(5)
8	Bookbinding and related industries	14	11	9	12	99	21,149	18,176	104,533	102,843	343,989	241,146
8	Books: printing without publishing [3]	11	5	16	22	220	60,405	45,332	285,963	323,274	949,081	625,807
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	175	163	38	222	3,726	180,709	475,707	5,199,404	9,737,548	20,748,611	11,011,063
20	Brushes	4	1	6	10	48	(5)	(5)	(5)	(5)	(5)	(5)
1	Candy and other confectionery products [4]	18	9	22	84	1,002	134,855	173,963	880,854	4,606,313	6,790,255	2,183,942
6	Caskets, coffins, burial cases, and other morticians' goods	5	2	2	30	287	(5)	(5)	(5)	(5)	(5)	(5)
9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	5			20	125		43,118	211,130	288,854	1,525,827	1,236,973
13	Concrete products	13	2	9	11	91	39,952	13,724	142,981	861,073	1,538,069	676,996
1	Creamery butter	4			15	49		(5)	(5)	(5)	(5)	(5)
9	Drugs and medicines (including drug grinding)	10		16	21	73	(5)	(5)	(5)	(5)	(5)	(5)
8	Electrotyping and stereotyping, not done in printing establishments	4	1	6	6	28	41,610	10,803	55,196	19,402	179,919	160,517
8	Engraving (steel, copperplate, and wood); plate printing	6		10	23	185	(5)	(5)	(5)	(5)	(5)	(5)
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	20	13	27	61	438	103,441	105,627	555,590	2,435,176	3,917,428	1,482,252
	Food preparations, not elsewhere classified [3]	9	9	5	32	89	33,938	58,213	86,279	525,876	946,734	420,858

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES, AND PERSONNEL STATISTICS FOR ERIE: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees[1]	*Wage earners (average for year)[2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
		PITTSBURGH—Continued										
14	Forgings, iron and steel—made in plants not operated in connection with rolling mills	4	3	1	3	23	$2,080	$4,087	$20,849	$55,038	$101,821	$46,783
8	General commercial (job) printing	117	115	57	129	894	182,945	183,854	1,187,059	1,569,172	4,311,609	2,742,437
14	Gray-iron and semisteel castings	10	3	7	53	495	27,110	111,107	707,392	1,086,525	2,676,261	1,589,736
20	Hand stamps, stencils, and brands	6	-------	17	19	155	84,341	43,846	211,475	343,277	1,132,496	789,219
14	Hardware not elsewhere classified	3	1	3	29	439	(5)	(5)	(5)	(5)	(5)	(5)
1	Ice cream and ices	15	2	15	33	300	95,185	66,468	578,601	2,835,677	5,850,025	3,014,348
1	Ice, manufactured	11	4	8	21	112	32,552	43,951	161,834	134,439	845,751	711,312
9	Insecticides, fungicides, and related industrial and household chemical compounds	4	1	6	12	49	(5)	(5)	(5)	(5)	(5)	(5)
15	Lighting fixtures	3	3	1	13	112	(5)	(5)	(5)	(5)	(5)	(5)
8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	15	6	22	27	292	87,555	44,399	334,234	448,168	1,169,897	721,729
9	Lubricating oils and greases—not made in petroleum refineries	4	-------	4	55	206	(5)	(5)	(5)	(5)	(5)	(5)
8	Machine and hand typesetting (including advertisement typesetting)	6	4	2	6	38	6,454	12,533	62,104	30,351	158,950	128,599
17	Machine-shop products, not elsewhere classified	30	12	47	272	952	303,855	442,916	1,378,608	2,779,995	7,213,885	4,433,890
17	Machine-shop repairs	13	13	13	11	84	40,643	19,339	123,737	115,559	416,028	300,469
17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	5	2	4	5	45	(5)	(5)	(5)	(5)	(5)	(5)
1	Malt liquors	3	-------	4	45	711	(5)	(5)	(5)	(5)	(5)	(5)
6	Mattresses and bedsprings [a]	9	10	13	34	452	58,464	67,279	485,889	1,308,568	2,465,313	1,156,745
17	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	3	-------	4	89	674	(5)	(5)	(5)	(5)	(5)	(5)
1	Meat packing, wholesale	11	7	16	113	955	112,672	215,410	1,472,742	15,695,739	19,688,437	3,992,698
4	Men's and boys' hats and caps (except felt and straw)	3	7	-------	-------	7	-------	-------	5,201	21,681	28,628	6,947
4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	3	1	4	-------	11	4,773	-------	12,090	9,131	29,767	20,636
13	Mirrors and other glass products made of purchased glass	9	10	7	11	139	(5)	(5)	(5)	(5)	(5)	(5)
13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	12	10	13	18	95	32,077	26,988	137,199	189,178	542,258	353,080
18	Motor vehicles, motor-vehicle bodies, parts and accessories	5	2	5	4	132	(5)	(5)	(5)	(5)	(5)	(5)
8	Newspapers: publishing and printing	11	5	14	958	1,145	196,018	1,849,794	2,267,100	3,696,819	15,726,377	12,029,558
8	Newspapers: publishing without printing	3	2	1	10	-------	900	8,582	-------	15,187	49,861	34,674
1	Nonalcoholic beverages	21	17	2	35	153	8,479	61,771	196,927	1,379,441	3,119,141	1,739,700
15	Nonferrous-metal foundries (except aluminum)	7	3	5	25	165	29,043	49,714	212,827	758,889	1,328,451	569,562
9	Paints, varnishes, and lacquers	12	1	20	27	207	119,832	58,490	278,419	2,017,459	3,720,311	1,702,852
7	Paperboard containers and boxes not elsewhere classified	10	6	18	47	605	165,392	95,673	636,902	2,329,037	4,336,804	2,007,767
8	Periodicals: publishing and printing	10	1	15	47	124	(5)	(5)	(5)	(5)	(5)	(5)
8	Periodicals: publishing without printing [a]	22	8	21	94	10	66,621	125,564	15,892	427,641	951,203	523,562
8	Photoengraving, not done in printing establishments (including preparation of plates)	11	3	19	28	117	91,686	44,189	305,950	102,655	792,769	690,114
5	Planing mills not operated in conjunction with sawmills	19	9	9	16	103	9,340	27,148	144,895	343,060	706,197	363,137
14	Power boilers and associated products	5	2	8	11	99	29,785	21,728	124,720	481,642	745,188	263,546
17	Printing-trades machinery and equipment	3	1	5	54	256	(5)	(5)	(5)	(5)	(5)	(5)
20	Professional and scientific instruments (except surgical and dental) [a]	5	2	7	10	57	26,131	18,181	68,784	107,796	224,050	116,254
14	Saws	3	3	2	5	36	7,820	9,476	50,976	70,640	183,878	113,238
14	Screw-machine products and wood screws [a]	4	2	4	11	56	20,148	18,770	66,912	95,823	260,012	164,189
15	Sheet-metal work not specifically classified	9	7	6	4	69	17,115	7,424	129,005	365,771	592,304	226,533
20	Signs, advertising displays, and advertising novelties	11	8	10	15	154	(5)	(5)	(5)	(5)	(5)	(5)
9	Soap and glycerin	4	3	8	9	54	31,363	14,638	59,022	297,625	587,206	289,581
14	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	4	-------	11	35	196	63,905	66,544	286,115	577,599	1,190,307	612,708
14	Stamped and pressed metal products (except automobile stampings)	7	2	13	6	139	43,915	15,500	157,932	496,220	873,584	377,364
14	Steel castings	4	-------	7	108	996	(5)	(5)	(5)	(5)	(5)	(5)

See footnotes at end of table.

TABLE 10. GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES, AND PERSONNEL STATISTICS FOR ERIE: 1939—Continued

Group	Industry	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
	PITTSBURGH—Continued											
14	Steel works and rolling mills	5		5	750	9,397	$64,078	$1,990,864	$14,015,841	$35,749,517	$64,025,100	$28,275,583
14	Stoves, ranges, water heaters, and hot-air furnaces (except electric) [5]	9	6	11	99	361	84,118	170,155	454,309	2,236,027	4,830,259	2,594,232
12	Suitcases, briefcases, bags, trunks, and other luggage	3	.....	8	6	127	(5)	(5)	(5)	(5)	(5)	(5)
4	Trousers (slacks), wash suits, and washable service apparel	3	4	1	14	241	(5)	(5)	(5)	(5)	(5)	(5)
14	Wirework not elsewhere classified	6	4	2	7	37	7,170	9,935	42,332	200,901	348,170	147,269
	Other industries [6]	363	188	414	2,773	20,085	2,410,900	5,800,341	25,273,579	87,197,200	169,989,603	82,792,403
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]											
1	Food and kindred products	44	27	31	361	3,625	167,699	734,843	4,680,696	17,935,298	46,208,587	28,273,289
4	Apparel and other finished products made from fabrics and similar materials	30	27	25	56	837	98,054	69,383	596,327	2,329,240	3,585,093	1,255,853
6	Furniture and finished lumber products	33	22	23	194	1,685	80,144	343,586	1,968,906	3,872,468	7,984,860	4,112,392
7	Paper and allied products	4	1	5	5	113	60,750	20,662	148,347	770,287	1,374,251	603,964
8	Printing, publishing, and allied industries	20	2	31	123	341	90,475	150,727	398,274	478,133	1,672,698	1,194,565
9	Chemicals and allied products	33	4	52	132	503	268,237	324,033	506,886	3,460,412	6,352,261	2,891,849
12	Leather and leather products	7	1	12	14	219	54,870	24,825	216,919	431,411	940,973	509,562
13	Stone, clay, and glass products	22	19	22	97	734	134,896	182,932	987,179	1,803,129	4,100,646	2,297,517
14	Iron and steel and their products, except machinery	30	5	44	492	4,984	260,842	1,103,845	6,516,974	21,565,650	37,544,883	15,979,233
15	Nonferrous metals and their products	28	19	28	101	947	137,953	243,175	1,132,763	8,868,467	11,746,528	2,878,061
17	Machinery (except electrical)	26	10	37	376	1,668	180,553	869,377	2,626,079	5,872,276	12,077,995	6,205,719
20	Miscellaneous industries	49	41	46	200	1,129	364,247	429,365	1,388,144	4,778,367	10,566,818	5,788,451
2	Tobacco manufactures	6	4	5	8	238						
10	Products of petroleum and coal	4	...	4	69	610						
16	Electrical machinery	19	4	35	472	1,848						
18	Automobiles and automobile equipment	5	2	5	4	132	512,180	1,303,588	4,106,085	15,032,062	25,834,010	10,801,948
3	Textile-mill products and other fiber manufactures	1										
11	Rubber products	1	.....	9	69	472						
19	Transportation equipment except automobiles	1										
	READING											
	All industries, total	240	142	252	1,569	15,996	$1,422,552	$2,807,448	$16,373,865	$32,841,343	$70,876,733	$38,035,390
1	Biscuit, crackers, and pretzels	10	15	5	12	160	17,971	20,723	120,448	254,675	561,651	306,976
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	34	35	6	29	448	47,880	42,650	576,698	1,238,501	2,612,659	1,374,158
1	Food preparations, not elsewhere classified	3	3	.....	1	12	.....	(5)	(5)	(5)	(5)	(5)
12	Footwear (except rubber)	3	...	8	48	624	(5)	(5)	(5)	(5)	(5)	(5)
8	General commercial (job) printing	11	6	11	10	65	21,332	11,906	82,366	73,698	244,255	170,557
14	Hardware not elsewhere classified	4	.....	15	109	894	70,679	184,242	979,701	696,518	2,391,256	1,694,738
3	Hosiery—full-fashioned	9	3	24	182	3,285	219,370	341,430	3,097,398	2,877,796	6,597,985	3,720,189
3	Hosiery—seamless	11	5	15	47	1,058	75,609	63,090	777,317	1,165,802	2,557,153	1,391,351
1	Ice cream and ices	5	6	.....	3	16	.....	4,058	18,975	118,405	233,108	114,703
1	Ice, manufactured	5	1	3	5	21	12,450	11,581	36,274	63,047	278,120	215,073
17	Machine-shop products, not elsewhere classified	3	4	.....	1	12	.....	624	9,904	11,834	37,959	26,125
1	Nonalcoholic beverages	5	3	7	8	14	(5)	(5)	(5)	(5)	(5)	(5)
7	Paperboard containers and boxes not elsewhere classified	9	6	7	19	211	43,040	29,178	174,846	366,687	804,607	437,920
	Other industries [6]	139	61	166	1,152	9,826	914,221	2,097,966	10,499,938	25,974,380	54,557,980	28,583,600
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]											
1	Food and kindred products	25	14	15	83	1,083	58,161	178,332	1,130,311	7,300,795	12,018,616	4,717,821
3	Textile-mill products and other fiber manufactures	14	5	21	163	2,466	126,079	294,413	2,028,837	3,108,884	7,722,050	4,613,166
4	Apparel and other finished products made from fabrics and similar materials	7	3	7	47	1,147	44,888	78,378	816,127	2,733,616	4,173,940	1,440,324
6	Furniture and finished lumber products	6	1	7	8	67	39,549	13,781	66,371	281,116	450,552	169,436
8	Printing, publishing, and allied industries	11	5	16	157	225	113,768	276,705	411,947	379,888	2,022,036	1,642,148
9	Chemicals and allied products	7	5	3	57	269	24,755	98,181	329,829	2,079,198	3,916,792	1,837,594
14	Iron and steel and their products, except machinery	16	3	32	398	2,055	133,933	765,602	3,028,901	4,457,578	11,980,871	7,523,293
15	Nonferrous metals and their products	11	6	11	18	103	36,605	27,618	95,566	168,314	436,095	267,781

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES, AND PERSONNEL STATISTICS FOR ERIE: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
	READING—Continued											
17	Machinery (except electrical)	14	5	18	51	204	$96,552	$71,271	$289,922	$590,183	$1,599,673	$1,009,490
20	Miscellaneous industries	13	8	12	74	727	74,858	124,357	778,550	1,523,434	3,264,364	1,740,930
2	Tobacco manufactures	3	3	3	6	116						
12	Leather and leather products	3	-------	8	48	624						
13	Stone, clay, and glass products	4	3	1	4	40	165,073	169,328	1,523,577	3,351,374	6,972,991	3,621,617
5	Lumber and timber basic products	2										
7	Paper and allied products	2	-------	12	38	700						
18	Automobiles and automobile equipment	1										
	SCRANTON											
	All industries, total	194	114	143	810	9,023	$670,987	$1,419,653	$8,254,545	$21,917,378	$41,783,103	$19,865,725
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	32	27	8	76	995	35,738	117,965	1,131,791	2,592,541	5,323,901	2,731,360
13	Concrete products	7	5	5	6	33	8,270	7,214	24,709	74,861	159,133	84,272
8	General commercial (job) printing	17	17	9	36	186	45,958	67,898	246,093	330,470	948,999	618,529
1	Ice cream and ices	3	-------	3	1	19	(5)	(5)	(5)	(5)	(5)	(5)
17	Machine-shop products, not elsewhere classified	3	1	2	5	84	(5)	(5)	(5)	(5)	(5)	(5)
4	Men's and boys' hats and caps (except felt and straw)	3	3	-------	4	46	(5)	(5)	(5)	(5)	(5)	(5)
8	Newspapers: publishing and printing	6	5	7	137	215	(5)	(5)	(5)	(5)	(5)	(5)
1	Nonalcoholic beverages	10	12	1	10	32	4,812	14,440	42,300	238,694	469,776	231,082
9	Paints, varnishes, and lacquers	2	-------	4	1	5	8,562	600	3,206	52,057	81,000	28,943
5	Planing mills not operated in conjunction with sawmills	5	3	-------	2	26	-------	4,356	34,493	68,941	122,737	53,796
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	5	4	-------	6	28	-------	8,359	33,709	344,854	412,497	67,643
3	Silk throwing and spinning—contract factories	4	-------	5	15	274	9,660	16,299	138,951	50,546	273,934	223,388
17	Textile machinery	3	2	4	7	78	(5)	(5)	(5)	(5)	(5)	(5)
4	Trousers (semidress), wash suits and washable service apparel	5	7	-------	24	858	-------	33,630	456,916	1,181,981	2,745,594	1,563,613
	Other industries [6]	107	39	111	634	6,587	557,987	1,148,892	6,142,377	16,982,433	31,245,532	14,263,099
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]											
1	Food and kindred products	14	3	16	31	250	57,836	43,621	248,744	1,224,756	2,531,651	1,306,895
3	Textile-mill products and other fiber manufactures	13	2	19	182	2,876	156,569	325,431	2,584,346	7,747,838	12,834,280	5,086,442
4	Apparel and other finished products made from fabrics and similar materials	14	5	9	74	1,199	83,463	130,489	943,786	3,528,626	5,757,923	2,229,297
6	Furniture and finished lumber products	7	5	4	13	127	13,500	21,968	106,846	274,299	529,493	255,194
8	Printing, publishing, and allied industries	15	8	18	188	568	82,938	400,611	879,040	858,053	3,268,865	2,410,812
14	Iron and steel and their products, except machinery	9	3	9	16	110	26,895	28,179	89,131	197,423	446,142	248,719
17	Machinery (except electrical)	12	6	13	35	356	34,930	71,261	405,879	843,286	1,543,781	700,495
2	Tobacco manufactures	4	2	5	10	299						
9	Chemicals and allied products	6	1	6	9	62						
13	Stone, clay, and glass products	3	-------	6	2	18						
20	Miscellaneous industries	3	1	5	40	536						
7	Paper and allied products	1					101,856	127,332	884,605	2,308,152	4,333,397	2,025,245
10	Products of petroleum and coal	1	3	1	34	186						
12	Leather and leather products	2										
15	Nonferrous metals and their products	1										
16	Electrical machinery	2										

* As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries" for the cities.

[1] Figures do not include data for personnel of central-administrative offices.

[2] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

[4] Other statistics for the city of Erie, except number of establishments and number of wage earners by industries (see table 13), are withheld to avoid disclosing exact or approximate data reported by individual establishments.

[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.

[6] For number of establishments and of wage earners in individual industries, see table 12.

[a], [b], [c], [d], and [e] To avoid disclosing exact or approximate data for individual establishments, the data for certain establishments located outside the cities have been included in the figures for the industries to which these footnotes are indexed. Data for these establishments are not, however, included in the totals for the cities.

[a] 1 establishment. [b] 2 establishments. [c] 3 establishments. [d] 4 establishments. [e] 6 establishments.

Table 11.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939

County	Total	Industry group 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
The State	13,801	3,568	151	1,123	1,338	483	558	298	1,638	620	115	33	250	781	946	360	138	788	68	56	489
Adams	70	24	7	1	7	5	9	1	1	2		1	4	6	1			1			
Allegheny	1,571	181	6	2	38	35	53	17	276	87	8	1	7	102	195	56	27	95	9	6	70
Armstrong	52	20		1		2			5		1		1	17	2			3			
Beaver	165	39			2	9	6		11	8	4			32	34	3	2	11	1	2	1
Bedford	36	16		1	1	7	3		4	1				3							
Berks	506	138	7	110	21	13	17	18	30	15	4		7	13	39	15	4	29	5		21
Blair	105	50		5	3	2	2	6	12	5	1		1	11	1	1		1	1	1	2
Bradford	41	14		3		8	1	2	6				1		2		1	3			
Bucks	185	42	4	35	35	3	2	9	16	4		2	4	9	7	3		5	1	2	2
Butler	83	28			1	7	2		6	3	5	2		11	4	1		10	1	2	
Cambria	133	49	1	3	4	16	4	1	17	1	2			12	9	1	2	6	1	1	3
Cameron	4								1	1			1				1				
Carbon	59	21		12	8				6	3			1	2	4	1		1			
Centre	50	13		3	2	10	1		6		1			9	1	1		3			
Chester	181	56		17	7	8	4	14	17	11				14	14	3		13	1	1	1
Clarion	38	15				7	1	1	5	1		1		6				1			
Clearfield	71	19		4	4	3	1	1	13	1			2	14	3		1	5			
Clinton	41	14		2		2	1	4	4	1	1		2	5	2		1	1		1	
Columbia	77	30		14	6	4			6	1			1	4	4			5		1	1
Crawford	73	27		1		6	3		7	2	3		1	1	10	1		6			5
Cumberland	107	33	1	10	12	4	4	3	10	5	1	1	2	8	5	2	2	1		1	2
Dauphin	251	86	2	7	21	10	4	2	48	12	3		8	13	10	2		14	2	1	6
Delaware	214	58		27	2	7	5	4	21	15	4	2	5	18	13	4	1	15	1	6	6
Elk	44	10				4		2	5	2	1		5	4	2		6	3			
Erie	309	83	1		4	9	22	7	26	9	5	1	3	12	42	12	11	37	1	3	21
Fayette	118	39	1	1	1	18	1	1	13	6	14			14	6			2		1	
Forest	4					1				1			1	1							
Franklin	95	33		5	6	13	1	1	9	2			2	5	3	3		11			1
Fulton	12	5				6			1												
Greene	14	7				2			3					1				1			
Huntingdon	41	12		1	1	12	2	1	5					5	1			1			
Indiana	41	15		1		4	2		8		1	1	1	4	1			3			
Jefferson	49	17		1	3	4	2		7					9	1			3		1	1
Juniata	22	10		1	5	2			1				1	2							
Lackawanna	272	93	4	30	27	9	9	1	37	12	1		2	10	16	1	2	13	1		4
Lancaster	431	128	9	43	34	13	14	9	41	10	1	1	19	18	36	7	3	25		1	19
Lawrence	94	30			1	3	2		8	5	2			18	17	1	2	4			1
Lebanon	157	51	4	10	22	8	2	6	6	5	2	1	10	9	18			3			
Lehigh	346	82	5	56	48	7	20	3	28	14		1	3	25	21	5	3	14	3		8
Luzerne	307	117	3	37	27	9	6	4	38	9	1		1	8	16	2	2	21	2		4
Lycoming	153	36		13	5	13	19	4	14	6	1		8	10	11	2		6	1	1	3
McKean	95	12		1	1	5	6	1	12	17	3		4	7	4	1		16			5
Mercer	102	33		1	1	7	2		9	6	1		1	3	19	4	1	9	1	1	3
Mifflin	38	17		3		6			4	1	1			1	4			1			
Monroe	53	14		14	1	5			5	2			1	4	4		1	2			
Montgomery	506	98	2	82	50	19	14	12	40	16	4	4	7	49	48	7	6	30	5	3	10
Montour	13	5		1	1				2		1				2			1			
Northampton	278	71		40	41	3	7	5	26	8	2		2	41	9	3	2	9		1	8
Northumberland	119	47	1	14	12	5	6	1	11	4				8	6	1		2		1	
Perry	33	13		2	5	6			4						1			1			1
Philadelphia	4,511	784	36	434	777	29	226	125	607	259	8	13	99	96	200	197	44	275	24	13	265
Pike	7			1		4			1	1											
Potter	26	6		1		2	1	3	4	5			2								2
Schuylkill	201	73		31	35	9	3	6	18	1	2		10	5	4			3			1
Snyder	33	10		6	5	1		1	4	1			1	4							
Somerset	55	19	1			15			8	2				6	1			2		1	
Sullivan	5	1		1	1	1			1												
Susquehanna	27	11		1	1	7	2		3						1			1			
Tioga	31	10		1		5	2		6	1			2	2				2			
Union	31	12		4	3	2	1		4		1			2	1				1		
Venango	68	20				5	2		6	4	7			2	7	1		11		3	
Warren	58	11				5	8		5	7	4			3	8		2	3	1	1	
Washington	131	47			1	9	3	2	13	6				27	13	3		6			1
Wayne	41	9		6	5	6	5	1	4		1		3					1			
Westmoreland	243	82		1	4	8	5		28	8	8	1		35	35	12	6	9			1
Wyoming	17	6				3	2		2		1		1	2							
York	457	116	56	21	36	11	38	19	33	11	4		13	19	28	4	5	28	5		10

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE ALLENTOWN-BETHLEHEM, PHILADELPHIA-CAMDEN, PITTSBURGH, READING, SCRANTON-WILKES-BARRE, AND YOUNGSTOWN INDUSTRIAL AREAS, AND FOR PHILADELPHIA, PITTSBURGH, READING, AND SCRANTON: 1939

[In order to avoid disclosing data for individual establishments, wage-earner figures for industries represented by fewer than three establishments are withheld]

Group No.[1]	INDUSTRY	Number of establishments	Wage earners
	STATE OF PENNSYLVANIA		
1	Baking powder, yeast, and other leavening compounds	2	-------
	Blended and prepared flour made from purchased flour	1	-------
	Cereal preparations	3	207
	Chocolate and cocoa products	7	3,226
	Cooking and other edible fats and oils, not elsewhere classified	1	-------
	Custom slaughtering, wholesale	2	-------
	Preserves, jams, jellies, and fruit butters	4	372
	Quick-frozen foods	3	87
	Sausage casings—not made in meat-packing establishments	1	-------
	Special dairy products	2	-------
	Wines	1	-------
2	Cigarettes	1	-------
3	Artificial leather and oilcloth	1	-------
	Carpet yarn, woolen and worsted	15	2,678
	Cotton thread	2	-------
	Hat bodies and hats, fur-felt	4	3,084
	Knitted gloves	1	-------
	Linen goods	1	-------
	Linoleum, asphalted-felt-base, and other hard-surface floor coverings, not elsewhere classified	3	3,546
	Processed waste and recovered wool fiber—contract factories	1	-------
4	Children's and infants' wear, not elsewhere classified—made in contract factories	4	196
	Children's coats—made in inside factories or by jobbers engaging contractors	3	73
	Clothing, leather and sheep-lined	4	232
	Curtains, draperies, and bedspreads—contract factories	2	-------
	Dress and semidress gloves and mittens: cloth, cloth and leather combined	1	-------
	Handkerchiefs—made in inside factories or by jobbers engaging contractors	3	314
	Men's and boys' underwear—made in contract factories	3	707
	Men's neckwear—made in contract factories	1	-------
	Raincoats and other waterproof garments (except oiled cotton)	3	77
	Suspenders, garters, and other goods made from purchased elastic material	3	320
	Women's neckwear, scarfs, etc	3	43
5	Plywood mills	3	209
6	Cork products	4	1,338
	Excelsior	1	-------
	Matches	1	-------
	Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets	2	-------
	Venetian blinds	7	549
9	Ammunition	3	24
	Bone black, carbon black, and lampblack	3	63
	Candles	2	-------
	Coal-tar products, crude and intermediate	4	391
	Fish and other marine oils, cake, and meal	1	-------
	Linseed oil, cake, and meal	2	-------
	Plastic materials	3	404
	Rayon and allied products	3	7,334
	Writing ink	1	-------
10	Fuel briquets	1	-------
11	Reclaimed rubber	1	-------
12	Leather gloves and mittens	2	-------
	Leather: tanned, curried, and finished—contract factories	4	-------
13	Flat glass	12	5,736
	Gypsum products	1	-------
	Mineral wool	2	-------
	Natural graphite, ground and refined	1	-------
	Porcelain electrical supplies	3	693
	Terra cotta	2	-------
	Vitreous-china plumbing fixtures	3	424
	Whiteware	2	-------
14	Automobile stampings	3	643
	Doors, window sash, frames, molding, and trim (made of metal)	4	348
	Firearms	2	-------
	Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills	2	-------
	Safes and vaults	2	-------
	Saws	10	1,112
	STATE OF PENNSYLVANIA—Continued		
15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	12	3,193
	Aluminum ware, kitchen, hospital, and household (except electrical appliances)	2	-------
	Clocks, watches, and materials and parts (except watchcases)	3	1,318
	Collapsible tubes	2	-------
	Engraving on metal (except for printing purposes)	2	-------
	Gold and silver leaf and foil	3	141
	Tin and other foils (except gold and silver foil)	1	-------
16	Automotive electrical equipment	6	1,830
	Electrical measuring instruments	4	37
	Electric lamps	3	144
	Radios, radio tubes, and phonographs	4	3,956
	X-ray and therapeutic apparatus and electronic tubes	4	27
17	Cars and trucks, industrial	5	560
	Laundry equipment, domestic	1	-------
	Machine tools	11	1,411
	Measuring and dispensing pumps	2	-------
	Office and store machines not elsewhere classified	5	119
	Sewing machines, domestic and industrial	2	-------
	Tractors	1	-------
	Vending, amusement, and other coin-operated machines	1	-------
18	Automobile trailers (for attachment to passenger cars)	2	-------
19	Locomotives (including frames) and parts: railroad, mining, and industrial	4	-------
	Motorcycles, bicycles, and parts	1	-------
	Shipbuilding and ship repairing	17	6,551
	Transportation equipment not elsewhere classified	5	138
20	Artists' materials	3	96
	Beauty-shop and barber-shop equipment	3	62
	Carbon paper and inked ribbons	3	57
	Costume jewelry and costume novelties (jewelry other than fine jewelry)	1	-------
	Dolls (except rubber)	1	-------
	Fire extinguishers, chemical	1	-------
	Musical instruments, parts, and materials not elsewhere classified	3	38
	Needles, pins, hooks and eyes, and slide and snap fasteners	6	3,374
	Pens, mechanical pencils, and pen points	1	-------
	Pianos	2	-------
	Soda fountains, beer dispensing equipment, and related products	3	76
	PHILADELPHIA-CAMDEN INDUSTRIAL AREA		
1	Baking powder, yeast, and other leavening compounds	1	-------
	Blended and prepared flour made from purchased flour	1	-------
	Canned and dried fruits and vegetables (including canned soups)	16	4,205
	Cereal preparations	2	-------
	Chewing gum	2	-------
	Chocolate and cocoa products	3	479
	Condensed and evaporated milk	1	-------
	Cooking and other edible fats and oils, not elsewhere classified	1	-------
	Custom slaughtering, wholesale	1	-------
	Liquors, distilled	4	128
	Liquors, rectified or blended	11	-------
	Preserves, jams, jellies, and fruit butters	1	-------
	Quick-frozen foods	1	-------
	Special dairy products	1	-------
2	Cigarettes	1	-------
3	Artificial leather and oilcloth	1	-------
	Carpet yarn, woolen and worsted	15	2,678
	Cloth sponging and miscellaneous special finishing	12	-------
	Cotton thread	2	-------
	Dyeing and finishing woolen and worsted	19	-------
	Felt goods, wool, hair, and jute (except woven felts and hat bodies and hats)	4	183
	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	8	279
	Hat bodies and hats, fur-felt	1	-------
	Jute goods (except felt)	1	-------
	Lace goods	5	-------
	Linen goods	1	-------
	Linoleum, asphalted-felt-base, and other hard-surface floor coverings, not elsewhere classified	4	1,323
	Processed waste and recovered wool fibers—contract factories	1	-------
	Silk broad woven goods—contract factories	1	-------
	Silk broad woven goods—regular factories or jobbers engaging contractors	1	-------

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE ALLENTOWN-BETHLEHEM, PHILADELPHIA-CAMDEN, PITTSBURGH, READING, SCRANTON-WILKES-BARRE, AND YOUNGSTOWN INDUSTRIAL AREAS, AND FOR PHILADELPHIA, PITTSBURGH, READING, AND SCRANTON: 1939—Continued

Group No.[1]	INDUSTRY	Number of establishments	Wage earners
	PHILADELPHIA-CAMDEN INDUSTRIAL AREA—Continued		
4	Children's and infants' wear not elsewhere classified—made in contract factories	1	.....
	Children's coats—made in contract factories	2	.....
	Children's coats—made in inside factories or by jobbers engaging contractors	3	73
	Clothing, leather and sheep-lined	3	.....
	Curtains, draperies, and bedspreads—contract factories	2	.....
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	10	498
	Embroideries, other than Schiffli-machine products—made in regular factories or by jobbers engaging contractors	3	.....
	Men's neckwear—made in contract factories	1	.....
	Men's neckwear—made in inside factories or by jobbers engaging contractors	21	427
	Raincoats and other waterproof garments (except oiled cotton)	3	77
	Suspenders, garters, and other goods made from purchased elastic material	2	.....
	Textile bags—not made in textile mills	8	.....
	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	7	115
	Women's neckwear, scarfs, etc	3	43
	Work gloves and mittens: cloth, cloth and leather combined	2	.....
	Work shirts	1	.....
6	Cork products	1	.....
	Laboratory, hospital, and other professional furniture	6	26
	Lasts and related products	2	.....
	Mirror frames and picture frames	10	.....
	Public-building furniture	2	.....
	Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets	1	.....
	Venetian blinds	2	.....
	Window and door screens and weather strip	3	95
	Wood preserving	1	.....
7	Envelopes	12	.....
	Paper bags, except those made in paper mills	8	.....
8	Engraving (steel, copperplate, and wood); plate printing	26	755
	Periodicals: publishing and printing	27	2,945
9	Bluing	2	.....
	Bone black, carbon black, and lampblack	3	60
	Candles	2	.....
	Coal-tar products, crude and intermediate	3	.....
	Explosives	1	.....
	Linseed oil, cake, and meal	2	.....
	Mucilage, paste, and other adhesives, except glue and rubber cement	6	.....
	Plastic materials	2	.....
	Rayon and allied products	2	.....
	Writing ink	1	.....
10	Oven coke and coke-oven byproducts	3	927
	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	3	232
11	Reclaimed rubber	1	.....
	Tires and inner tubes	2	.....
12	Leather: tanned, curried, and finished—contract factories	3	.....
	Saddlery, harness, and whips	2	.....
	Small leather goods	5	.....
13	Asbestos products (except steam packing and pipe and boiler covering)	7	588
	Cement	1	.....
	Clay products (except pottery) not elsewhere classified	1	.....
	Floor and wall tile (except quarry tile)	3	.....
	Glass containers	1	.....
	Gypsum products	1	.....
	Nonclay refractories	3	406
	Sand-lime brick, block and tile	2	.....
	Tableware, pressed or blown glass, and glassware not elsewhere classified	2	.....
	Terra cotta	2	.....
	Vitreous-china plumbing fixtures	1	.....
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	5	.....
14	Automobile stampings	1	.....
	Blast-furnace products	1	.....
	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	7	258
	Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills	2	.....
	Doors, window sash, frames, molding, and trim (made of metal)	2	.....
14	Enameling, japanning, and lacquering	2	.....
	Firearms	1	.....
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	3	246
	Heating and cooking apparatus, except electric, not elsewhere classified	6	376
	Malleable-iron castings	1	.....
	Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills	1	.....
	Safes and vaults	1	.....
	Saws	2	.....
	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	3	176
	Steel barrels, kegs, and drums	3	.....
	Vitreous-enameled products, including kitchen, household, and hospital utensils	2	.....
	Wire drawn from purchased rods	2	.....
	Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills	1	.....
15	Clocks, watches, and materials and parts (except watchcases)	1	.....
	Collapsible tubes	1	.....
	Engraving on metal (except for printing purposes)	2	.....
	Gold and silver leaf and foil	3	141
	Secondary smelting and refining, gold, silver, and platinum	3	.....
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	6	.....
	Silverware and plated ware	6	.....
	Watchcases	1	.....
16	Automotive electrical equipment	1	.....
	Batteries, storage and primary (dry and wet)	5	2,080
	Carbon products for the electrical industry, and manufactures of carbon or artificial graphite	2	.....
	Electrical measuring instruments	3	35
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	13	2,051
	Insulated wire and cable	4	.....
	Radios, radio tubes, and phonographs	2	.....
	X-ray and therapeutic apparatus and electronic tubes	3	12
17	Blowers; exhaust and ventilating fans	2	.....
	Cars and trucks, industrial	2	.....
	Commercial laundry, dry-cleaning, and pressing machinery	2	.....
	Internal-combustion engines	2	.....
	Machine tools	7	459
	Measuring and dispensing pumps	1	.....
	Mining machinery and equipment	1	.....
	Office and store machines not elsewhere classified	3	25
	Paper-mill, pulp-mill, and paper-products machinery	11	.....
	Printing-trades machinery and equipment	9	407
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	16	181
	Scales and balances	4	.....
	Steam engines, turbines, and water wheels	2	.....
	Vending, amusement, and other coin-operated machines	1	.....
18	Automobile trailers (for attachment to passenger cars)	1	.....
19	Cars and car equipment—railroad, street, and rapid-transit	4	1,256
	Locomotives (including frames) and parts: railroad, mining, and industrial	1	.....
	Motorcycles, bicycles, and parts	1	.....
	Shipbuilding and ship repairing	14	10,173
	Transportation equipment not elsewhere classified	2	.....
20	Artists' materials	2	.....
	Beauty-shop and barber-shop equipment	2	.....
	Carbon paper and inked ribbons	3	126
	Children's vehicles	1	.....
	Costume jewelry and costume novelties (jewelry other than fine jewelry)	1	.....
	Dolls (except rubber)	1	.....
	Fire extinguishers, chemical	1	.....
	Furs, dressed and dyed	3	40
	Hair work	4	.....
	Jewelry cases and instrument cases	7	.....
	Musical instruments, parts, and materials not elsewhere classified	1	.....
	Needles, pins, hooks and eyes, and slide and snap fasteners	4	466
	Ophthalmic goods: lenses and fittings	2	.....
	Optical instruments and lenses	1	.....
	Organs	1	.....
	Pencils (except mechanical) and crayons	2	.....
	Pens, mechanical pencils, and pen points	4	619
	Photographic apparatus and materials and projection equipment (except lenses)	7	.....

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE ALLENTOWN-BETHLEHEM, PHILADELPHIA-CAMDEN, PITTSBURGH, READING, SCRANTON-WILKES-BARRE, AND YOUNGSTOWN INDUSTRIAL AREAS, AND FOR PHILADELPHIA, PITTSBURGH, READING, AND SCRANTON: 1939—Continued

Group No.[1]	INDUSTRY	Number of establishments	Wage earners
	PHILADELPHIA-CAMDEN INDUSTRIAL AREA—Continued		
20	Piano and organ parts and materials	1	
	Pianos	1	
	Soda fountains, beer dispensing equipment, and related products	2	
	Wool pulling	5	
	PITTSBURGH INDUSTRIAL AREA		
1	Baking powder, yeast, and other leavening compounds	1	
	Biscuit, crackers, and pretzels	6	550
	Canned and dried fruits and vegetables (including canned soups)	2	
	Cereal preparations	1	
	Cheese	1	
	Chewing gum	1	
	Condensed and evaporated milk	2	
	Creamery butter	9	66
	Cured fish	2	
	Flavoring extracts and flavoring sirups, not elsewhere classified	2	
	Liquors, distilled	1	
	Macaroni, spaghetti, vermicelli, and noodles	5	154
	Pickled fruits and vegetables and vegetable sauces and seasonings	5	
	Poultry dressing and packing, wholesale	1	
	Preserves, jams, jellies, and fruit butters	2	
	Sausage casings—not made in meat-packing establishments	1	
	Special dairy products	1	
2	Cigars	5	
	Tobacco (chewing and smoking) and snuff	1	
3	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	1	
	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	2	
4	Canvas products (except bags)	3	
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	2	
	Embroideries, other than Schiffli-machine products—contract factories	2	
	Fur coats and other fur garments, accessories, and trimmings	1	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	3	110
	Housefurnishings (except curtains, draperies, and bedspreads)	6	287
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	2	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	2	
	Miscellaneous fabricated textile products not elsewhere classified	1	
	Suspenders, garters, and other goods made from purchased elastic material	1	
	Textile bags—not made in textile mills	2	
	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories	1	
	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	2	
	Trousers (semidress), wash suits, and washable service apparel	3	241
	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	1	
	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	2	
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	3	59
	Work gloves and mittens: cloth, cloth and leather combined	2	
6	Baskets for fruits and vegetables	2	
	Caskets, coffins, burial cases, and other morticians' goods	8	344
	Cigar boxes: wooden, part wooden	1	
	Cork products	3	
	Window and door screens and weather strip	1	
	Window shades	2	
7	Coated and glazed paper	1	
	Converted paper products not elsewhere classified	1	
	Envelopes	2	
	Paper and paperboard mills	2	
8	Books: publishing and printing	2	
	Books: publishing without printing	2	
	Engraving (steel, copperplate, and wood); plate printing	6	185
	PITTSBURGH INDUSTRIAL AREA—Continued		
8	Greeting cards (except hand-painted)	1	
	Periodicals: publishing and printing	14	162
9	Ammunition	3	24
	Bluing	1	
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	14	244
	Explosives	1	
	Fireworks	2	
	Fish and other marine oils, cake, and meal	1	
	Lubricating oils and greases—not made in petroleum refineries	7	210
	Mucilage, paste, and other adhesives, except glue and rubber cement	1	
	Paints, varnishes, and lacquers	21	337
	Perfumes, cosmetics, and other toilet preparations	3	
	Plastic materials	2	
	Printing ink	1	
10	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	1	
11	Rubber products not elsewhere classified	1	
	Tires and inner tubes	1	
12	Industrial leather belting and packing leather	1	
	Leather goods not elsewhere classified	1	
	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	1	
	Saddlery, harness, and whips	1	
	Suitcases, brief cases, bags, trunks, and other luggage	3	127
13	Abrasive wheels, stones, paper, cloth, and related products	4	47
	Cement	2	
	Clay products (except pottery) not elsewhere classified	1	
	Flat glass	6	3,117
	Hotel china	1	
	Lime	1	
	Minerals and earths, ground or otherwise treated	3	32
	Porcelain electrical supplies	3	693
	Pottery products not elsewhere classified	3	53
	Sand-lime brick, block and tile	2	
	Steam and other packing; pipe and boiler covering	3	33
	Vitreous-china plumbing fixtures	1	
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	2	
	Whiteware	2	
14	Automobile stampings	1	
	Cast-iron pipe and fittings	2	
	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	1	
	Doors, window sash, frames, molding, and trim (made of metal)	2	
	Enameling, japanning, and lacquering	1	
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	3	
	Hardware not elsewhere classified	3	439
	Heating and cooking apparatus, except electric, not elsewhere classified	2	
	Malleable-iron castings	1	
	Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills	1	
	Oil burners, domestic and industrial	1	
	Saws	5	
	Steam and hot-water heating apparatus (including hot-water furnaces)	3	366
	Steam fittings, regardless of material	3	1,646
	Vitreous-enameled products, including kitchen, household, and hospital utensils	3	1,413
	Wire drawn from purchased rods	3	979
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	5	520
	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	4	3,074
	Aluminum ware, kitchen, hospital, and household (except electrical appliances)	1	
	Clocks, watches, and materials and parts (except watchcases)	1	
	Collapsible tubes	1	
	Jewelry (precious metals)	5	58
	Primary smelting and refining of nonferrous metals	3	
	Secondary smelting and refining, gold, silver, and platinum	1	
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	6	164
	Silverware and plated ware	1	
	Tin and other foils (except gold and silver foil)	1	
16	Automotive electrical equipment	1	
	Batteries, storage and primary (dry and wet)	2	
	Carbon products for the electrical industry, and manufactures of carbon or artificial graphite	2	

See footnote at end of table

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE ALLENTOWN-BETHLEHEM, PHILADELPHIA-CAMDEN, PITTSBURGH, READING, SCRANTON-WILKES-BARRE, AND YOUNGSTOWN INDUSTRIAL AREAS, AND FOR PHILADELPHIA, PITTSBURGH, READING, AND SCRANTON: 1939—Continued

Group No.[1]	INDUSTRY	Number of establishments	Wage earners
	PITTSBURGH INDUSTRIAL AREA—Continued		
16	Communication equipment	3	917
	Electrical appliances	1	
	Electrical measuring instruments	1	
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	13	
	Insulated wire and cable	1	
17	Construction and similar machinery (except mining and oil-field machinery and tools)	1	
	Elevators, escalators, and conveyors	2	
	Food-products machinery	2	
	Machine tools	1	
	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	3	674
	Metalworking machinery and equipment, not elsewhere classified	2	
	Mining machinery and equipment	2	
	Oil-field machinery and tools	2	
	Printing-trades machinery and equipment	3	256
	Pumping equipment and air compressors	3	198
	Steam engines, turbines, and water wheels	1	
	Stokers, mechanical, domestic and industrial	1	
	Woodworking machinery	1	
19	Aircraft and parts, including aircraft engines	1	
	Cars and car equipment—railroad, street, and rapid-transit	1	
	Locomotives (including frames) and parts: railroad, mining, and industrial	1	
20	Artists' materials	1	
	Beauty-shop and barber-shop equipment	1	
	Brushes	4	48
	Carbon paper and inked ribbons	1	
	Dental equipment and supplies	2	
	Fabricated plastic products, not elsewhere classified	2	
	Feathers, plumes, and artificial flowers	2	
	Games and toys (except dolls and children's vehicles)	2	
	Lamp shades	1	
	Miscellaneous fabricated products not elsewhere classified	3	22
	Optical instruments and lenses	2	
	Photographic apparatus and materials and projection equipment (except lenses)	1	
	Sporting and athletic goods not elsewhere classified	1	
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	9	494
	Umbrellas, parasols, and canes	1	
	Wool pulling	1	
	YOUNGSTOWN INDUSTRIAL AREA		
1	Candy and other confectionery products	2	
	Cheese	2	
	Condensed and evaporated milk	5	31
	Flour and other grain-mill products	6	57
	Food preparations, not elsewhere classified	1	
	Ice cream and ices	13	156
	Macaroni, spaghetti, vermicelli, and noodles	1	
	Malt liquors	3	92
	Pickled fruits and vegetables and vegetable sauces and seasonings	1	
	Poultry dressing and packing, wholesale	2	
3	Rayon broad woven goods—regular factories or jobbers engaging contractors	1	
4	Canvas products (except bags)	1	
	Housefurnishings (except curtains, draperies, and bedspreads)	2	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	1	
	Raincoats and other waterproof garments (except oiled cotton)	1	
	Textile bags—not made in textile mills	1	
	Trousers (semidress), wash suits, and washable service apparel	1	
	Work clothing (except work shirts), sports garments (except leather), and other men's and boys' apparel, not elsewhere classified	1	
6	Baskets for fruit and vegetables	2	
	Caskets, coffins, burial cases, and other morticians' goods	2	
	Cooperage	2	
	Mattresses and bedsprings	2	
	Office furniture	1	
	Partitions, shelving, cabinet work, and office and store fixtures	1	
	Upholstered household furniture	2	
	Window shades	1	
	Wooden boxes except cigar boxes	3	54
	Wood products not elsewhere classified	2	
	YOUNGSTOWN INDUSTRIAL AREA—Con.		
7	Paperboard containers and boxes not elsewhere classified	1	
8	Bookbinding and related industries	2	
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	1	
	Machine and hand typesetting (including advertisement typesetting)	1	
	Periodicals; publishing and printing	1	
	Periodicals: publishing without printing	1	
	Photoengraving, not done in printing establishments (including preparation of plates)	2	
9	Chemicals not elsewhere classified	2	
	Cleaning and polishing preparations, blackings, and dressings	2	
	Coal-tar products, crude and intermediate	1	
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	4	71
	Drugs and medicines (including drug grinding)	2	
	Explosives	1	
	Fireworks	1	
	Insecticides, fungicides, and related industrial and household chemical compounds	2	
	Lubricating oils and greases—not made in petroleum refineries	1	
	Paints, varnishes, and lacquers	2	
10	Oven coke and coke-oven byproducts	4	772
	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	1	
11	Rubber products not elsewhere classified	1	
	Tires and inner tubes	1	
12	Leather gloves and mittens	1	
	Leather goods not elsewhere classified	1	
	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	1	
13	Abrasive wheels, stones, paper, cloth, and related products	1	
	Clay refractories, including refractory cement (clay)	2	
	Hotel china	1	
	Lime	2	
	Minerals and earths, ground or otherwise treated	6	247
	Mirrors and other glass products made of purchased glass	1	
	Nonclay refractories	1	
	Pottery products not elsewhere classified	3	172
	Sand-lime brick, block and tile	1	
	Steam and other packing; pipe and boiler covering	2	
	Tableware, pressed or blown glass, and glassware not elsewhere classified	2	
	Vitreous-china plumbing fixtures	1	
14	Automobile stampings	2	
	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	2	
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	2	
	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	11	1,691
	Forgings, iron and steel—made in plants not operated in connection with rolling mills	1	
	Gray-iron and semisteel castings	10	882
	Hardware not elsewhere classified	2	
	Stamped and pressed metal products (except automobile stampings)	6	1,283
	Steam and hot-water heating apparatus (including hot-water furnaces)	2	
	Steel castings	3	1,031
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	1	
	Tin cans and other tinware not elsewhere classified	1	
	Tools (except edge tools, machine tools, files, and saws)	2	
	Vitreous-enameled products, including kitchen, household, and hospital utensils	1	
15	Electroplating, plating, and polishing	1	
	Lighting fixtures	1	
	Nonferrous-metal products not elsewhere classified	1	
16	Batteries, storage and primary (dry and wet)	1	
	Communication equipment	1	
	Electric lamps	4	
	Insulated wire and cable	1	
	Radios, radio tubes, and phonographs	1	
	Wiring devices and supplies	1	

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE ALLENTOWN-BETHLEHEM, PHILADELPHIA-CAMDEN, PITTSBURGH, READING, SCRANTON-WILKES-BARRE, AND YOUNGSTOWN INDUSTRIAL AREAS, AND FOR PHILADELPHIA, PITTSBURGH, READING, AND SCRANTON: 1939—Continued

Group No.[1]	INDUSTRY	Number of establishments	Wage earners
	YOUNGSTOWN INDUSTRIAL AREA—Con.		
17	Blowers; exhaust and ventilating fans	1	
	Elevators, escalators, and conveyors	1	
	Food-products machinery	1	
	Industrial machinery, not elsewhere classified	2	
	Internal-combustion engines	1	
	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	1	
	Machine tools	1	
	Oil-field machinery and tools	1	
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	1	
	Special-industry machinery, not elsewhere classified	1	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	2	
20	Brooms	2	
	Hand stamps, stencils, and brands	1	
	Professional and scientific instruments (except surgical and dental)	2	
	Signs, advertising displays, and advertising novelties	4	73
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	2	
	ALLENTOWN-BETHLEHEM INDUSTRIAL AREA		
1	Candy and other confectionery products	4	240
	Condensed and evaporated milk	1	
	Food preparations, not elsewhere classified	3	17
	Macaroni, spaghetti, vermicelli, and noodles	1	
	Meat packing, wholesale	4	308
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	2	
2	Cigars	4	
	Tobacco (chewing and smoking) and snuff	1	
3	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	1	
	Cordage and twine	1	
	Cotton narrow fabrics	1	
	Dyeing and finishing cotton, rayon, silk, and linen textiles	7	493
	Felt goods, wool, hair, and jute (except woven felts and hat bodies and hats)	1	
	Hosiery—seamless	1	
	Jute goods (except felt)	2	
	Knitted outerwear (except knit gloves)—contract factories	2	
	Rayon narrow fabrics	1	
	Rayon throwing and spinning—contract factories	3	370
	Silk yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	1	
	Woolen and worsted manufactures—contract factories	1	
4	Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors	1	
	Children's dresses—made in contract factories	1	
	Coats, suits, and skirts (except fur coats)—made in contract factories	1	
	Corsets and allied garments	1	
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	1	
	Dress and semidress gloves and mittens: cloth, cloth and leather combined	1	
	Fur coats and other fur garments, accessories, and trimmings	1	
	Housefurnishings (except curtains, draperies, and bedspreads)	2	
	Men's and boys' underwear—made in contract factories	3	707
	Men's and boys' underwear—made in inside factories or by jobbers engaging contractors	5	709
	Men's neckwear—made in inside factories or by jobbers engaging contractors	2	
	Millinery	1	
	Robes, lounging garments, and dressing gowns	1	
	Trousers (semidress), wash suits, and washable service apparel	3	151
	Women's and misses' blouses and waists—made in contract factories	6	297
	Women's and misses' clothing, not elsewhere classified—made in contract factories	1	
	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	1	
	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics	2	
	ALLENTOWN-BETHLEHEM INDUSTRIAL AREA—Continued		
4	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	5	838
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	2	
5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	1	
6	Cigar boxes: wooden, part wooden	1	
	Cooperage	1	
	Mattresses and bedsprings	2	
	Office furniture	1	
	Partitions, shelving, cabinet work, and office and store fixtures	2	
7	Converted paper products not elsewhere classified	1	
	Paper bags, except those made in paper mills	1	
8	Bookbinding and related industries	2	
	Books: printing without publishing	1	
	Books: publishing and printing	1	
	Greeting cards (except hand-painted)	1	
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	1	
	Periodicals: publishing and printing	1	
	Photoengraving, not done in printing establishments (including preparation of plates)	2	
9	Bone black, carbon black, and lampblack	1	
	Chemicals not elsewhere classified	2	
	Colors and pigments	3	362
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	3	32
	Drugs and medicines (including drug grinding)	3	9
	Explosives	1	
	Fertilizers	1	
	Grease and tallow (except lubricating greases)	3	14
	Insecticides, fungicides, and related industrial and household chemical compounds	2	
	Lubricating oils and greases—not made in petroleum refineries	1	
	Paints, varnishes, and lacquers	1	
	Perfumes, cosmetics, and other toilet preparations	1	
10	Oven coke and coke-oven byproducts	1	
	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	1	
11	Rubber products not elsewhere classified	1	
12	Footwear (except rubber)	2	
13	Abrasive wheels, stones, paper, cloth, and related products	1	
	Brick and hollow structural tile	1	
	Concrete products	9	151
	Minerals and earths, ground or otherwise treated	1	
	Mineral wool	2	
	Natural graphite, ground and refined	1	
14	Blast-furnace products	1	
	Cast-iron pipe and fittings	2	
	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	5	363
	Forgings, iron and steel—made in plants not operated in connection with rolling mills	1	
	Hardware not elsewhere classified	2	
	Malleable-iron castings	1	
	Stamped and pressed metal products (except automobile stampings)	1	
	Steam fittings, regardless of material	1	
	Steel works and rolling mills	4	11,306
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	1	
	Tools (except edge tools, machine tools, files, and saws)	2	
15	Electroplating, plating, and polishing	3	121
	Lighting fixtures	1	
	Nonferrous-metal foundries (except aluminum)	2	
	Sheet-metal work not specifically classified	2	
16	Automotive electrical equipment	1	
	Communication equipment	1	
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	1	
	Wiring devices and supplies	2	

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE ALLENTOWN-BETHLEHEM, PHILADELPHIA-CAMDEN, PITTSBURGH, READING, SCRANTON-WILKES-BARRE, AND YOUNGSTOWN INDUSTRIAL AREAS, AND FOR PHILADELPHIA, PITTSBURGH, READING, AND SCRANTON: 1939—Continued

Group No.[1]	INDUSTRY	Number of establishments	Wage earners
	ALLENTOWN-BETHLEHEM INDUSTRIAL AREA—Continued		
17	Agricultural machinery (except tractors)	1	-
	Cars and trucks, industrial	1	
	Machine-shop products, not elsewhere classified	7	30
	Machine-shop repairs	1	
	Metalworking machinery and equipment, not elsewhere classified	1	
	Printing-trades machinery and equipment	1	
	Pumping equipment and air compressors	2	
	Sewing machines, domestic and industrial	1	
	Special-industry machinery, not elsewhere classified	2	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	3	2,304
19	Shipbuilding and ship repairing	1	
20	Games and toys (except dolls and children's vehicles)	2	
	Hand stamps, stencils, and brands	1	
	Models and patterns (except paper patterns)	1	
	Musical instruments, parts, and materials not elsewhere classified	1	
	Pencils (except mechanical) and crayons	2	
	Professional and scientific instruments (except surgical and dental	2	
	Signs, advertising displays, and advertising novelties	3	24
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	1	
	READING INDUSTRIAL AREA		
1	Candy and other confectionery products	8	693
	Chocolate and cocoa products	1	
	Condensed and evaporated milk	1	
	Food preparations, not elsewhere classified	3	12
	Malt liquors	3	137
	Meat packing, wholesale	4	223
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	3	8
	Wines	1	
2	Cigars	4	121
3	Cordage and twine	1	
	Cotton broad woven goods	2	
	Cotton narrow fabrics	2	
	Dyeing and finishing cotton, rayon, silk, and linen textiles	2	
	Hat bodies and hats, fur-felt	3	
	Hat bodies and hats, wool-felt	1	
	Knitted cloth	2	
	Knitted gloves	1	
	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	1	
	Rayon broad woven goods—contract factories	2	
	Silk broad woven goods—regular factories or jobbers engaging contractors	1	
	Silk narrow fabrics	1	
	Silk throwing and spinning—contract factories	2	
	Silk yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	1	
4	Embroideries: Schiffli-machine products	3	85
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	2	
	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	1	
	Women's, children's, and infants' underwear and night wear of knitted fabrics	1	
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	1	
	Work shirts	1	
6	Caskets, coffins, burial cases, and other morticians' goods	1	
	Cigar boxes: wooden, part wooden	2	
	Cooperage	1	
	Public-building furniture	4	
	Upholstered household furniture	1	
	Wooden boxes except cigar boxes	1	
7	Coated and glazed paper	2	
	Paper and paperboard mills	2	
8	Bookbinding and related industries	2	
	Books: printing without publishing	1	
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	1	
	Periodicals: publishing and printing	2	
	Periodicals: publishing without printing	2	
	Photoengraving, not done in printing establishments (including preparation of plates)	2	
9	Chemicals not elsewhere classified	1	
	Drugs and medicines (including drug grinding)	2	
	READING INDUSTRIAL AREA—Continued		
9	Fireworks	1	
	Insecticides, fungicides, and related industrial and household chemical compounds	3	62
	Paints, varnishes, and lacquers	2	
	Soap and glycerin	2	
	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	1	
10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	4	16
12	Women's pocketbooks, handbags, and purses	1	
13	Brick and hollow structural tile	2	
	Cement	1	
	Minerals and earths, ground or otherwise treated	1	
14	Blast-furnace products	1	
	Cast-iron pipe and fittings	2	
	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	2	
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semi-vitreous china sanitary ware)	1	
	Enameling, japanning, and lacquering	1	
	Power boilers and associated products	2	
	Stamped and pressed metal products (except automobile stampings)	1	
	Steam and hot-water heating apparatus (including hot-water furnaces)	1	
	Steel works and rolling mills	2	
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	3	554
	Tools (except edge tools, machine tools, files, and saws)	1	
	Vitreous-enameled products, including kitchen, household, and hospital utensils	1	
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	1	
	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	1	
	Electroplating, plating, and polishing	1	
	Jewelry (precious metals)	1	
	Lighting fixtures	2	
	Sheet-metal work not specifically classified	2	
16	Automotive electrical equipment	1	
	Batteries, storage and primary (dry and wet)	3	527
17	Agricultural machinery (except tractors)	2	
	Commercial laundry, dry-cleaning, and pressing machinery	1	
	Construction and similar machinery (except mining and oil-field machinery and tools)	2	
	Elevators, escalators, and conveyors	2	
	Industrial machinery, not elsewhere classified	3	91
	Machine-shop products, not elsewhere classified	5	
	Machine-shop repairs	2	
	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	1	
	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	1	
	Mechanical power-transmission equipment	1	
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	2	
	Sewing machines, domestic and industrial	1	
	Special-industry machinery, not elsewhere classified	1	
	Stokers, mechanical, domestic and industrial	1	
	Textile machinery	4	2,793
18	Motor vehicles, motor-vehicle bodies, parts and accessories	5	
20	Brushes	1	
	Feathers, plumes, and artificial flowers	1	
	Ophthalmic goods: lenses and fittings	2	
	Soda fountains, beer dispensing equipment, and related products	1	
	Sporting and athletic goods, not elsewhere classified	1	
	Surgical supplies and equipment, not elsewhere classified; orthopedic appliances	1	
	SCRANTON-WILKES-BARRE INDUSTRIAL AREA		
1	Cheese	1	
	Condensed and evaporated milk	2	
	Flour and other grain-mill products	2	
	Food preparations, not elsewhere classified	1	
	Liquors, distilled	1	
	Liquors, rectified or blended	1	
	Macaroni, spaghetti, vermicelli, and noodles	1	
2	Cigars	5	
	Tobacco (chewing and smoking) and snuff	2	

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE ALLENTOWN-BETHLEHEM, PHILADELPHIA-CAMDEN, PITTSBURGH, READING, SCRANTON-WILKES-BARRE, AND YOUNGSTOWN INDUSTRIAL AREAS, AND FOR PHILADELPHIA, PITTSBURGH, READING, AND SCRANTON: 1939—Continued

Group No.[1]	INDUSTRY	Number of establishments	Wage earners
	SCRANTON-WILKES-BARRE INDUSTRIAL AREA—Continued		
3	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	1	
	Hosiery—seamless	2	
	Knitted cloth	2	
	Knitted outerwear (except knit gloves)—contract factories	1	
	Rayon narrow fabrics	1	
	Silk broad woven goods—contract factories	1	
	Silk broad woven goods—regular factories or jobbers engaging contractors	5	1,048
	Silk yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	3	701
4	Children's dresses—made in contract factories	2	
	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	1	
	Corsets and allied garments	1	
	Embroideries, other than Schiffli-machine products—made in regular factories or by jobbers engaging contractors	1	
	Embroideries: Schiffli-machine products	2	
	House dresses, uniforms, and aprons—made in contract factories	3	286
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	2	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	1	
	Millinery	2	
	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	2	
	Women's and misses' dresses (except house dresses)—made in contract factories	3	293
	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	1	
	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics	1	
	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	1	
	Work shirts	1	
5	Logging camps and logging contractors (not operating sawmills)	2	
6	Baskets for fruits and vegetables	1	
	Caskets, coffins, burials cases, and other morticians' goods	2	
	Household furniture, except upholstered	1	
	Partitions, shelving, cabinet work, and office and store fixtures	2	
	Upholstered household furniture	2	
	Venetian blinds	1	
	Window shades	1	
	Wood products not elsewhere classified	1	
7	Paper and paperboard mills	1	
8	Bookbinding and related industries	2	
	Books: printing without publishing	1	
	Books: publishing and printing	1	
	Books: publishing without printing	1	
	Electrotyping and stereotyping, not done in printing establishments	1	
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	2	
	Newspapers: publishing without printing	1	
	Periodicals: publishing and printing	1	
9	Cleaning and polishing preparations, blackings, and dressings	2	
	Colors and pigments	1	
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	1	
	Drugs and medicines (including drug grinding)	3	10
	Explosives	4	163
	Fireworks	1	
	Insecticides, fungicides, and related industrial and household chemical compounds	2	
10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	2	
12	Footwear (except rubber)	1	
	Women's pocketbooks, handbags, and purses	2	
13	Brick and hollow structural tile	1	
	Minerals and earths, ground or otherwise treated	2	
	Mirrors and other glass products made of purchased glass	1	
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	2	
	SCRANTON-WILKES-BARRE INDUSTRIAL AREA—Continued		
14	Power boilers and associated products	2	
	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	1	
	Steam fittings, regardless of material	1	
	Steel castings	1	
	Tin cans and other tinware not elsewhere classified	2	
	Tools (except edge tools, machine tools, files, and saws)	1	
	Wire drawn from purchased rods	2	
15	Electroplating, plating, and polishing	1	
	Nonferrous-metal foundries (except aluminum)	1	
	Sheet-metal work not specifically classified	1	
16	Batteries, storage and primary (dry and wet)	1	
	Communication equipment	1	
	Electrical products not elsewhere classified	1	
	Electric lamps	1	
17	Machine-shop repairs	4	116
	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	1	
	Mining machinery and equipment	4	348
	Office and store machines not elsewhere classified	1	
	Printing-trades machinery and equipment	1	
	Pumping equipment and air compressors	2	
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, nad complete air-conditioning units	1	
	Textile machinery	9	189
20	Fabricated plastic products, not elsewhere classified	1	
	Furs, dressed and dyed	1	
	Lamp shades	1	
	Professional and scientific instruments (except surgical and dental)	1	
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	1	
	CITY OF PHILADELPHIA		
1	Baking powder, yeast, and other leavening compounds	1	
	Blended and prepared flour made from purchased flour	1	
	Cereal preparations	2	
	Cheese	2	
	Chewing gum	2	
	Chocolate and cocoa products	2	
	Cooking and other edible fats and oils, not elsewhere classified	1	
	Creamery butter	1	
	Cured fish	3	
	Custom slaughtering, wholesale	1	
	Flavoring extracts and flavoring sirups, not elsewhere classified	18	95
	Flour and other grain-mill products	1	
	Food preparations, not elsewhere classified	27	161
	Liquors, distilled	3	
	Liquors, rectified or blended	10	
	Macaroni, spaghetti, vermicelli, and noodles	3	
	Poultry dressing and packing, wholesale	2	
	Preserves, jams, jellies, and fruit butters	1	
	Quick-frozen foods	1	
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	25	625
	Special dairy products	1	
	Vinegar and cider	2	
2	Cigarettes	1	
	Cigars	31	7,410
	Tobacco (chewing and smoking) and snuff	4	
3	Artificial leather and oilcloth	1	
	Carpets and rugs, wool	12	2,698
	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	12	
	Carpet yarn, woolen and worsted	12	804
	Cordage and twine	4	
	Cotton thread	2	
	Dyeing and finishing woolen and worsted	17	
	Felt goods, wool, hair, and jute (except woven felts and hat bodies and hats)	2	
	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	7	
	Hat bodies and hats, fur-felt	1	
	Jute goods (except felt)	1	
	Linen goods	1	
	Linoleum, asphalted-felt-base, and other hard-surface floor coverings, not elsewhere classified	1	
	Processed waste and recovered wool fibers—contract factories	1	
	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	17	

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE ALLENTOWN-BETHLEHEM, PHILADELPHIA-CAMDEN, PITTSBURGH, READING, SCRANTON-WILKES-BARRE, AND YOUNGSTOWN INDUSTRIAL AREAS, AND FOR PHILADELPHIA, PITTSBURGH, READING, AND SCRANTON: 1939—Continued

Group No.[1]	INDUSTRY	Number of establishments	Wage earners
	CITY OF PHILADELPHIA—Continued		
3	Rayon broad woven goods—regular factories or jobbers engaging contractors	3	...
	Silk broad woven goods—regular factories or jobbers engaging contractors	1	...
	Silk yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	4	
	Woolen and worsted manufactures—contract factories	10	510
4	Children's and infants' wear not elsewhere classified—made in contract factories	1	...
	Children's coats—made in inside factories or by jobbers engaging contractors	3	73
	Clothing, leather and sheep-lined	3	...
	Coats, suits, and skirts (except fur coats)—made in contract factories	6	...
	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	27	624
	Corsets and allied garments	5	...
	Curtains, draperies, and bedspreads—contract factories	2	...
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	10	498
	Embroideries, other than schiffli-machine products—made in regular factories or by jobbers engaging contractors	3	...
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	28	...
	Housefurnishings (except curtains, draperies, and bedspreads)	25	...
	Men's and boys' hats and caps (except felt and straw)	16	...
	Men's and boys' underwear—made in inside factories or by jobbers engaging contractors	3	132
	Men's neckwear—made in contract factories	1	...
	Men's neckwear—made in inside factories or by jobbers engaging contractors	21	428
	Raincoats and other waterproof garments (except oiled cotton)	2	
	Suspenders, garters, and other goods made from purchased elastic material	2	
	Textile bags—not made in textile mills	7	...
	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	7	115
	Trousers (semidress), wash suits, and washable service apparel	19	624
	Women's and misses' clothing, not elsewhere classified—made in contract factories	6	...
	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	14	
	Women's, children's, and infants' underwear and nightwear of knitted fabrics	3	...
	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	9	...
	Women's neckwear, scarfs, etc.	3	43
6	Cigar boxes: wooden, part wooden	2	...
	Cooperage	7	104
	Laboratory, hospital, and other professional furniture	6	...
	Lasts and related products	2	
	Mirror frames and picture frames	10	...
	Public-building furniture	2	...
	Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets	1	...
	Venetian blinds	2	...
	Window and door screens and weather strip	3	95
	Window shades	3	
	Wood preserving	1	...
	Wood products not elsewhere classified	7	...
7	Coated and glazed paper	6	...
	Envelopes	11	
	Fiber cans, tubes, and similar products	7	132
	Wallpaper	1	...
	Electrotyping and stereotyping, not done in printing establishments	7	
	Engraving (steel, copperplate, and wood); plate printing	26	775
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	26	1,089
	Machine and hand typesetting (including advertisement typesetting)	23	338
	Periodicals: publishing and printing	23	2,911
	Photoengraving, not done in printing establishments (including preparation of plates)	22	
9	Bluing	1	...
	Bone black, carbon black, and lampblack	2	...
	Candles	2	
	Chemicals not elsewhere classified	20	1,684
	Cleaning and polishing preparations, blackings, and dressings	16	141
	Coal-tar products, crude and intermediate	1	
	Colors and pigments	3	
	Drugs and medicines (including drug grinding)	41	1,673
	CITY OF PHILADELPHIA—Continued		
9	Fertilizers	3	314
	Glue and gelatin	5	151
	Linseed oil, cake, and meal	2	...
	Lubricating oils and greases—not made in petroleum refineries	13	...
	Mucilage, paste, and other adhesives, except glue and rubber cement	6	...
	Plastic materials	1	...
	Soap and glycerin	12	422
10	Oven coke and coke-oven byproducts	1	...
	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	2	...
	Petroleum refining	2	...
	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	3	232
11	Rubber products not elsewhere classified	13	1,032
12	Boot and shoe cut stock and findings	5	...
	Leather: tanned, curried, and finished—contract factories	2	...
	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	18	3,732
	Saddlery, harness, and whips	2	...
	Small leather goods	5	...
	Suitcases, brief cases, bags, trunks, and other luggage	26	...
13	Abrasive wheels, stones, paper, cloth, and related products	5	332
	Asbestos products (except steam packing and pipe and boiler covering)	2	...
	Brick and hollow structural tile	2	...
	Clay refractories, including refractory cement (clay)	3	...
	Gypsum products	1	...
	Minerals and earths, ground or otherwise treated	3	43
	Nonclay refractories	1	...
	Pottery products not elsewhere classified	1	...
	Tableware, pressed or blown glass, and glassware not elsewhere classified	1	...
	Terra cotta	1	...
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	5	...
14	Automobile stampings	1	...
	Doors, window sash, frames, molding, and trim (made of metal)	2	
	Enameling, japanning, and lacquering	2	
	Firearms	1	...
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	3	246
	Heating and cooking apparatus, except electric, not elsewhere classified	6	376
	Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills	1	...
	Oil burners, domestic and industrial	4	...
	Safes and vaults	1	...
	Saws	2	
	Screw-machine products and wood screws	8	99
	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	3	176
	Stamped and pressed metal products (except automobile stampings)	10	246
	Steam and hot-water heating apparatus (including hot-water furnaces)	3	14
	Steam fittings, regardless of material	7	...
	Steel barrels, kegs, and drums	1	...
	Steel castings	1	...
	Steel works and rolling mills	3	2,912
	Tin cans and other tinware not elsewhere classified	8	1,237
	Tools (except edge tools, machine tools, files, and saws)	8	...
	Vitreous-enameled products, including kitchen, household, and hospital utensils	1	...
	Wire drawn from purchased rods	1	...
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	15	...
	Aluminum products (including rolling and drawing and extruding), not elsewhere specified	2	...
	Clocks, watches, and materials and parts (except watchcases)	1	...
	Engraving on metal (except for printing purposes)	2	...
	Gold and silver leaf and foil	3	141
	Nonferrous-metal foundries (except aluminum)	20	277
	Nonferrous-metal products not elsewhere classified	11	180
	Secondary smelting and refining, gold, silver, and platinum	2	...
	Silverware and plated ware	6	...
16	Batteries, storage and primary (dry and wet)	4	...
	Carbon products for the electrical industry, and manufactures of carbon or artificial graphite	2	...
	Communication equipment	8	...
	Electrical appliances	3	...

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE ALLENTOWN-BETHLEHEM, PHILADELPHIA-CAMDEN, PITTSBURGH, READING, SCRANTON-WILKES-BARRE, AND YOUNGSTOWN INDUSTRIAL AREAS, AND FOR PHILADELPHIA, PITTSBURGH, READING, AND SCRANTON: 1939—Continued

Group No.[1]	INDUSTRY	Number of establishments	Wage earners
	CITY OF PHILADELPHIA—Continued		
16	Electrical measuring instruments	2	-
	Electrical products not elsewhere classified	3	-
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	13	2,051
	Insulated wire and cable	3	-
	Radios, radio tubes, and phonographs	1	-
	Wiring devices and supplies	2	-
	X-ray and therapeutic apparatus and electronic tubes	3	-
17	Agricultural machinery (except tractors)	2	-
	Cars and trucks, industrial	2	-
	Commercial laundry, dry-cleaning, and pressing machinery	1	-
	Construction and similar machinery (except mining and oil-field machinery and tools)	5	-
	Elevators, escalators, and conveyors	11	835
	Industrial machinery, not elsewhere classified	21	-
	Internal-combustion engines	2	-
	Machine tools	6	-
	Measuring and dispensing pumps	1	-
	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	3	-
	Mining machinery and equipment	1	-
	Office and store machines not elsewhere classified	2	-
	Paper-mill, pulp-mill, and paper-products machinery	8	-
	Printing-trades machinery and equipment	7	-
	Pumping equipment and air compressors	4	20
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	14	-
	Scales and balances	4	-
	Special-industry machinery, not elsewhere classified	5	-
	Textile machinery	27	1,779
	Vending, amusement, and other coin-operated machines	1	-
	Woodworking machinery	1	-
18	Motor vehicles, motor-vehicle bodies, parts and accessories	24	5,904
19	Aircraft and parts, including aircraft engines	1	-
	Boat building and boat repairing	1	-
	Cars and car equipment—railroad, street, and rapid-transit	3	-
	Motorcycles, bicycles, and parts	1	-
	Transportation equipment not elsewhere classified	1	-
20	Artists' materials	2	-
	Beauty-shop and barber-shop equipment	2	-
	Brooms	6	35
	Brushes	12	-
	Buttons	8	-
	Carbon paper and inked ribbons	2	-
	Children's vehicles	1	-
	Costume jewelry and costume novelties (jewelry other than fine jewelry)	1	-
	Dolls (except rubber)	1	-
	Fabricated plastic products, not elsewhere classified	3	58
	Fire extinguishers, chemical	1	-
	Furs, dressed and dyed	3	40
	Models and patterns (except paper patterns)	13	92
	Musical instruments, parts, and materials not elsewhere classified	1	-
	Needles, pins, hooks and eyes, and slide and snap fasteners	3	-
	Ophthalmic goods: lenses and fittings	2	-
	Optical instruments and lenses	1	-
	Organs	1	-
	Pencils (except mechanical) and crayons	2	-
	Pens, mechanical pencils, and pen points	1	-
	Photographic apparatus and materials and projection equipment (except lenses)	7	-
	Piano and organ parts and materials	1	-
	Professional and scientific instruments (except surgical and dental)	17	-
	Soda fountains, beer dispensing equipment, and related products	2	-
	Sporting and athletic goods not elsewhere classified	6	184
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	16	-
	Wool pulling	5	-
	CITY OF PITTSBURGH		
1	Baking powder, yeast, and other leavening compounds	1	-
	Biscuit, crackers, and pretzels	5	-
	Canned and dried fruits and vegetables (including canned soups)	1	-
	Cheese	1	-
	Chewing gum	1	-
	Condensed and evaporated milk	1	-
	Creamery butter	4	49
	Cured fish	2	-
	CITY OF PITTSBURGH—Continued		
1	Flavoring extracts and flavoring sirups, not elsewhere classified	2	-
	Liquors, rectified or blended	2	-
	Macaroni, spaghetti, vermicelli, and noodles	3	-
	Malt liquors	3	711
	Pickled fruits and vegetables and vegetable sauces and seasonings	4	-
	Poultry dressing and packing, wholesale	1	-
	Prepared feeds (including mineral) for animals and fowls	2	-
	Preserves, jams, jellies, and fruit butters	2	-
	Sausage casings—not made in meat-packing establishments	1	-
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	7	-
	Special dairy products	1	-
2	Cigars	5	-
	Tobacco (chewing and smoking) and snuff	1	-
3	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	1	-
4	Canvas products (except bags)	2	-
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	2	-
	Embroideries, other than Schiffli-machine products—contract factories	2	-
	Fur coats and other fur garments, accessories, and trimmings	1	-
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	1	-
	Housefurnishings (except curtains, draperies, and bedspreads)	4	-
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	2	-
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	2	-
	Miscellaneous fabricated textile products not elsewhere classified	1	-
	Suspenders, garters, and other goods made from purchased elastic material	1	-
	Textile bags—not made in textile mills	1	-
	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories	1	-
	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	2	-
	Trousers (semidress), wash suits, and washable service apparel	3	241
	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	2	-
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	2	-
	Work gloves and mittens: cloth, cloth and leather combined	1	-
6	Baskets for fruits and vegetables	1	-
	Caskets, coffins, burial cases, and other morticians' goods	5	287
	Cigar boxes: wooden, part wooden	1	-
	Cooperage	2	-
	Cork products	2	-
	Household furniture, except upholstered	2	-
	Partitions, shelving, cabinet work, and office and store fixtures	7	-
	Upholstered household furniture	4	-
	Venetian blinds	2	-
	Window and door screens and weather strip	1	-
	Window shades	2	-
	Wooden boxes except cigar boxes	2	-
	Wood products not elsewhere classified	2	-
7	Coated and glazed paper	1	-
	Converted paper products not elsewhere classified	1	-
	Envelopes	2	-
8	Books: publishing and printing	2	-
	Books: publishing without printing	2	-
	Engraving (steel, copperplate, and wood); plate printing	6	185
	Periodicals: publishing and printing	10	124
9	Ammunition	2	-
	Chemicals not elsewhere classified	2	-
	Cleaning and polishing preparations, blackings, and dressings	4	-
	Drugs and medicines (including drug grinding)	10	73
	Grease and tallow (except lubricating greases)	2	-
	Insecticides, fungicides, and related industrial and household chemical compounds	4	49

See footnote at end of table.

TABLE 12. INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE ALLENTOWN-BETHLEHEM, PHILADELPHIA-CAMDEN, PITTSBURGH, READING, SCRANTON-WILKES-BARRE, AND YOUNGSTOWN INDUSTRIAL AREAS, AND FOR PHILADELPHIA, PITTSBURGH, READING, AND SCRANTON: 1939—Continued

Group No.[1]	INDUSTRY	Number of establishments	Wage earners
	CITY OF PITTSBURGH—Continued		
9	Lubricating oils and greases—not made in petroleum refineries	4	206
	Mucilage, paste, and other adhesives, except glue and rubber cement	1	
	Perfumes, cosmetics, and other toilet preparations	3	
	Printing ink	1	
10	Oven coke and coke-oven byproducts	1	
	Paving blocks and paving mixtures—asphalt, creosoted wood, and composition	1	
	Petroleum refining	1	
	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	1	
11	Rubber products not elsewhere classified	1	
12	Industrial leather belting and packing leather	1	
	Leather goods not elsewhere classified	1	
	Leather—tanned, curried, and finished—regular factories or jobbers engaging contractors	1	
	Saddlery, harness, and whips	1	
	Suitcases, brief cases, bags, trunks, and other luggage	3	127
13	Abrasive wheels, stones, paper, cloth, and related products	2	
	Brick and hollow structural tile	2	
	Cement	1	
	Clay refractories, including refractory cement (clay)	1	
	Glass containers	1	
	Mirrors and other glass products made of purchased glass	9	139
	Porcelain electrical supplies	1	
	Pottery products not elsewhere classified	1	
	Steam and other packing; pipe and boiler covering	1	
	Tableware, pressed or blown glass, and glassware not elsewhere classified	1	
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	2	
14	Automobile stampings	1	
	Blast-furnace products	1	
	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	3	1,280
	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	1	
	Doors, window sash, frames, molding, and trim (made of metal	1	
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semi-vitreous china sanitary ware)	2	
	Enameling, japanning, and lacquering	1	
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	2	
	Hardware not elsewhere classified	3	439
	Heating and cooking apparatus, except electric, not elsewhere classified	2	
	Steam and hot-water heating apparatus (including hot-water furnaces)	1	
	Steam fittings, regardless of material	1	
	Steel castings	4	996
	Tin cans and other tinware not elsewhere classified	1	
	Tools (except edge tools, machine tools, files, and saws)	5	
	Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills	1	
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	4	
	Clocks, watches, and materials and parts (except watchcases)	1	
	Electroplating, plating, and polishing	5	
	Jewelry (precious metals)	7	
	Lighting fixtures	3	112
	Nonferrous-metal products not elsewhere classified	3	
	Secondary smelting and refining, gold, silver, and platinum	1	
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	5	
	Silverware and plated ware	1	
16	Automotive electrical equipment	1	
	Batteries, storage and primary (dry and wet)	1	
	Carbon products for the electrical industry, and manufactures of carbon or artificial graphite	2	
	Communication equipment	1	
	Electrical appliances	1	
	Electrical measuring instruments	1	
	Electrical products not elsewhere classified	1	
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	9	
	Wiring devices and supplies	2	
17	Construction and similar machinery (except mining and oil-field machinery and tools)	1	
	Elevators, escalators, and conveyors	2	
	CITY OF PITTSBURGH—Continued		
17	Food-products machinery	1	
	Industrial machinery, not elsewhere classified	1	
	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	5	45
	Machine tools	1	
	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	3	674
	Mechanical power-transmission equipment	6	
	Metalworking machinery and equipment, not elsewhere classified	1	
	Printing-trades machinery and equipment	3	256
	Pumping equipment and air compressors	1	
	Special-industry machinery, not elsewhere classified	1	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	5	132
19	Locomotives (including frames) and parts: railroad, mining, and industrial	1	
20	Beauty-shop and barber-shop equipment	1	
	Brooms	3	
	Brushes	4	48
	Dental equipment and supplies	2	
	Fabricated plastic products, not elsewhere classified	1	
	Feathers, plumes, and artificial flowers	2	
	Games and toys (except dolls and children's vehicles)	1	
	Lamp shades	1	
	Miscellaneous fabricated products not elsewhere classified	3	
	Models and patterns (except paper patterns)	7	
	Optical instruments and lenses	1	
	Photographic apparatus and materials and projection equipment (except lenses)	1	
	Signs, advertising displays, and advertising novelties	11	154
	Sporting and athletic goods not elsewhere classified	1	
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	8	
	Umbrellas, parasols, and canes	1	
	Wool pulling	1	
	CITY OF READING		
1	Candy and other confectionery products	7	
	Chocolate and cocoa products	1	
	Creamery butter	2	
	Flour and other grain-mill products	1	
	Food preparations, not elsewhere classified	3	12
	Malt liquors	2	
	Meat packing, wholesale	2	
	Nonalcoholic beverages	5	14
	Prepared feeds (including mineral) for animals and fowls	1	
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	1	
2	Cigars	3	
3	Cordage and twine	1	
	Cotton broad woven goods	2	
	Cotton narrow fabrics	1	
	Dyeing and finishing cotton, rayon, silk, and linen textiles	2	
	Hat bodies and hats, fur-felt	1	
	Hat bodies and hats, wool-felt	1	
	Knitted gloves	1	
	Knitted underwear	1	
	Silk throwing and spinning—contract factories	2	
	Silk yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	1	
	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	1	
4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	1	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	2	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	2	
	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	1	
	Women's, children's, and infants' underwear and nightwear of knitted fabrics	1	
5	Planing mills not operated in conjunction with sawmills	2	
6	Cooperage	1	
	Mattresses and bedsprings	2	
	Upholstered household furniture	1	
	Wooden boxes except cigar boxes	1	
	Wood products not elsewhere classified	1	

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE ALLENTOWN-BETHLEHEM, PHILADELPHIA-CAMDEN, PITTSBURGH, READING, SCRANTON-WILKES-BARRE, AND YOUNGSTOWN INDUSTRIAL AREAS, AND FOR PHILADELPHIA, PITTSBURGH, READING, AND SCRANTON: 1939—Continued

Group No.[1]	INDUSTRY	Number of establishments	Wage earners
	CITY OF READING—Continued		
7	Coated and glazed paper	1	
	Paper and paperboard mills	1	
8	Bookbinding and related industries	2	
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	1	
	Newspapers: publishing and printing	2	
	Periodicals: publishing and printing	2	
	Periodicals: publishing without printing	2	
	Photoengraving, not done in printing establishments (including preparation of plates)	2	
9	Chemicals not elsewhere classified	1	
	Drugs and medicines (including drug grinding)	2	
	Paints, varnishes, and lacquers	2	
	Soap and glycerin	1	
	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	1	
12	Footwear (except rubber)	3	624
13	Concrete products	1	
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	3	
14	Cast-iron pipe and fittings	1	
	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	1	
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	1	
	Enameling, japanning, and lacquering	1	
	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	3	
	Gray-iron and semisteel castings	2	
	Stamped and pressed metal products (except automobile stampings)	1	
	Steam and hot-water heating apparatus (including hot-water furnaces)	1	
	Steel castings	1	
	Steel works and rolling mills	1	
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	1	
	Tools (except edge tools, machine tools, files, and saws)	1	
	Vitreous-enameled products, including kitchen, household, and hospital utensils	1	
15	Electroplating, plating, and polishing	1	
	Jewelry (precious metals)	1	
	Lighting fixtures	2	
	Nonferrous-metal foundries (except aluminum)	6	
	Sheet-metal work not specifically classified	1	
17	Commercial laundry, dry-cleaning, and pressing machinery	1	
	Construction and similar machinery (except mining and oil-field machinery and tools)	2	
	Elevators, escalators, and conveyors	2	
	Industrial machinery, not elsewhere classified	2	
	Machine-shop repairs	1	
	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	1	
	Mechanical power-transmission equipment	1	
	Sewing machines, domestic and industrial	1	
	Special-industry machinery, not elsewhere classified	1	
	Textile machinery	2	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	1	
20	Brushes	1	
	Feathers, plumes, and artificial flowers	1	
	Models and patterns (except paper patterns)	2	
	Ophthalmic goods: lenses and fittings	2	
	Signs, advertising displays, and advertising novelties	5	
	Sporting and athletic goods not elsewhere classified	1	
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	1	
	CITY OF SCRANTON		
1	Biscuit, crackers, and pretzels	2	
	Candy and other confectionery products	1	
	Cheese	1	
	Condensed and evaporated milk	1	
	Food preparations, not elsewhere classified	1	
	Ice cream and ices	3	19
	Ice, manufactured	1	
	Liquors, rectified or blended	1	
	Malt liquors	2	
	Meat packing, wholesale	1	
2	Cigars	3	
	Tobacco (chewing and smoking) and snuff	1	
3	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	1	
	Lace goods	1	
	CITY OF SCRANTON—Continued		
3	Rayon broad woven goods—contract factories	1	
	Rayon broad woven goods—regular factories or jobbers engaging contractors	2	
	Rayon throwing and spinning—contract factories	1	
	Rayon yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	1	
	Silk broad woven goods—contract factories	1	
	Silk broad woven goods—regular factories or jobbers engaging contractors	3	
	Silk yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	2	
4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	1	
	Embroideries, other than Schiffli-machine products—made in regular factories or by jobbers engaging contractors	1	
	Embroideries: Schiffli-machine products	1	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	1	
	Men's and boys' hats and caps (except felt and straw)	3	46
	Millinery	1	
	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	1	
	Women's and misses' dresses (except house dresses)—made in contract factories	1	
	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	1	
	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	1	
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	2	
6	Caskets, coffins, burial cases, and other morticians' goods	1	
	Mattresses and bedsprings	3	
	Partitions, shelving, cabinet work, and office and store fixtures	1	
	Upholstered household furniture	1	
	Window shades	1	
7	Paperboard containers and boxes not elsewhere classified	1	
8	Bookbinding and related industries	2	
	Books: printing without publishing	1	
	Books: publishing and printing	1	
	Electrotyping and stereotyping, not done in printing establishments	1	
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	2	
	Newspapers: publishing and printing	6	215
	Photoengraving, not done in printing establishments (including preparation of plates)	2	
9	Cleaning and polishing preparations, blackings, and dressings	2	
	Colors and pigments	1	
	Drugs and medicines (including drug grinding)	2	
	Insecticides, fungicides, and related industrial and household chemical compounds	1	
10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	1	
12	Women's pocketbooks, handbags, and purses	2	
13	Minerals and earths, ground or otherwise treated	1	
	Mirrors and other glass products made of purchased glass	1	
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	1	
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	5	
	Gray-iron and semisteel castings	2	
	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	1	
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	1	
15	Nonferrous-metal foundries (except aluminum)	1	
16	Batteries, storage and primary (dry and wet)	1	
	Electric lamps	1	
17	Industrial machinery, not elsewhere classified	2	
	Machine-shop products, not elsewhere classified	3	84
	Machine-shop repairs	2	
	Printing-trades machinery and equipment	1	
	Pumping equipment and air compressors	1	
	Textile machinery	3	78
20	Fabricated plastic products, not elsewhere classified	1	
	Lamp shades	1	
	Signs, advertising displays, and advertising novelties	1	

[1] For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and of industry groups, sec. 27.

TABLE 13.—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, BY INDUSTRIES, FOR THE CITY OF ERIE: 1939

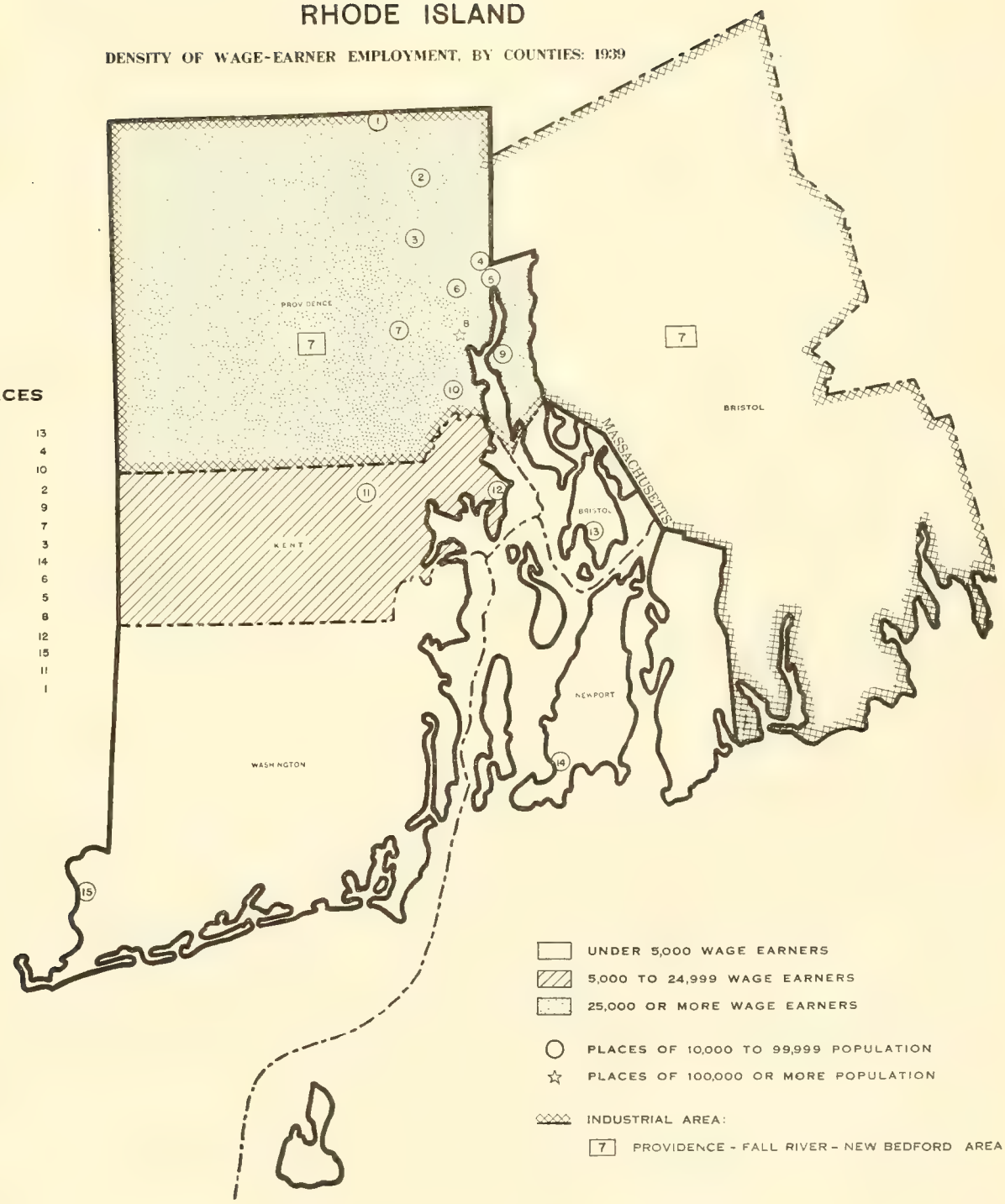
[In order to avoid disclosing data for individual establishments, wage-earner figures for industries represented by fewer than three establishments are withheld]

Group No.[1]	INDUSTRY	Number of establishments	Wage earners
	CITY OF ERIE		
1	Bread and other baker products (except biscuit, crackers, and pretzels)	35	366
	Ice cream and ices	7	36
	Ice, manufactured	2	
	Macaroni, spaghetti, vermicelli, and noodles	1	
	Malt liquors	2	
	Meat packing, wholesale	2	
	Nonalcoholic beverages	7	28
	Poultry dressing and packing, wholesale	2	
	Prepared feeds (including mineral) for animals and fowls	1	
	Sausages, prepared meats, and other meat products not made in meat-packing establishments	3	21
2	Tobacco (chewing and smoking) and snuff	1	
4	Corsets and allied garments	1	
	Fur coats and other fur garments, accessories, and trimmings	1	
	Men's neckwear, made in inside factories or by jobbers employing contractors	1	
	Trousers (semidress), wash suits, and washable service apparel	1	
5	Planing mills not operated in conjunction with sawmills	5	32
6	Caskets, coffins, burial cases, and other morticians' goods	3	174
	Mattresses and bedsprings	1	
	Window and door screens and weather strip	1	
	Wooden boxes (except cigar boxes)	1	
	Wood products not elsewhere classified	2	
7	Converted paper products not elsewhere classified	2	
	Fiber cans, tubes, and similar products	1	
	Paper and paperboard mills	2	
	Paperboard containers and boxes not elsewhere classified	1	
	Pulp mills	1	
8	Bookbinding and related industries	1	
	Books: printing without publishing	1	
	Books: publishing and printing	1	
	Books: publishing without printing	1	
	Electrotyping and stereotyping, not done in printing establishments	1	
	General commercial (job) printing	11	92
	Lithographing and photolithographing (including preparation of stones or plates and dry transfers)	1	
	Newspapers: publishing and printing	2	
	Photoengraving, not done in printing establishments (including preparation of plates)	2	
9	Chemicals not elsewhere classified	1	
	Drugs and medicines (including drug grinding)	2	
	Fertilizers	1	
	Insecticides, fungicides, and related industrial and household chemical compounds	1	
	Lubricating oils and greases, not made in petroleum refineries	2	
	Paints, varnishes, and lacquers	1	
10	Oven coke and coke-oven byproducts	1	
	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	2	
	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	1	
11	Rubber products not elsewhere classified	1	
13	Asbestos products (except steam packing and pipe and boiler covering)	1	
	Brick and hollow structural tile	1	
	Concrete products	4	20
	Minerals and earths, ground or otherwise treated	1	
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	3	5
14	Blast-furnace products	1	
	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	1	
	Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills	1	
	CITY OF ERIE (Continued)		
14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	3	459
	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	3	52
	Forgings, iron and steel, made in plants not operated in connection with rolling mills	2	
	Galvanizing and other coating, carried on in plants not operated in connection with rolling mills	1	
	Gray iron and semisteel castings	2	
	Heating and cooking apparatus, except electric, not elsewhere classified	1	
	Malleable-iron castings	1	
	Power boilers and associated products	5	312
	Stamped and pressed metal products (except automobile stampings)	3	65
	Steam and hot-water heating apparatus (including hot-water furnaces)	1	
	Steam fittings, regardless of material	1	
	Steel castings	1	
	Steel works and rolling mills	2	
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	1	
	Tools (except edge tools, machine tools, files, and saws)	2	
	Vitreous-enameled products, including kitchen, household, and hospital utensils	1	
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	1	
	Aluminum ware, kitchen, hospital, and household (except electrical appliances)	1	
	Electroplating, plating, and polishing	2	
	Nonferrous-metal foundries (except aluminum)	3	91
	Nonferrous-metal products not elsewhere classified	2	
	Sheet-metal work not specifically classified	1	
16	Batteries, storage and primary (dry and wet)	1	
	Communication equipment	2	
	Electrical appliances	1	
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	3	112
	Wiring devices and supplies	2	
17	Agricultural machinery (except tractors)	1	
	Construction and similar machinery (except mining and oil-field machinery and tools)	1	
	Industrial machinery, not elsewhere classified	2	
	Laundry equipment, domestic	1	
	Machine-shop products, not elsewhere classified	9	151
	Machine-shop repairs	1	
	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	5	172
	Measuring and dispensing pumps	1	
	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	1	
	Mechanical power-transmission equipment	1	
	Metalworking machinery and equipment, not elsewhere classified	3	133
	Paper-mill, pulp-mill, and paper-products machinery	1	
	Pumping equipment and air compressors	1	
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	2	
	Special-industry machinery, not elsewhere classified	1	
	Steam engines, turbines, and water wheels	1	
	Stokers, mechanical, domestic and industrial	1	
19	Locomotives (including frames) and parts: railroad, mining, and industrial	1	
	Shipbuilding and ship repairing	2	
20	Brooms	1	
	Dental equipment and supplies	1	
	Fabricated plastic products, not elsewhere classified	1	
	Games and toys (except dolls and children's vehicles)	1	
	Hand stamps, stencils, and brands	1	
	Models and patterns (except paper patterns)	4	10
	Needles, pins, hooks and eyes, and slide and snap fasteners	1	
	Organs	3	36
	Piano and organ parts and materials	2	
	Signs, advertising displays, and advertising novelties	1	
	Sporting and athletic goods not elsewhere classified	1	

[1] For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and of industry groups, sec. 27.

RHODE ISLAND

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939



KEY TO PLACES

BRISTOL	13
CENTRAL FALLS	4
CRANSTON	10
CUMBERLAND	2
EAST PROVIDENCE	9
JOHNSTON	7
LINCOLN	3
NEWPORT	14
NORTH PROVIDENCE	6
PAWTUCKET	5
PROVIDENCE	8
WARWICK	12
WESTERLY	15
WEST WARWICK	11
WOONSOCKET	1

Prepared by the Bureau of the Census, Department of Commerce

RHODE ISLAND

Table 1.—SUMMARY FOR THE STATE: 1939, 1937, AND 1929

Census year	Number of establishments	Proprietors and firm members	Number of persons employed in manufacturing [1]	Salaries and wages [1]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2]	Value of products [2]	Value added by manufacture [3]
1939	1,460	807	118,277	$133,337,126	$278,101,981	$516,390,541	$238,288,560
1937	1,409	726	120,415	141,805,210	276,738,611	517,196,193	240,457,582
1929	1,691	958	138,426	179,982,151	338,280,256	656,135,439	317,855,183

[1] Figures include data for employees in manufacturing establishments (except salaried officers of corporations) who were engaged in distribution, construction, and other nonmanufacturing work. For detail, see tables 8. It is not known to what extent data for such nonmanufacturing employees were included in figures reported for earlier years. See GENERAL EXPLANATIONS—Persons engaged—general classification.

[2] The aggregates for cost of materials, etc., and value of products include large amounts of duplication due to the use of products of some industries as materials by others. See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

Table 2.—SUMMARY FOR THE PROVIDENCE-FALL RIVER-NEW BEDFORD INDUSTRIAL AREA, COUNTIES, AND PLACES: 1939

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
The State	713,346	1,460	106,275	$105,406,950	$278,101,981	$516,390,541	$238,288,560
Providence-Fall River-New Bedford Industrial Area, total [6]	914,935	2,036	153,013	146,084,673	348,806,053	663,917,458	315,111,405
Portion in Rhode Island	550,298	1,256	88,883	89,589,673	232,777,079	437,966,480	205,189,401
Portion in Massachusetts	364,637	780	64,130	56,495,000	116,028,974	225,950,978	109,922,004
COUNTIES IN RHODE ISLAND [5]							
Bristol	25,548	41	4,671	4,184,587	15,830,710	24,067,312	8,236,602
Kent	58,311	86	6,943	6,370,270	19,199,966	34,675,937	15,475,971
Newport	46,696	27	1,132	878,401	1,127,463	2,629,335	1,501,872
Providence	550,298	1,256	88,883	89,589,673	232,777,079	437,966,480	205,189,401
Washington	32,493	50	4,646	4,384,019	9,166,763	17,051,477	7,884,714
PLACES HAVING 10,000 OR MORE INHABITANTS							
Bristol	11,159	20	1,989	2,019,897	10,785,393	14,512,464	3,727,071
Central Falls	25,248	52	2,868	2,640,372	5,128,265	11,818,286	6,690,021
Cranston	47,085	34	3,090	3,613,768	7,800,790	18,011,894	10,211,104
Cumberland [7]	10,625	2					
East Providence	32,165	30	675	705,441	3,371,067	5,243,022	1,871,955
Johnston [7]	10,672	2					
Lincoln [7]	10,577	1					
Newport [7]	30,532	24	149				
North Providence [7]	12,156	6	336				
Pawtucket	75,797	205	15,063	13,995,812	37,516,877	72,768,448	35,251,571
Providence	253,504	735	41,046	42,624,227	93,687,670	193,397,814	99,710,144
Warwick	28,757	18	1,356	1,551,084	3,791,007	7,610,011	3,819,004
Westerly	11,199	16	1,119	932,621	2,428,889	4,386,942	1,958,053
West Warwick	18,188	31	3,296	2,812,442	10,175,200	17,718,752	7,543,552
Woonsocket	49,303	105	9,652	9,586,315	28,908,795	48,090,882	19,182,087

[1] Not including salaried officers and employees nor nonmanufacturing wage earners. The figure for each county or place is an average of the numbers reported for the several months of the year. In calculating it, equal weight must be given to full-time and to part-time wage earners (not reported separately by the manufacturers), and for this reason it exceeds the number that would have been required to perform the work done in the industries if all wage earners had been continuously employed throughout the year. The quotient obtained by dividing the amount of wages by the average number of wage earners cannot, therefore, be accepted as representing the average wage received by full-time wage earners. Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several counties do not add exactly to the average for the State. In making comparisons between the figures for 1939 and those for earlier years, the possibility that the proportion of part-time employment varied from year to year should be taken into account.

[2] Profits and losses cannot be calculated from the census figures because no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, and advertising.

[3] See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

[5] For numbers of establishments by "Industry groups," see table 11.

[6] The Providence-Fall River-New Bedford Industrial Area comprises Providence County, R. I., and Bristol County, Mass. For statistics by industries for the area, see table 9.

[7] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments.

Table 3.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, BY SEX: 1939 AND 1929

The 1939 questionnaire, for the first time, called for data on the *total* number of employees in manufacturing establishments, including those engaged wholly or chiefly in distribution, construction, and other nonmanufacturing activities. It is not known to what extent data for such employees were included in the figures reported for earlier years. This table presents detailed figures for employees receiving pay at any time within the *normal* pay-roll period ended nearest Oct. 14, 1939, and for such employees on the pay roll on Dec. 14, 1929, or on the nearest *representative* date. The total for "Wage earners engaged in manufacturing" is not identical with the average for the year (given in other tables), and differs from the number reported for October 1939 or for December 1929, because for both years some manufacturers gave wage-earner figures for months other than those specified. See GENERAL EXPLANATIONS—Persons engaged—general classification.

CLASS AND SEX	1939 (Oct. 14) [1]	1929 (Dec. 14) [1]
All classes, aggregate [2]	130,892	138,431
Male	79,304	88,594
Female	51,588	49,837
Salaried officers and employees, total	16,611	13,573
Male	11,555	9,444
Female	5,056	4,129
Salaried officers of corporations, total	1,396	1,621
Male	1,263	1,535
Female	133	86
All other employees (except wage earners in manufacturing), total	15,215	11,952
Male	10,292	7,909
Female	4,923	4,043
Salaried officers and employees—Continued.		
All other employees, etc.—Continued.		
Engaged in manufacturing:		
Male	6,785	(3)
Female	3,821	
Engaged in distribution:		
Male	2,326	
Female	1,068	
Engaged in construction:		
Male	658	
Engaged in other work:		
Male	523	
Female	34	
Wage earners engaged in manufacturing, total	114,281	124,858
Male	67,749	79,150
Female	46,532	45,708

[1] See headnote. [2] Figures do not include data for 807 proprietors and firm members for 1939 and 958 for 1929, which were not reported by sex for 1939. [3] No data.

TABLE 4.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS: 1939, 1937, AND 1929

[The figures for 1939 relate to wage earners engaged in manufacturing only. It is not known to what extent the figures for earlier years include data for nonmanufacturing wage earners. See headnote to table 3]

CENSUS YEAR	Average number employed during year [1]	NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH—											
		January	February	March	April	May	June	July	August	September	October	November	December
1939	106, 275	104, 538	105, 572	104, 618	100, 827	101, 102	101, 657	102, 063	103, 427	106, 334	114, 257	116, 907	113, 998
1937	108, 031	113, 596	114, 844	114, 128	113, 141	112, 006	109, 584	108, 425	108, 335	105, 883	103, 768	98, 608	94, 049
1929	124, 853	124, 177	126, 249	127, 036	127, 435	126, 007	124, 031	122, 702	123, 957	124, 978	128, 122	124, 619	118, 918

[1] See GENERAL EXPLANATIONS—Wage earners and wages.

TABLE 5.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY NUMBER OF WAGE EARNERS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS	VALUE ADDED BY MANUFACTURE [2]
	1939	1929	1939	1929	1939	1939
All establishments	1, 460	1, 691	106, 275	124, 853	$516, 390, 541	$238, 288, 560
No wage earners	28	29			359, 016	176, 372
1 to 5	518	563	1, 420	1, 720	12, 515, 899	5, 718, 314
6 to 20	356	435	4, 099	4, 778	27, 223, 198	11, 982, 242
21 to 50	189	252	6, 056	8, 085	33, 091, 888	16, 592, 599
51 to 100	120	150	8, 611	10, 676	45, 639, 416	19, 535, 987
101 to 250	135	135	21, 214	21, 519	113, 811, 052	50, 354, 371
251 to 500	73	77	24, 856	26, 717	139, 978, 879	56, 261, 289
501 to 1,000	30	30	20, 865	19, 533	69, 792, 819	35, 915, 577
1,001 to 2,500	8	18	10, 679	[3] 31, 825	39, 269, 087	19, 127, 528
2,501 or more	3	2	8, 475		34, 709, 287	22, 624, 281

[1] See headnotes to tables 3 and 4. [2] See GENERAL EXPLANATIONS—Value added by manufacture. [3] Combined to avoid disclosing data for individual establishments.

TABLE 6.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY VALUE OF PRODUCTS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
All establishments	1, 460	1, 691	106, 275	124, 853	$516, 390, 541	$656, 135, 439	$238, 288, 560	$317, 855, 183
$5,000 to $19,999	403	416	1, 160	1, 230	4, 602, 167	4, 700, 842	2, 774, 685	2, 979, 876
$20,000 to $49,999	299	373	2, 356	2, 811	9, 358, 789	12, 413, 321	5, 385, 129	7, 480, 762
$50,000 to $99,999	198	208	3, 321	3, 342	14, 059, 887	14, 828, 407	7, 762, 776	9, 070, 822
$100,000 to $249,999	198	266	7, 912	9, 396	31, 428, 452	41, 981, 853	16, 517, 824	23, 584, 803
$250,000 to $499,999	136	162	11, 555	11, 249	47, 189, 735	57, 152, 561	23, 974, 102	29, 695, 884
$500,000 to $999,999	80	105	12, 468	15, 107	56, 044, 003	75, 884, 803	26, 444, 478	35, 268, 003
$1,000,000 to $2,499,999	100	100	33, 903	30, 347	152, 719, 595	154, 482, 495	68, 840, 529	73, 039, 463
$2,500,000 to $4,999,999	37	41	19, 053	23, 149	127, 149, 160	137, 871, 563	50, 895, 083	60, 237, 947
$5,000,000 and over	9	20	14, 547	28, 222	73, 838, 753	156, 819, 594	35, 693, 954	76, 497, 623

[1] See headnotes to tables 3 and 4. [2] See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 7.—ESTABLISHMENTS CLASSIFIED AS UNDER CORPORATE OR OTHER FORM OF OWNERSHIP (OR CONTROL) AND AS UNDER CENTRAL-ADMINISTRATIVE-OFFICE OR INDEPENDENT OPERATION: 1939 AND 1929

TYPE OF OWNERSHIP OR CONTROL, AND OF OPERATION	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
Total	1, 460	1, 691	106, 275	124, 853	$516, 390, 541	$656, 135, 439	$238, 288, 560	$317, 855, 183
TYPE OF OPERATION								
1939 [3]								
Corporate ownership or control:								
Central-administrative-office (plural-unit)	191	(3)	47, 889	(3)	249, 401, 138	(3)	95, 387, 032	(3)
Independent (single-unit)	678	(3)	49, 825	(3)	233, 271, 829	(3)	126, 593. 647	(3)
Noncorporate ownership:								
Central-administrative-office (plural-unit)	16	(3)	1, 013	(3)	4, 335, 311	(3)	1, 581, 433	(3)
Independent (single-unit)	575	(3)	7, 548	(3)	29, 382, 263	(3)	14, 726, 448	(3)
1939 AND 1929 [3]								
Central-administrative-office (plural-unit), corporate and noncorporate	207	194	48, 902	51, 466	253, 736, 449	283, 097, 796	96, 968, 465	129, 032, 620
Independent (single-unit), corporate and noncorporate	1, 253	1, 497	57, 373	73, 387	262, 654, 092	373, 037, 643	141, 320, 095	188, 822, 563
TYPE OF OWNERSHIP OR CONTROL								
Corporate	869	933	97, 714	114, 975	482, 672, 967	609, 661, 470	221, 980, 679	294, 214, 709
Noncorporate, total	591	758	8, 561	9, 878	33, 717, 574	46, 473, 969	16, 307, 881	23, 640, 474
Individual	421	(4)	3, 968	(4)	17, 908, 945	(4)	8, 255, 573	(4)
Partnership	166	(4)	4, 223	(4)	14, 249, 864	(4)	7, 452, 469	(4)
Cooperative	1	[5]	370		1, 558, 765		599, 839	
Other	3							

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Because of changes in the questionnaire, no comparable figures for 1929 can be given for the first section of this table. For this reason, the items have been regrouped under "1939 and 1929" to present comparable figures so far as this can be done.
[4] No data.
[5] Figures for 1939 combined to avoid disclosing data for individual establishments; no data for 1929.

TABLE 8.—GENERAL STATISTICS FOR

This table presents separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments, given, however, reported larger numbers of wage earners or larger

			*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED BY MANUFACTURING ESTABLISHMENTS[1]						
							Manufacturing				
					Total[2]	Salaried officers of corporations[2]	Salaried employees[2]	Wage earners (average for year)[3]	Distribution	Construction	Other
1		All industries, total	1,460	807	122,886	1,396	10,606	106,275	3,394	658	557
2	17	Alloying and rolling and drawing of nonferrous metals, except aluminum	4		1,196	8	139	982	43	18	6
3	3	Batting, padding, and wadding, upholstery filling	3	2	306	2	14	270	20		
4	14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	4		499	11	54	418	16		
5	8	Bookbinding and related industries	3	2	19	1	2	15	1		
6	8	Books: printing without publishing	7	5	149	12	31	99	7		
7	12	Boot and shoe cut-stock and findings	7	2	173	8	16	145	4		
8	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	164	166	2,112	27	137	1,699	220	3	26
9	20	Brooms	4	3	17	1	3	11	2		
10	20	Brushes	6	4	49	5	1	41	2		
11	1	Candy and other confectionery products	4	7	235	3	35	195		2	
12	4	Canvas products (except bags)	3	1	95	6	21	63	4	1	
13	9	Chemicals not elsewhere classified	6	1	236	12	24	131	30	3	36
14	2	Cigars	5	5	33		1	31	1		
15	9	Cleaning and polishing preparations, blackings, and dressings	3	2	105	3	13	68	21		
16	7	Coated and glazed paper	6		226	10	30	173	11	2	
17	13	Concrete products	10	2	116	9	7	91	8		1
18	3	Cordage and twine	3		100	5	11	84			
19	20	Costume jewelry and costume novelties (jewelry other than fine jewelry)	80	64	6,116	53	426	5,522	104	11	
20	3	Cotton broad woven goods	16		7,580	20	249	7,304	2		5
21	3	Cotton narrow fabrics	38	18	4,317	40	278	3,930	59		10
22	3	Cotton thread	4	1	3,275	6	339	2,926	4		
23	3	Cotton yarn	5		602	4	25	572	1		
24	4	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	6	4	218	2	15	190	11		
25	14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	3	2	842	6	22	807	7		
26	7	Die-cut paper and paperboard, and converted cardboard	3		160	5	19	136			
27	9	Drugs and medicines (including drug grinding)	3	1	30	3	3	15	9		
28	3	Dyeing and finishing cotton, rayon, silk, and linen textiles	38	1	9,005	70	1,028	7,753	131	22	1
29	3	Dyeing and finishing woolen and worsted	11		831	15	97	719			
30	16	Electrical products not elsewhere classified	3		484	3	49	426	1		5
31	15	Electroplating, plating, and polishing	15	9	147	6	9	130	2		
32	14	Enameling, japanning, and lacquering	4	6	42		4	38			
33	15	Engraving on metal (except for printing purposes)	4	3	40	1	2	37			
34	8	Engraving (steel, copperplate, and wood); plate printing	8	7	116	6	5	103	2		
35	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	4	4	111	4	23	76	8		
36	7	Fiber cans, tubes, and similar products	5	6	353	5	34	310	4		
37	1	Flavoring extracts and flavoring sirups, not elsewhere classified	6	2	27	6	7	10	4		
38	1	Food preparations, not elsewhere classified	4	3	97	3	9	75	10		
39	20	Games and toys (except dolls and children's vehicles)	4	2	69	4	9	50	6		
40	8	General commercial (job) printing	57	44	514	44	72	370	28		
41	14	Gray iron and semisteel castings	5	9	293	2	14	276		1	
42	9	Grease and tallow (except lubricating greases)	3	2	44		10	27	1	6	
43	20	Hand stamps, stencils, and brands	5	1	56	7	5	29	15		
44	14	Hardware not elsewhere classified	5	1	170	11	27	125	7		
45	4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	3	1	207	2	5	195	2		3
46	1	Ice cream and ices	34	28	283	16	21	132	77		37
47	1	Ice, manufactured	20	12	137	8	12	72	45		
48	12	Industrial leather belting and packing leather	3		81	4	9	63	5		
49	17	Industrial machinery, not elsewhere classified	6	3	84	8	11	65			
50	16	Insulated wire and cable	9	1	1,759	9	186	1,497	28	39	
51	15	Jewelers' findings and materials	43	26	1,874	53	178	1,542	97	2	2
52	20	Jewelry cases and instrument cases	9	7	479	9	47	415	8		
53	15	Jewelry (precious metals)	64	38	3,021	76	304	2,492	142	6	1
54	3	Knitted cloth	5		174	10	15	146	2	1	
55	3	Lace goods	23	8	1,922	22	99	1,770	24	7	
56	1	Macaroni, spaghetti, vermicelli, and noodles	9	5	70	3	11	45	9	1	1
57	8	Machine and hand typesetting (including advertisement typesetting)	3	3	45	7	5	32	1		
58	17	Machine-shop products, not elsewhere classified	13	2	956	14	40	807	93		2
59	17	Machine-shop repairs	8	9	34	2	3	28	1		
60	17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	12	5	802	17	109	564	34	2	76
61	17	Machine tools	3		4,706	22	855	3,258	176	176	219
62	1	Malt liquors	3		441	11	27	317	86		
63	6	Mattresses and bedsprings	5	1	109	10	6	86	6		1
64	17	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	3		422	6	82	286	48		
65	1	Meat packing, wholesale	4	6	56	3	2	36	15		
66	20	Miscellaneous fabricated products not elsewhere classified	12	8	1,009	9	114	866	20		
67	4	Miscellaneous fabricated textile products not elsewhere classified	3		44	3	4	35		2	
68	20	Models and patterns (except paper patterns)	8	9	48		6	42			
69	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	10	8	132	12	15	94	11		
70	8	Newspapers: publishing and printing	14	8	1,132	23	457	532	120		
71	1	Nonalcoholic beverages	28	28	349	20	33	115	164		17

See footnotes at end of table.

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and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures are values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
		Manufacturing												
Total [2]	Salaries of officers of corporations [2]	Salaries [2]	Wages	Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
Dollars 141,519,439	*Dollars* 8,785,963	*Dollars* 19,144,213	*Dollars* 105,406,950	*Dollars* 6,468,511	*Dollars* 994,009	*Dollars* 719,793	*Dollars* 278,101,981	*Dollars* 265,051,008	*Dollars* 5,459,338	*Dollars* 5,371,456	*Dollars* 2,220,179	*Dollars* 516,390,541	*Dollars* 238,288,560	1
1,838,262	105,514	281,473	1,300,045	111,344	32,833	7,053	10,115,192	9,921,680	90,591	91,817	11,104	13,611,899	3,496,707	2
(5)	(5)	(5)	(5)	(5)	-------	-------	(5)	(5)	(5)	(5)	-------	(5)	(5)	3
672,342	37,191	123,543	460,977	50,631	-------	-------	749,199	681,958	21,022	22,660	23,559	1,968,019	1,218,820	4
20,860	2,080	2,772	11,708	4,300	-------	-------	13,308	12,495	-------	667	146	44,876	31,568	5
(5)	(5)	(5)	(5)	(5)	-------	-------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	6
150,306	29,402	20,958	96,741	3,205	-------	-------	395,589	388,351	2,216	5,022	-------	690,977	295,388	7
2,853,742	131,928	269,756	2,154,324	239,120	2,078	56,536	4,774,019	4,543,771	139,215	91,033	-------	10,110,978	5,336,959	8
15,934	2,600	2,793	7,930	2,611	-------	-------	27,776	27,213	254	309	-------	54,567	26,791	9
46,621	10,912	1,375	33,310	1,024	-------	-------	56,637	54,436	1,228	920	53	134,892	78,255	10
184,121	6,000	53,306	121,315	-------	3,500	-------	521,321	503,687	8,442	9,192	-------	923,069	401,748	11
(5)	(5)	(5)	(5)	(5)	-------	-------	(5)	(5)	(5)	(5)	-------	(5)	(5)	12
348,651	48,425	49,257	170,315	32,182	3,623	44,849	607,561	501,589	47,904	58,068	-------	1,164,736	557,175	13
22,599	-------	1,300	19,999	1,300	-------	-------	45,381	44,397	717	267	-------	84,767	39,386	14
(5)	(5)	(5)	(5)	(5)	-------	-------	(5)	(5)	(5)	(5)	-------	(5)	(5)	15
307,028	37,503	55,396	195,235	16,308	2,586	-------	652,249	607,816	19,970	24,346	117	1,174,891	522,642	16
151,972	22,709	6,685	110,040	12,088	-------	450	384,689	375,614	3,222	5,853	-------	716,150	331,461	17
(5)	(5)	(5)	(5)	-------	-------	-------	(5)	(5)	(5)	(5)	-------	(5)	(5)	18
5,273,129	350,741	591,742	4,105,178	213,907	11,561	-------	6,003,507	5,808,262	31,591	66,988	96,666	13,939,812	7,936,305	19
7,103,749	182,524	453,140	6,449,080	6,274	-------	12,731	10,700,347	9,927,100	244,590	528,657	-------	20,927,912	10,227,565	20
4,156,898	264,035	428,431	3,321,591	134,716	-------	8,125	6,227,158	5,953,611	96,192	158,399	18,956	12,470,177	6,243,019	21
(5)	(5)	(5)	(5)	(5)	-------	-------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	22
483,961	4,430	49,157	426,116	4,258	-------	-------	1,420,858	1,390,531	3,104	27,223	-------	2,224,096	803,238	23
(5)	(5)	(5)	(5)	(5)	-------	-------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	24
(5)	(5)	(5)	(5)	(5)	-------	-------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	25
(5)	(5)	(5)	(5)	-------	-------	-------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	26
(5)	(5)	(5)	(5)	(5)	-------	-------	(5)	(5)	(5)	(5)	-------	(5)	(5)	27
11,733,836	735,911	1,940,226	8,764,052	266,293	25,234	2,120	15,117,748	13,511,051	1,371,450	233,278	1,969	33,978,992	18,861,244	28
1,110,500	92,594	241,449	776,457	-------	-------	-------	6,956,368	6,790,197	133,480	32,691	-------	8,518,069	1,561,701	29
(5)	(5)	(5)	(5)	(5)	-------	(5)	(5)	(5)	(5)	(5)	-------	(5)	(5)	30
183,311	38,530	19,176	122,725	2,880	-------	-------	112,820	103,965	1,875	5,867	1,113	409,159	296,339	31
31,122	-------	4,214	26,908	-------	-------	-------	19,709	16,465	1,172	2,072	-------	81,757	62,048	32
77,986	9,298	4,159	64,529	-------	-------	-------	6,339	4,190	1,445	704	-------	109,322	102,983	33
167,542	18,262	6,850	138,562	3,868	-------	-------	14,094	9,838	987	2,628	641	212,145	198,051	34
(5)	(5)	(5)	(5)	(5)	-------	-------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	35
398,000	40,318	48,359	299,798	9,525	-------	-------	308,798	286,230	10,245	12,323	-------	894,157	585,359	36
44,141	17,558	8,980	9,427	8,176	-------	-------	138,076	136,146	1,349	581	-------	247,361	109,285	37
90,853	14,988	11,390	45,478	18,997	-------	-------	213,192	207,028	4,486	1,678	-------	423,713	210,521	38
52,587	11,334	8,990	28,945	3,318	-------	-------	79,113	77,390	152	1,571	-------	168,404	89,291	39
694,081	141,705	93,640	424,220	34,516	-------	-------	622,162	542,976	6,929	20,676	51,581	1,741,908	1,119,746	40
384,905	7,600	25,465	350,020	-------	1,820	-------	296,077	201,010	31,679	11,555	51,833	831,502	535,425	41
(5)	(5)	-------	(5)	(5)	(5)	-------	(5)	(5)	(5)	(5)	-------	(5)	(5)	42
79,538	18,050	6,941	40,411	14,136	-------	-------	34,289	29,744	480	1,441	2,624	245,816	211,527	43
213,524	61,979	33,104	102,007	16,434	-------	-------	221,793	213,954	1,803	6,036	-------	573,758	351,965	44
(5)	(5)	(5)	(5)	(5)	-------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	45
363,829	46,999	29,716	140,197	87,092	-------	59,825	1,488,796	1,422,545	12,459	53,792	-------	2,648,293	1,159,497	46
171,906	32,377	14,517	80,677	44,335	-------	-------	131,393	21,119	26,239	84,035	-------	597,733	466,340	47
(5)	(5)	(5)	(5)	(5)	-------	-------	(5)	(5)	(5)	(5)	-------	(5)	(5)	48
133,465	26,507	14,889	92,069	-------	-------	-------	39,135	30,332	2,230	3,373	3,200	231,435	192,300	49
1,997,980	107,350	291,447	1,478,350	72,815	48,018	-------	6,673,632	6,465,753	41,606	166,273	-------	10,661,075	3,987,443	50
2,191,167	404,168	278,505	1,323,921	179,114	2,671	2,788	3,780,958	3,670,527	28,486	47,014	34,931	7,429,616	3,648,658	51
484,763	35,090	74,842	350,911	23,920	-------	-------	299,480	279,590	5,709	11,469	2,712	897,815	598,335	52
3,518,749	391,533	489,964	2,353,299	273,215	9,766	972	5,273,025	5,058,188	20,877	57,414	136,546	11,169,678	5,896,653	53
159,364	39,771	20,175	89,294	9,500	624	-------	964,552	907,669	7,083	5,756	44,044	1,131,527	166,975	54
2,206,216	142,302	269,520	1,725,711	64,416	4,267	-------	2,159,463	1,980,608	66,044	33,722	79,089	4,930,378	2,770,915	55
69,444	5,422	13,757	37,226	9,617	1,477	1,945	218,364	202,782	7,442	8,140	-------	356,304	137,940	56
(5)	(5)	(5)	(5)	(5)	-------	-------	(5)	(5)	(5)	(5)	-------	(5)	(5)	57
934,580	46,720	116,723	621,485	147,208	-------	2,444	1,188,492	1,104,278	33,395	49,777	1,042	2,880,611	1,692,119	58
49,762	14,120	4,626	30,236	780	-------	-------	54,291	49,945	984	2,191	1,171	145,413	91,122	59
1,283,623	101,039	187,755	853,712	70,872	4,555	65,690	559,643	499,269	12,932	39,160	8,282	2,498,368	1,938,725	60
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	61
(5)	(5)	(5)	(5)	(5)	-------	-------	(5)	(5)	(5)	(5)	-------	(5)	(5)	62
164,002	61,540	5,185	77,968	18,361	-------	948	359,441	353,554	1,355	4,532	-------	588,380	228,939	63
(5)	(5)	(5)	(5)	(5)	-------	-------	(5)	(5)	(5)	(5)	-------	(5)	(5)	64
64,334	10,400	2,444	33,153	18,337	-------	-------	813,119	804,617	3,603	4,899	-------	977,703	164,584	65
875,891	47,690	186,367	610,667	31,167	-------	-------	996,356	951,483	4,168	22,422	18,283	2,292,016	1,295,660	66
48,432	10,920	4,566	30,102	-------	2,844	-------	86,226	80,129	3,115	2,982	-------	169,654	83,428	67
70,447	-------	7,938	62,509	-------	-------	-------	30,747	27,396	1,281	1,370	700	143,885	113,138	68
200,572	26,945	20,310	133,614	19,703	-------	-------	134,937	113,437	1,199	19,286	1,015	393,117	258,180	69
2,498,915	106,934	994,946	1,171,049	225,986	-------	-------	1,186,451	1,028,169	11,850	43,221	103,211	5,765,540	4,579,089	70
462,064	53,203	46,060	102,429	244,526	-------	15,846	730,860	705,331	12,463	12,866	200	1,657,350	926,490	71

TABLE 8.—GENERAL STATISTICS FOR

		INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1]						
					Total [2]	Salaried officers of corporations [2]	Manufacturing		Distribution	Construction	Other
							Salaried employees [2]	Wage earners (average for year) [3]			
1	3	Nonferrous metal foundries (except aluminum)	8	12	42	1	2	38	1		
2	14	Oil burners, domestic and industrial	6	2	23	3	3	17			
3	20	Ophthalmic goods, lenses and fittings	7	2	571	13	63	466	19	10	
4	7	Paints, varnishes, and lacquers	9	1	228	8	46	125	47		2
5	7	Paperboard containers and boxes not elsewhere classified	13	5	523	15	34	450	23	1	
6	7	Partitions, shelving, cabinet work, and office and store fixtures	3		49	5	5	35	4		
7	20	Pens, mechanical pencils, and pen points	7	6	401	12	54	320	15		
8	8	Periodicals, publishing without printing	4	2	18	1	9	1	7		
9	8	Photoengraving, not done in printing establishments (including preparation of plates)	8	5	104	8	18	72	6		
10	5	Planing mills not operated in conjunction with sawmills	12	6	218	16	35	158	8	1	
11	3	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	3	6	16			14	2		
12	3	Rayon broad woven goods—contract factories	5	2	558	6	14	538			
13	3	Rayon broad woven goods—regular factories or jobbers engaging contractors	14	1	7,665	30	353	7,208	74		
14	3	Rayon narrow fabrics	3		320	6	26	286	1		1
15	3	Rayon yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	4	3	505	4	56	437	3	5	
16	11	Rubber products not elsewhere classified	10		4,071	24	530	3,332	75	47	63
17	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	12	13	72		5	53	14		
18	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	4	2	37			37			
19	14	Screw-machine products and wood screws	10		1,314	21	86	1,043	156	8	
20	15	Secondary smelting and refining, gold, silver, and platinum	10	10	57	8	11	29	9		
21	15	Sheet-metal work not specifically classified	11	4	107	10	14	75	3	5	
22	19	Shipbuilding and ship repairing	4		100	3	13	83	1		
23	20	Signs, advertising displays, and advertising novelties	7	7	25		5	20			
24	3	Silk broad woven goods—regular factories or jobbers engaging contractors	4		246	3	12	230	1		
25	15	Silverware and plated ware	4		1,180	15	186	896	35	48	
26	9	Soap and glycerin	3		44	7	6	24	7		
27	14	Stamped and pressed metal products (except automobile stampings)	9	4	628	9	93	524			2
28	14	Steam fittings, regardless of material	3		193	7	16	130	40		
29	9	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	17	4	165	15	38	86	25		1
30	17	Textile machinery	34	10	2,360	45	525	1,704	81	5	
31	14	Tools (except edge tools, machine tools, files, and saws)	7	10	47	3	4	40			
32	6	Upholstered household furniture	7	2	139	8	6	113	12		
33	14	Wirework not elsewhere classified	5	7	69	3	8	57	1		
34	6	Wooden boxes except cigar boxes	7	2	140	7	16	114	3		
35	6	Wood products not elsewhere classified	3	3	75	3	9	63			
36	3	Woolen and worsted manufactures—contract factories	12	5	1,426	17	42	1,367			
37	3	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	86	13	23,310	71	1,002	22,139	74	10	14
38	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	3	4	36			36			
39		Other industries [6]	243	88	28,342	312	3,150	23,040	1,137	449	254
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]									
40	1	Food and kindred products	13	6	950	20	52	535	305	36	2
41	3	Textile-mill products and other fiber manufactures	36	19	6,276	37	523	5,636	75	5	
42	4	Apparel and other finished products made from fabrics and similar materials	36	23	2,619	23	115	2,447	28	3	3
43	6	Furniture and finished lumber products	10	2	212	10	40	150	12		
44	7	Paper and allied products	5	1	310	5	39	266			
45	8	Printing, publishing, and allied industries	19	9	840	30	105	629	74	2	
46	9	Chemicals and allied products	28	6	698	27	149	420	94	6	2
47	10	Products of petroleum and coal	5		607		77	351	52	116	11
48	12	Leather and leather products	9	2	313	12	18	274	9		
49	13	Stone, clay, and glass products	7	3	474	6	46	407	12	2	1
50	14	Iron and steel and their products, except machinery	22	8	3,996	37	365	3,403	141	50	
51	16	Electrical machinery	12	3	1,267	12	154	1,081	15		5
52	17	Machinery (except electrical)	12	1	5,630	37	1,042	3,911	229	181	230
53	20	Miscellaneous industries	12	1	1,662	20	110	1,510	22		
54	11	Rubber products	1	4	2,488	36	315	2,020	69	48	
	15	Nonferrous metals and their products	10								
	18	Automobiles and automobile equipment	5								
	19	Transportation equipment except automobiles	1								

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.

[2] Figures do not include data for personnel of central-administrative offices.

[3] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

THE STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	
55,071	3,176	3,758	46,983	1,154	----	----	116,540	107,894	6,427	1,741	478	222,033	105,493	1
48,409	19,085	5,653	23,671	----	----	----	170,246	168,343	812	1,091	----	299,322	129,076	2
677,740	107,228	98,224	400,254	57,463	14,571	----	886,248	870,647	1,164	12,767	1,670	1,799,856	913,608	3
(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	4
523,022	80,733	56,190	351,450	33,190	1,459	----	435,319	400,988	5,729	6,462	22,140	1,217,413	782,094	5
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	6
394,466	75,580	69,610	236,756	12,520	----	----	473,787	463,267	4,296	6,224	----	1,154,419	680,632	7
21,631	2,500	9,989	2,154	6,988	----	----	20,647	970	----	58	19,619	89,416	68,769	8
210,176	32,028	26,245	132,856	19,047	----	----	46,623	40,121	1,049	4,611	842	383,487	336,864	9
302,181	51,365	40,744	194,364	14,506	1,202	----	561,128	528,309	7,450	13,898	11,471	944,843	383,715	10
(5)	----	----	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	11
415,317	14,435	16,185	384,697	----	----	----	67,275	27,009	1,365	33,713	5,188	546,905	479,630	12
7,238,775	303,705	656,451	6,123,927	153,683	1,009	----	17,931,961	17,339,212	111,434	405,255	76,060	28,780,508	10,848,547	13
306,381	31,135	33,237	237,261	3,500	----	1,248	461,047	442,199	4,802	14,046	----	879,353	418,306	14
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	15
5,251,778	209,753	922,119	3,610,854	328,693	88,993	91,366	7,210,156	6,741,006	172,515	288,919	7,716	16,253,109	9,042,953	16
93,895	----	11,714	62,541	19,640	----	----	659,895	646,619	6,172	7,104	----	815,711	155,816	17
23,956	----	----	23,956	----	----	----	24,620	21,675	2,945	----	----	78,700	54,080	18
1,578,930	124,049	190,415	1,041,636	211,749	11,081	----	1,221,082	1,009,185	33,134	65,899	112,864	3,520,576	2,299,494	19
123,867	37,160	18,462	39,886	28,359	----	----	1,972,863	1,951,494	4,539	2,530	14,300	2,282,450	309,587	20
145,474	23,186	21,202	87,565	7,271	6,250	----	147,776	140,575	3,786	2,415	1,000	364,739	216,963	21
154,864	3,000	18,912	131,652	1,300	----	----	102,133	96,180	2,151	3,802	----	295,496	193,363	22
21,654	----	4,490	17,164	----	----	----	35,457	33,120	486	1,151	700	83,012	47,555	23
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	24
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	25
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	26
609,843	42,561	109,593	455,657	----	----	2,032	541,949	518,227	8,266	13,250	2,206	1,508,978	967,029	27
241,149	26,380	43,565	114,944	56,260	----	----	640,322	616,966	4,683	5,543	13,130	1,094,249	453,927	28
357,395	98,743	85,354	93,450	79,682	----	166	1,318,901	1,302,285	10,737	5,121	758	2,126,377	807,476	29
3,362,407	289,115	750,368	2,084,820	230,885	7,219	----	2,819,388	2,659,691	77,312	72,394	9,991	8,336,755	5,517,367	30
34,881	3,120	4,212	27,549	----	----	----	17,086	12,472	581	1,677	2,356	131,851	114,765	31
130,741	21,030	6,224	86,071	17,416	----	----	229,933	225,516	1,959	2,458	----	422,970	193,037	32
75,771	3,750	11,665	59,536	820	----	----	143,982	138,352	1,636	2,664	1,330	310,997	167,015	33
127,897	21,920	15,812	84,562	5,603	----	----	423,140	413,286	2,728	7,126	----	651,834	228,694	34
82,384	8,735	13,060	60,589	----	----	----	97,031	92,201	1,366	3,464	----	249,971	152,940	35
1,479,708	106,145	93,745	1,279,458	----	360	----	451,709	293,452	42,885	115,372	----	2,901,635	2,449,926	36
24,295,867	570,791	2,212,782	21,235,778	254,059	4,835	17,622	87,486,774	84,758,536	922,037	1,062,189	744,012	125,640,959	38,154,185	37
(5)	----	----	(5)	----	----	----	(5)	(5)	----	(5)	----	(5)	(5)	38
36,292,203	2,320,404	5,675,954	25,098,887	2,172,348	699,573	325,037	57,382,233	54,361,795	1,432,582	1,110,296	477,560	126,758,845	69,376,612	39
1,597,094	178,363	126,133	782,981	448,366	59,733	1,518	3,075,971	2,925,740	103,806	46,425	----	8,808,980	5,733,009	40
6,197,501	379,837	921,519	4,682,074	212,047	2,024	----	10,097,699	9,524,230	179,778	384,452	9,239	24,181,580	14,083,881	41
2,082,567	82,080	168,683	1,760,072	67,421	2,379	1,932	5,681,107	5,443,574	13,030	27,171	197,332	9,618,420	3,937,313	42
274,355	60,234	54,592	133,104	26,425	----	----	447,137	436,178	4,539	6,420	----	944,957	497,820	43
473,116	42,292	81,755	349,069	----	----	----	1,330,807	1,179,335	131,856	19,616	----	2,036,961	706,154	44
1,251,442	167,799	187,492	749,585	141,106	5,460	----	1,012,133	862,707	5,108	21,327	122,991	2,973,684	1,961,551	45
1,199,610	211,831	249,755	472,163	256,949	5,510	3,402	2,628,131	2,515,331	58,854	53,654	292	4,812,083	2,183,952	46
1,057,756	----	193,849	579,219	108,942	160,355	15,391	4,830,089	4,588,203	227,193	14,693	----	6,176,106	1,346,017	47
270,779	27,123	34,694	188,987	19,975	----	----	555,564	548,758	1,730	5,076	----	944,419	388,855	48
554,210	29,582	100,861	407,822	14,028	1,792	125	492,004	313,873	136,843	41,288	----	1,688,955	1,196,951	49
5,326,066	292,244	754,614	3,953,599	249,591	76,018	----	6,837,640	6,248,888	327,057	215,772	45,923	15,111,756	8,274,116	50
1,464,701	63,806	240,341	1,131,097	22,974	----	6,483	2,828,553	2,704,736	57,131	62,205	4,481	6,790,438	3,961,885	51
9,802,735	454,326	1,883,126	6,450,487	422,608	296,002	296,186	4,939,524	4,620,231	111,467	139,934	67,892	20,119,242	15,179,718	52
1,468,176	93,850	150,978	1,139,657	83,691	----	----	970,729	926,601	16,964	21,462	5,702	4,175,492	3,204,763	53
3,272,095	237,037	527,562	2,318,971	98,225	90,300	----	11,655,145	11,523,410	57,226	50,801	23,708	18,375,772	6,720,627	54

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[6] For numbers of establishments and of wage earners in individual industries, see table 12.

Table 9. GENERAL STATISTICS FOR THE PROVIDENCE-FALL

This table presents, for the Providence-Fall River-New Bedford industrial area, separate figures for each industry for which it is possible to publish such figures without groups. Certain of the industries for which combined figures are given, however, reported

	Group No.	Industry	*Number of establishments	*Proprietors and firm members	*Persons employed by manufacturing establishments [1]						
					Total [2]	Salaried officers of corporations [3]	Manufacturing: Salaried employees [4]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
1		All industries, total	2,036	1,203	171,307	1,802	13,747	153,013	4,334	734	677
2	13	Abrasive wheels, stones, paper, cloth, and related products	3	1	76	3	8	55	10		
3	15	Alloying, and rolling and drawing of nonferrous metals, except aluminum	8		1,984	12	259	1,597	92	18	6
4	3	Artificial leather and oilcloth	4		321	7	33	272	9		
5	8	Bookbinding and related industries	5	3	31	2	3	25	1		
6	8	Books: printing without publishing	9	6	171	15	33	116	7		
7	12	Boot and shoe cut stock and findings	11	4	393	8	48	332	5		
8	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	246	251	2,805	35	195	2,300	239	3	33
9	20	Brooms	4	3	17	1	3	11	2		
10	3	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	4	5	127		7	120			
11	9	Chemicals not elsewhere classified	8	2	243	13	24	135	32	3	36
12	2	Cigars	5	5	33		1	31	1		
13	9	Cleaning and polishing preparations, blackings, and dressings	3	2	105	3	13	68	21		
14	4	Coats, suits, and skirts (except fur coats) made in contract factories	3	3	126	1	7	118			
15	14	Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills	3		312	9	55	219	9	20	
16	13	Concrete products	10	2	119	9	9	93	7		1
17	20	Costume jewelry and costume novelties (jewelry other than fine jewelry) [6]	110	83	8,680	94	709	7,689	139	49	
18	3	Cotton broad woven goods	42	1	22,981	50	695	22,136	45		55
19	3	Cotton narrow fabrics	42	21	3,308	42	242	2,973	41		10
20	3	Cotton thread	7	2	5,124	7	415	4,680	22		
21	3	Cotton yarn	11		4,534	22	137	4,368	7		
22	4	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	15	9	988	10	56	892	30		
23	7	Die-cut paper and paperboard, and converted cardboard	3		160	5	19	136			
24	9	Drugs and medicines (including drug grinding)	4	1	40	3	10	14	13		
25	3	Dyeing and finishing cotton, rayon, silk, and linen textiles	38		8,621	62	946	7,481	119	12	1
26	15	Electroplating, plating, and polishing	23	18	248	6	16	223	2	1	
27	15	Engraving on metal (except for printing purposes)	8	8	66	1	4	61			
28	8	Engraving (steel, copperplate, and wood) plate printing	11	8	149	10	6	131	2		
29	20	Fabricated plastic products, not elsewhere classified	4	2	209	6	8	193	2		
30	14	Fabricated structural steel and ornamental metalwork, made in plants not operated in connection with rolling mills	6	5	143	5	27	98	13		
31	7	Fiber cans, tubes, and similar products	7	6	644	8	56	570	9		1
32	3	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	3	1	292	3	25	260	4		
33	1	Flavoring extracts and flavoring sirups, not elsewhere classified	6	2	27	6	7	10	4		
34	12	Footwear (except rubber)	5	1	456	5	36	413	2		
35	8	General commercial (job) printing	76	58	659	51	81	489	38		
36	16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	3		60	7	9	43	1		
37	14	Gray-iron and semisteel castings	12	18	403	8	16	377	1	1	
38	20	Hand stamps, stencils, and brands	5	1	56	7	5	29	15		
39	4	House dresses, uniforms, and aprons—made in contract factories	4	2	347	1	11	334		1	
40	4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	6	4	2,323	6	66	2,178	59		14
41	1	Housefurnishings (except curtains, draperies, and bedspreads)	3	1	255		20	235			
42	1	Ice cream and ices	39	34	271	16	22	139	56		38
43	1	Ice, manufactured	18	8	143	8	17	78	40		
44	9	Insecticides, fungicides, and related industrial and household chemical compounds	3		28	3	6	15	4		
45	16	Insulated wire and cable	10	2	1,765	9	187	1,502	28	39	
46	15	Jewelers' findings and materials [6]	63	37	2,823	74	265	2,355	123	4	2
47	15	Jewelry (precious metals) [6]	94	46	5,194	116	654	4,239	170	12	3
48	3	Knitted cloth	6	4	185	10	17	155	2	1	
49	3	Lace goods	9	3	831	9	52	748	22		
50	1	Macaroni, spaghetti, vermicelli, and noodles	10	11	55	3	5	37	8	1	1
51	8	Machine and hand typesetting (including advertisement typesetting)	3	3	45	7	5	32	1		
52	17	Machine-shop products, not elsewhere classified	20	12	955	14	34	813	92		2
53	17	Machine-shop repairs	20	23	108	6	14	87	1		
54	17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	18	5	1,924	28	232	1,429	157	2	76
55	17	Machine tools	3		4,706	22	855	3,258	176	176	219
56	1	Malt liquors	6		649	15	47	425	161		1
57	6	Mattresses and bedsprings	8	6	175	13	9	138	14		1
58	17	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	3		422	6	82	286	48		
59	1	Meat packing, wholesale	5	9	60	3	2	40	15		
60	17	Mechanical power-transmission equipment	3		104	6	13	80	2		3
61	4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	5	1	1,774	3	57	1,711	3		

See footnotes at end of table.

RIVER-NEW BEDFORD INDUSTRIAL AREA, BY INDUSTRIES: 1939

disclosing exact or approximate data for individual establishments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry larger numbers of wage earners or larger values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
192,374,961	11,408,490	24,227,388	146,084,673	8,715,257	1,094,156	844,997	348,806,053	331,241,038	6,880,373	7,866,633	2,818,009	663,917,458	315,111,405	1
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	2
3,032,589	143,160	477,074	2,164,713	207,756	32,833	7,053	12,697,051	12,333,730	172,234	164,807	26,280	18,646,469	5,949,418	3
388,895	50,008	55,168	266,413	17,306	----	----	1,463,598	1,232,186	35,316	21,115	174,981	2,134,055	670,457	4
36,732	6,580	4,072	21,780	4,300	----	----	24,844	23,388	216	844	396	80,452	55,608	5
317,818	76,270	66,040	163,838	11,670	----	----	289,769	277,673	1,155	5,634	5,307	776,812	487,043	6
495,679	29,402	112,849	348,800	4,628	----	----	973,591	934,822	10,517	23,271	4,981	2,406,836	1,433,245	7
3,703,160	145,968	365,747	2,860,609	264,396	2,078	64,362	6,538,807	6,217,538	196,615	124,654	----	13,729,101	7,190,294	8
15,934	2,600	2,793	7,930	2,611	----	----	27,776	27,213	254	309	----	54,567	26,791	9
97,521	----	12,887	84,634	----	----	----	143,747	134,325	----	3,383	6,039	284,437	140,690	10
355,960	50,128	49,257	173,785	34,318	3,623	44,849	626,517	520,001	48,338	58,178	----	1,195,964	569,447	11
22,599	----	1,300	19,999	1,300	----	----	45,381	44,397	717	267	----	84,767	39,386	12
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	13
75,090	2,080	5,280	67,730	----	----	----	4,916	3,076	473	1,367	----	112,266	107,350	14
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	15
167,140	22,609	10,124	122,363	10,738	----	1,306	409,822	397,225	3,603	8,994	----	792,713	382,891	16
8,117,676	646,278	1,025,228	6,055,930	318,845	71,395	----	8,431,450	8,126,666	59,205	118,012	127,567	20,720,510	12,289,060	17
21,398,333	397,140	1,323,208	19,476,265	151,812	----	49,908	27,748,551	25,392,702	792,029	1,559,646	4,174	58,115,984	30,367,433	18
3,307,063	239,218	382,748	2,589,212	87,760	----	8,125	4,702,583	4,451,345	86,176	146,106	18,956	9,697,773	4,995,190	19
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	20
3,803,703	138,534	267,191	3,376,898	21,080	----	----	6,493,736	6,019,797	83,600	390,339	----	11,515,729	5,021,993	21
676,514	48,935	69,399	481,521	76,659	----	----	3,528,200	3,476,340	441	10,227	41,192	4,689,082	1,160,882	22
(5)	(5)	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	23
63,246	15,893	15,299	10,532	21,522	----	----	51,476	49,140	1,832	504	----	159,281	107,805	24
11,375,334	544,783	1,905,744	8,577,637	329,772	15,278	2,120	13,655,654	12,130,255	1,248,578	274,852	1,969	29,882,090	16,226,436	25
293,176	38,530	27,192	223,074	2,880	1,500	----	194,747	177,567	5,464	10,603	1,113	726,493	531,746	26
105,467	9,298	5,845	90,324	----	----	----	10,610	6,084	708	822	2,996	169,588	158,978	27
210,985	22,232	7,786	177,099	3,868	----	----	19,591	14,196	1,614	3,140	641	272,464	252,873	28
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	29
269,680	28,648	56,580	156,858	27,594	----	----	369,892	359,019	2,777	6,683	1,413	830,474	460,582	30
671,428	53,018	77,082	520,571	19,613	----	1,144	509,187	443,970	50,248	14,969	----	1,369,295	860,108	31
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	32
44,141	17,558	8,980	9,427	8,176	----	----	138,076	136,146	1,349	581	----	247,361	109,285	33
432,815	23,038	45,616	352,184	11,977	----	----	841,618	833,904	1,660	6,054	----	1,438,471	596,853	34
868,859	164,976	105,211	545,604	53,068	----	----	768,911	673,071	10,458	25,462	59,920	2,185,796	1,416,885	35
91,627	26,656	18,535	41,686	4,750	----	----	174,850	171,866	1,570	1,414	----	363,207	188,357	36
576,182	50,555	31,791	491,236	780	1,820	----	380,245	270,357	43,659	14,396	51,833	1,181,452	801,207	37
79,538	18,050	6,941	40,411	14,136	----	----	34,289	29,744	480	1,441	2,624	245,816	211,527	38
241,396	2,080	23,376	214,120	----	1,820	----	24,755	19,623	640	4,492	----	347,725	322,970	39
(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	40
(5)	----	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	41
351,880	46,999	31,181	144,640	67,582	----	61,478	1,537,818	1,475,904	9,710	52,204	----	2,773,171	1,235,353	42
208,391	36,543	22,971	93,544	55,333	----	----	163,219	23,789	23,257	116,173	----	700,754	537,535	43
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	44
2,002,756	107,350	291,765	1,482,808	72,815	48,018	----	6,784,513	6,575,695	41,776	167,042	----	10,819,934	4,035,421	45
3,787,915	622,344	533,907	2,357,978	262,672	8,226	2,788	10,964,665	10,711,371	52,567	98,619	102,108	17,332,720	6,368,055	46
6,489,196	637,608	965,972	4,453,871	406,148	22,816	2,781	8,406,782	8,046,125	49,621	78,910	232,126	18,650,291	10,243,509	47
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	48
1,026,900	85,654	136,625	758,095	46,526	----	----	978,090	895,537	25,522	14,353	42,678	2,293,032	1,314,942	49
59,379	5,422	4,935	36,233	9,367	1,477	1,945	212,431	195,569	8,037	8,825	----	338,305	125,874	50
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	51
933,177	42,911	79,458	658,068	150,296	----	2,444	1,040,746	961,770	31,283	46,437	1,256	2,698,954	1,658,208	52
138,865	18,232	18,089	101,764	780	----	----	152,262	140,605	4,185	6,301	1,171	425,381	273,119	53
2,829,951	203,002	379,148	1,933,523	244,033	4,555	65,690	1,407,835	1,264,515	50,817	83,628	8,875	5,828,211	4,420,376	54
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	55
1,329,800	146,179	128,913	711,912	341,596	----	1,200	2,383,347	2,233,909	86,837	62,601	----	7,145,344	4,761,997	56
228,730	67,083	8,424	122,546	29,729	----	948	529,983	521,634	1,595	6,754	----	894,696	364,713	57
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	58
67,995	10,400	2,444	36,814	18,337	----	----	869,793	859,119	3,939	6,735	----	1,049,525	179,732	59
(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	60
1,325,168	37,682	83,157	1,198,029	6,300	----	----	3,106,533	3,034,733	1,506	14,339	55,955	4,808,685	1,702,152	61

TABLE 9.—GENERAL STATISTICS FOR THE PROVIDENCE-FALL

		INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS[1]						
					Total[2]	Salaried officers of corporations[2]	Manufacturing		Distribution	Construction	Other
							Salaried employees	Wage earners (average for year)[3]			
1	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories or by jobbers engaging contractors	6	4	947	8	35	863	35	6	.
2	4	Machinery	3		82	3	9	69	1		
3	20	Miscellaneous fabricated products not elsewhere classified	15	13	1,111	11	128	951	21		
4	20	Models and patterns (except paper patterns)	8	9	48		6	42			
5	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	7	3	82	11	12	52	7		
6	8	Newspapers—publishing and printing	17	8	1,155	25	598	673	159	.	
7	1	Nonalcoholic beverages	10	34	443	23	49	176	177		18
8	17	Nonferrous metal foundries (except aluminum)	11	15	49	1	2	45	1		
9	20	Ophthalmic goods—lenses and fittings	10	2	899	22	89	753	25	10	
10	9	Paints, varnishes, and lacquers	13	1	273	15	52	153	50		3
11	7	Paperboard containers and boxes not elsewhere classified	26	14	1,194	25	114	1,008	41	2	4
12	6	Partitions, shelving, cabinet work, and other store fixtures	3		49	5	5	35	4	.	.
13	10	Paving blocks and paving mixtures—asphalt, creosoted wood, and composition	5		64		9	33	22		
14	8	Periodicals, publishing without printing	4	2	18	1	9	1	7		
15	8	Photoengraving, not done in printing establishments (including preparation of plates)	8	5	104	8	18	72	6	.	..
16	5	Planing mills not operated in conjunction with sawmills	20	10	356	23	46	266	17	2	2
17	1	Poultry dressing and packing, wholesale	4	5	15	.	1	14		.	
18	14	Power boilers and associated products	4	3	79	2	12	61	4	..	
19	3	Processed waste and recovered wool fibers—contract factories	3		106	1	10	95		...	...
20	3	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	8	6	147	7	11	125	4	.	. .
21	3	Rayon broad woven goods—contract factories	8	6	651	6	18	627		. ..	. . ...
22	3	Rayon broad woven goods—regular factories or jobbers engaging contractors	17		11,124	28	409	10,611	76	....	. . .
23	3	Rayon narrow fabrics	3		320	6	26	286	1	..	1
24	3	Rayon yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	5	3	636	4	58	566	3	5	...
25	4	Robes, lounging garments, and dressing gowns	5	6	541	6	21	491	23		
26	11	Rubber products not elsewhere classified	13	.	5,231	29	651	4,326	110	52	63
27	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	36	31	158	9	11	106	32	.....	. ....
28	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	6	2	109	2	2	100	2		3
29	15	Sheet-metal work not specifically classified	13	5	124	12	16	84	7	5	. . .
30	19	Shipbuilding and ship repairing	5	2	240	6	14	216	4	.	. . .
31	20	Signs, advertising displays, and advertising novelties	10	9	40	2	7	31	.		.... ..
32	3	Silk broad woven goods—contract factories	3	1	89	1	4	84			.. .
33	3	Silk broad woven goods—regular factories or jobbers engaging contractors	4	.	246	3	12	230	1		
34	15	Silverware and plated ware	20	6	2,491	34	368	1,888	113	48	40
35	20	Sporting and athletic goods not elsewhere classified	4		371	7	23	334	7		
36	14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	5	.	879	17	47	745	70		....
37	12	Suitcases, brief cases, bags, trunks, and other luggage	4	1	243	5	11	223	4		..
38	20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	4	1	43	4	5	30	4		
39	9	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	13	4	165	12	30	111	12		
40	17	Textile machinery	52	27	3,251	57	590	2,492	107	5	. .... .
41	14	Tools (except edge tools, machine tools, files, and saws)	12	13	354	7	42	302	3		
42	4	Trousers (semidress), wash suits, and washable service apparel	5	6	882	2	20	860	. ....	..	.
43	16	Wiring devices and supplies	3	.....	830	7	73	749	1	. ..	.
44	4	Women's and misses' clothing, not elsewhere classified—made in contract factories	5	6	197	.....	2	195	.	..	
45	4	Women's and misses' dresses (except house dresses)—made in contract factories	7	5	674	5	15	654	.	....	
46	4	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics	5	8	2,001	1	118	1,882	.	.	
47	12	Women's pocketbooks, handbags, and purses	6	2	737	7	23	707	.	..	. .
48	6	Wooden boxes (except cigar boxes)	10	4	183	11	16	152	4		. .
49	6	Wood products not elsewhere classified	6	11	83	1	8	68	6	.	
50	3	Woolen and worsted manufactures—contract factories	12	5	1,559	14	36	1,509	. .. .. .	.	
51	3	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	69	10	19,696	59	863	18,687	67	10	10
52	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	6	9	219	....	7	211	1	....	

See footnotes at end of table.

RIVER-NEW BEDFORD INDUSTRIAL AREA, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
813,354	30,070	59,539	657,833	57,540	8,372	----------	1,842,312	1,821,597	800	10,799	9,116	3,030,215	1,187,903	1
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	2
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	3
70,447	----------	7,938	62,509	----------	----------	----------	30,747	27,396	1,281	1,370	700	143,885	113,138	4
111,787	29,145	15,420	56,873	10,349	----------	----------	80,964	69,258	552	10,139	1,015	231,940	150,976	5
3,084,633	165,504	1,207,686	1,417,895	293,548	----------	----------	1,448,404	1,238,587	16,946	58,045	134,826	7,373,862	5,925,458	6
616,373	43,881	92,783	171,562	290,831	----------	17,316	855,462	821,380	16,377	16,505	1,200	1,992,055	1,136,593	7
61,259	3,176	3,758	53,171	1,154	----------	----------	118,572	110,104	6,406	1,584	478	230,955	112,383	8
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	9
623,887	124,996	131,983	189,303	173,364	----------	4,241	1,703,244	1,675,861	12,521	14,862	----------	2,880,500	1,177,256	10
1,263,249	150,704	165,167	818,199	117,861	2,033	9,285	1,767,064	1,711,586	10,614	21,442	23,422	3,822,108	2,055,044	11
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	12
110,431	----------	22,218	41,827	46,386	----------	----------	379,551	344,289	24,194	11,068	----------	734,913	355,362	13
21,631	2,500	9,989	2,154	6,988	----------	----------	20,647	970	----------	58	19,619	89,416	68,769	14
210,176	32,028	26,245	132,856	19,047	----------	----------	46,623	40,121	1,049	4,611	842	383,487	336,864	15
466,986	73,398	57,134	306,382	25,371	2,223	2,478	894,728	850,540	8,672	24,045	11,471	1,516,961	622,233	16
12,567	----------	676	11,891	----------	----------	----------	91,808	89,333	1,391	1,084	----------	119,987	28,179	17
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	18
(5)	(5)	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	19
151,361	31,085	18,920	93,071	8,285	----------	----------	1,014,694	997,871	1,238	11,735	3,850	1,280,855	266,161	20
472,340	13,234	16,653	442,453	----------	----------	----------	83,871	30,735	264	45,967	6,905	645,296	561,425	21
10,430,594	327,627	733,989	9,207,878	160,091	1,009	----------	23,768,220	22,951,651	172,429	592,091	52,049	39,201,635	15,433,415	22
306,381	31,135	33,237	237,261	3,500	----------	1,248	461,047	442,199	4,802	14,046	----------	879,353	418,306	23
560,697	28,900	95,246	426,939	7,588	2,024	----------	1,682,245	1,595,978	37,401	48,866	----------	2,719,621	1,037,376	24
381,093	17,275	40,423	294,179	29,216	----------	----------	1,021,891	988,473	3,041	7,300	23,077	1,647,392	625,501	25
6,554,189	259,492	1,154,709	4,557,818	398,761	92,043	91,366	9,175,592	8,496,239	295,530	374,017	9,806	18,834,762	9,659,170	26
194,676	15,840	18,819	116,311	43,706	----------	----------	1,416,627	1,391,640	11,656	13,331	----------	1,786,327	369,700	27
101,817	6,990	3,716	82,781	3,790	----------	4,540	102,682	87,135	2,195	7,258	6,094	325,682	223,000	28
182,577	35,264	24,898	97,477	18,688	6,250	----------	301,844	294,293	3,936	2,615	1,000	585,126	283,282	29
300,090	21,880	16,436	258,056	3,718	----------	----------	259,788	253,740	972	4,796	280	703,191	443,403	30
36,390	2,469	6,544	27,377	----------	----------	----------	48,093	45,506	588	1,299	700	122,017	73,924	31
67,889	743	8,296	58,850	----------	----------	----------	20,277	11,375	1,222	7,680	----------	113,267	92,990	32
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	33
3,449,177	272,085	595,209	2,230,617	210,163	90,300	50,803	3,763,474	3,626,727	75,305	36,011	25,431	10,377,288	6,613,814	34
437,941	28,020	36,676	360,705	12,540	----------	----------	267,729	251,062	7,083	9,584	----------	846,999	579,270	35
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	36
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	37
36,090	7,630	5,472	21,988	1,000	----------	----------	18,535	16,780	827	928	----------	86,267	67,732	38
318,369	75,657	50,451	166,627	25,634	----------	----------	1,509,393	1,487,497	17,887	3,251	758	1,916,049	406,656	39
4,529,394	426,579	848,149	2,942,760	304,687	7,219	----------	3,448,643	3,232,672	88,086	117,894	9,991	10,956,791	7,508,148	40
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	41
612,428	9,600	25,326	577,502	----------	----------	----------	1,146,420	1,138,362	583	7,475	----------	1,942,820	796,400	42
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	43
(5)	----------	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	44
487,102	16,442	21,240	449,420	----------	----------	----------	25,364	17,860	648	6,856	----------	655,197	629,833	45
1,381,732	34,500	135,413	1,211,819	----------	----------	----------	3,890,224	3,873,525	310	16,389	----------	6,559,175	2,668,951	46
542,769	23,074	39,232	480,463	----------	----------	----------	997,358	963,886	1,554	4,645	27,273	1,833,476	836,118	47
169,924	31,857	15,812	115,652	6,603	----------	----------	487,889	472,668	3,208	11,373	640	759,588	271,699	48
73,918	3,535	10,853	54,533	4,997	----------	----------	91,779	87,395	765	3,619	----------	242,206	150,427	49
1,626,729	100,113	85,645	1,440,611	----------	360	----------	495,628	317,554	59,749	118,325	----------	3,288,867	2,793,239	50
20,393,227	448,093	1,919,204	17,763,554	244,177	4,835	13,364	71,082,613	68,811,743	765,266	869,029	636,575	104,259,207	33,176,594	51
123,525	----------	11,475	109,083	2,967	----------	----------	325,199	292,678	445	2,091	29,985	643,514	318,315	52

TABLE 9.—GENERAL STATISTICS FOR THE PROVIDENCE-FALL

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS ENGAGED IN MANUFACTURING ESTABLISHMENTS [1]						
					Total [2]	Salaried officers of corporations [2]	Manufacturing		Distribution	Construction	Other
							Salaried employees [2]	Wage earners (average for year) [3]			
1		Other industries [4]	452	202	42,529	519	4,183	35,598	1,484	478	267
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]									
2	1	Food and kindred products	24	18	1,024	14	92	633	228	54	3
3	3	Textile-mill products and other fiber manufactures	56	14	9,713	62	722	8,826	96	7	.....
4	4	Apparel and other finished products made from fabrics and similar materials	49	34	4,963	30	193	4,629	94	1	16
5	6	Furniture and finished lumber products	20	5	416	19	59	312	26	....	...
6	7	Paper and allied products	14	2	706	18	96	579	11	2	..
7	8	Printing, publishing, and allied industries	12	4	691	18	74	530	67	2	...
8	9	Chemicals and allied products	25	7	983	21	167	744	43	8	..
9	10	Products of petroleum and coal	3		554		71	326	30	116	11
10	12	Leather and leather products	12	6	387	13	28	331	15	.....	..
11	13	Stone, clay, and glass products	15	4	554	14	68	453	15	3	1
12	14	Iron and steel and their products, except machinery	94	39	8,787	136	803	7,350	420	76	2
13	15	Nonferrous metals and their products	18	12	830	19	85	684	42	....	...
14	16	Electrical machinery	12	3	2,194	11	253	1,883	27	19	1
15	17	Machinery (except electrical	22	6	5,638	51	1,002	3,932	242	178	233
16	20	Miscellaneous industries	67	43	4,238	82	396	3,652	96	12	.....
17	18	Automobiles and automobile equipment	5	2	248	8	40	169	31		..
	2	Tobacco manufactures	1								
	11	Rubber products	1	3	603	3	34	565	1	...	...
	19	Transportation equipment except automobiles	2								

* As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.
[2] Figures do not include data for personnel of central-administrative offices.
[3] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.
[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.

RIVER-NEW BEDFORD INDUSTRIAL AREA, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
49,500.226	3,439,600	7,268,501	34,952,744	2,805,184	701,373	332,824	83,162,611	78,774,158	1,979,532	1,601.815	807,106	169,222,380	86,059,769	1
1,079,593	71,188	146,460	557,465	231,236	71,774	1,470	3,128,608	3,000,590	86,721	41,297	.....	6,290,559	3,161,951	2
9,251,913	469,738	1,260,137	7,220,506	294,941	6,591	.....	20,423,073	19,463,530	474,785	434,303	50,455	38,299,920	17,876,847	3
3,593,882	203,701	307,618	2,910,594	160,057	.....	11,912	7,037,538	6,757,763	20,490	57,467	201,818	13,027,396	5,989,858	4
461,836	83,514	75,873	254,486	47,963	.....	.....	727,400	709,855	7,355	10,190	.....	1,494,476	767,076	5
1,111,206	131,995	212,351	747,339	16,308	3,213	.....	3,321,852	3,088,623	161,398	53,354	18,477	5,332,685	2,010,833	6
956,199	94,857	123,200	603,246	129,436	5,460	.....	735,728	595,237	4,638	16,196	119,657	2,243,545	1,507,817	7
1,310,032	119,801	240,369	848,652	92,584	8,626	.....	2,484,142	2,190,397	155,334	138,119	292	4,889,949	2,405,807	8
963,567	.....	178,576	546,689	62,556	160,355	15,391	4,580,355	4,364,629	206,129	9,597	.....	5,636,530	1,056,175	9
384,858	48,126	47,779	261,681	27,272	.....	.....	774,232	764,513	4,311	5,408	.....	1,369,631	595,399	10
663,842	51,330	118,738	473,156	16,406	2,787	1,425	625,572	444,169	141,207	40,196	.....	1,974,180	1,348,608	11
11,279,756	864,772	1,505,466	8,004,087	796,617	106,782	2,032	11,933,995	10,794,507	465,765	419,716	254,007	30,842,063	18,908,068	12
1,129,400	109,297	153,557	766,450	100,096	.....	.....	13,403,153	13,352,206	12,302	22,668	15,977	15,439,469	2,036,316	13
2,185,992	66,688	357,170	1,677,573	52,978	30,983	600	3,408,534	3,230,223	85,133	88,697	4,481	8,367,134	4,958,600	14
9,789,147	526,513	1,791,992	6,448,372	433,674	288,602	299,994	4,827,170	4,490,065	111,718	142,799	82,588	19,649,120	14,821,950	15
4,354,839	507,842	635,076	2,911,979	283,742	16,200	.....	4,595,126	4,438,065	30,883	84,310	41,868	11,367,821	6,772,695	16
984,164	90,238	114,139	720,469	59,318	.....	.....	1,156,133	1,089,786	11,363	37,498	17,486	2,997,902	1,841,769	17

[6] For numbers of establishments and of wage earners in individual industries, see table 12.

[a], [b], and [c] To avoid disclosing exact or approximate data for individual establishments, the data for certain establishments located outside the Providence-Fall River-New Bedford Industrial Area have been included in the figures for the industries to which these footnotes are indexed. Data for these establishments are not, however, included in the totals for the area.

[a] 1 establishment. [b] 2 establishments. [c] 3 establishments.

TABLE 10.—GENERAL STATISTICS FOR PROVIDENCE, BY INDUSTRIES: 1939

[This table presents separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments, and gives combined figures for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures are given, however, reported larger numbers of wage earners or larger values of products than some of those shown separately. No data for nonmanufacturing establishments, central administrative offices of corporations, are included in this table.]

Industry group	Industry	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
	All industries, total	735	418	709	4,954	41,046	$4,093,252	$8,829,210	$42,624,227	$93,687,670	$193,397,814	$99,710,144
8	Bookbinding and related industries	3	2	1	2	15	2,080	2,772	11,708	13,308	44,876	31,568
8	Books: printing without publishing	7	5	12	31	99	(4)	(4)	(4)	(4)	(4)	(4)
1	Bread and other bakery products, except biscuit, crackers, and pretzels	78	74	11	74	905	29,476	142,697	1,232,449	2,709,012	5,850,141	3,141,129
1	Candy and other confectionery products	4	7	3	35	195	6,000	53,306	121,315	521,321	923,069	401,748
9	Chemicals not elsewhere classified	3	1	5	11	33	(4)	(4)	(4)	(4)	(4)	(4)
13	Cleaners' products	5	1	5	3	50	15,429	2,977	58,589	256,151	457,858	201,707
20	Costume jewelry and costume novelties (jewelry other than fine jewelry) [6]	80	64	53	426	5,522	350,741	591,742	1,105,178	6,003,507	13,939,812	7,936,305
4	Cotton narrow fabrics	4	3	...	70	698	...	(4)	(4)	(4)	(4)	(4)
4	Curtains, draperies, and bedspreads—made in regular factories or by jobbers employing contractors	3	2	2	...	6	(4)	(4)	(4)	(4)	(4)	(4)
14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	3	2	6	22	807	(4)	(4)	(4)	(4)	(4)	(4)
4	Dyeing and finishing cotton, rayon, silk, and linen textiles	4		12	83	927	139,266	166,342	997,883	2,597,380	5,171,427	2,574,047
15	Electroplating, plating, and polishing [5]	15	9	6	9	130	38,530	19,176	122,725	112,820	409,159	296,339
8	Engraving: steel, copperplate, and wood plate printing	8	7	6	5	103	18,262	6,850	138,562	14,094	212,145	198,051
14	Fabricated structural steel and ornamental metalwork, made in plants not operated in connection with rolling mills	4	4	4	23	76	(4)	(4)	(4)	(4)	(4)	(4)
1	Flavoring extracts and flavoring sirups, not elsewhere classified	3	1	3	4	6	(4)	(4)	(4)	(4)	(4)	(4)
8	General commercial job printing	35	22	26	35	234	82,873	48,652	278,290	403,473	1,173,735	770,262
9	Hand stamps, stencils, and brands	5	4	7	5	29	18,050	6,941	40,411	34,289	245,816	211,527
1	Ice cream and ices	18	8	16	16	103	46,999	22,135	109,049	1,160,648	2,073,377	912,729
1	Ice, manufactured	5		4	6	35	(4)	(4)	(4)	(4)	(4)	(4)
17	Industrial machinery, not elsewhere classified	3	2	4	1	21	(4)	(4)	(4)	(4)	(4)	(4)
15	Jewelers' findings and materials [5]	43	26	53	178	1,542	404,168	278,505	1,323,921	3,780,958	7,429,616	3,648,658
20	Jewelry cases and instrument cases	9	7	9	47	415	35,090	74,842	350,911	299,480	897,815	598,335
15	Jewelry: precious metals [5]	64	38	76	304	2,492	391,533	489,964	2,353,299	5,273,025	11,169,678	5,896,653
1	Macaroni, spaghetti, vermicelli, and noodles	5	4	1	2	14	(4)	(4)	(4)	(4)	(4)	(4)
8	Machine and hand typesetting (including advertisement typesetting)	3	3	7	5	32	(4)	(4)	(4)	(4)	(4)	(4)
17	Machine-shop products, not elsewhere classified	3		4	11	50	11,140	21,874	54,765	48,820	151,245	102,425
17	Machine-shop repairs	3	3	2	2	17	(4)	(4)	(4)	(4)	(4)	(4)
17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	8	2	13	63	282	(4)	(4)	(4)	(4)	(4)	(4)
6	Mattresses and bedsprings	5	1	10	6	86	61,540	5,185	77,968	359,441	588,380	228,939
17	Measuring instruments, mechanical (except electrical measuring instruments), watches, and clocks	3	...	6	82	286	(4)	(4)	(4)	(4)	(4)	(4)
20	Models and patterns (except paper patterns)	5	5	...	4	28	...	6,378	47,724	23,544	106,922	83,378
13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	5	3	8	10	45	(4)	(4)	(4)	(4)	(4)	(4)
1	Nonalcoholic beverages	10	8	4	10	58	6,600	14,297	47,101	392,000	920,387	528,387
14	Oil burners, domestic and industrial [6]	6	2	3	3	17	19,085	5,653	23,671	170,246	299,322	129,076
9	Paints, varnishes, and lacquers	4	1	3	39	102	(4)	(4)	(4)	(4)	(4)	(4)
7	Paperboard containers and boxes not elsewhere classified	7	3	8	13	233	30,682	19,369	184,303	198,539	620,702	422,163
6	Partitions, shelving, cabinet work, and office and store fixtures	3	...	5	5	35	(4)	(4)	(4)	(4)	(4)	(4)
8	Periodicals: publishing without printing	4	2	1	9	1	2,500	9,989	2,154	20,647	89,416	68,769
8	Photoengraving, not done in printing establishments (including preparation of plates) [6]	8	5	8	18	72	32,028	26,245	132,856	46,623	383,487	336,864
5	Planing mills not operated in conjunction with sawmills	3	...	7	16	69		...	84,135	364,064	539,100	175,036
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	6	4	...	4	44	...	11,334	53,124	555,289	671,138	115,849
14	Screw-machine products and wood screws	7	...	13	78	986	85,384	180,274	986,824	1,063,526	3,172,901	2,109,375
15	Secondary smelting and refining, gold, silver, and platinum	10	10	8	11	29	37,160	18,462	39,886	1,972,863	2,282,450	309,587
15	Sheet-metal work not specifically classified	8	4	7	10	53	17,158	16,622	63,220	106,134	266,299	160,165
20	Signs, advertising displays, and advertising novelties	3	2	...	4	9	...	4,380	8,679	21,264	51,100	29,836

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR PROVIDENCE, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
15	Silverware and plated ware	4		15	186	896	(4)	(4)	(4)	(4)	(4)	(4)
14	Stamped and pressed metal products (except automobile stampings) [b]	9	4	9	93	524	$42,561	$109,593	$455,657	$541,949	$1,508,978	$967,029
9	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	4	2	5	4	9	34,275	5,976	12,981	152,961	264,499	111,538
17	Textile machinery	14	3	22	93	532	144,657	160,745	658,297	1,011,475	2,880,227	1,868,752
14	Tools (except edge tools, machine tools, files, and saws)	7	10	3	4	40	3,120	4,212	27,549	17,086	131,851	114,765
3	Woolen and worsted manufactures – regular factories or jobbers engaging contractors	14		9	265	6,651	66,962	666,916	6,487,382	21,454,610	32,789,244	11,334,634
	Other industries [5]	243	98	311	3,095	18,769	1,930,072	5,653,491	22,057,285	42,292,743	96,436,607	54,143,864
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	22	10	18	44	275	98,156	82,293	316,347	1,170,895	3,188,891	2,017,996
3	Textile-mill products and other fiber manufactures	18	4	22	166	2,310	163,672	269,411	2,002,477	3,311,573	7,219,226	3,907,653
4	Apparel and other finished products made from fabrics and similar materials	16	10	12	14	398	39,685	17,921	305,513	543,529	1,055,166	511,637
6	Furniture and finished lumber products	16	4	21	48	270	85,904	58,761	217,192	602,198	1,273,730	671,532
8	Printing, publishing, and allied industries	20	10	35	443	972	187,715	950,057	1,619,389	1,976,831	7,259,941	5,283,110
9	Chemicals and allied products	13	4	14	71	222	136,257	161,681	245,108	1,481,531	2,944,504	1,462,973
12	Leather and leather products	13	4	15	25	242	39,479	40,132	152,575	688,629	1,150,500	461,871
13	Stone, clay, and glass products	8	4	11	18	98	39,405	31,921	126,599	143,591	472,450	328,859
14	Iron and steel and their products, except machinery	28	14	37	206	2,330	259,456	451,487	2,682,445	2,509,530	8,587,822	6,078,292
15	Nonferrous metals and their products	13	5	23	243	1,003	152,235	418,289	1,663,509	10,532,432	15,502,482	4,970,050
16	Electrical machinery	10	3	8	136	1,282	50,689	246,156	1,275,776	3,991,185	8,180,070	4,188,885
17	Machinery (except electrical)	19	7	35	895	3,513	266,800	1,577,335	5,814,604	3,707,614	16,260,440	12,552,826
20	Miscellaneous industries	34	15	49	271	2,436	304,418	407,057	1,796,316	2,873,382	7,100,565	4,227,183
2	Tobacco manufactures	3	3		1	26						
11	Rubber products	5		8	457	3,106						
7	Paper and allied products	2	1	3	57	286	106,201	940,990	3,839,435	8,759,823	16,240,820	7,480,997
10	Products of petroleum and coal	2										
18	Automobiles and automobile equipment	1										

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] Figures do not include data for personnel of central-administrative offices.
[2] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.
[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[4] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[5] For numbers of establishments and of wage earners in individual industries, see table 12.

[a], [b], and [c] To avoid disclosing exact or approximate data for individual establishments, the data for certain establishments located outside Providence have been included in the figures for the industries to which these footnotes are indexed. Data for these establishments are not, however, included in the totals for the city.
[a] 1 establishment. [b] 2 establishments. [c] 3 establishments.

TABLE 11.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939

COUNTY	Total	INDUSTRY GROUP 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
The State	1,460	298	5	292	39	16	32	29	113	51	5	11	16	27	80	169	21	85	5	5	161
Bristol	41	10		9	6	1			2			2	1	1	1	1		3		3	1
Kent	86	14		40	3		1		4	7				2	5	2		5		1	2
Newport	27	15		1		2			5	1							1	1		1	
Providence	1,256	246	5	216	30	12	30	29	99	43	5	9	15	19	74	166	20	76	5		157
Washington	50	13		26		1	1		3					5							1

TABLE 12. INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE PROVIDENCE-FALL RIVER-NEW BEDFORD INDUSTRIAL AREA, AND FOR PROVIDENCE: 1939

[In order to avoid disclosing data for individual establishments, wage-earner figures for industries represented by fewer than three establishments are withheld]

Group No.[1]	TITLE	Number of establishments	Wage earners
	STATE OF RHODE ISLAND		
1	Baking powder, yeast, and other leavening compounds	1	
	Canned fish, crustacea, and mollusks	1	
	Cooking and other edible fats and oils, not elsewhere classified	1	
	Flour and other grain-mill products	2	
	Liquors, rectified or blended	1	
	Malt liquors	3	317
	Poultry dressing and packing, wholesale	1	
	Prepared feeds (including mineral) for animals and fowls	1	
	Salad dressings	2	
3	Artificial leather and oilcloth	1	
	Batting, padding, and wadding; upholstery filling	3	270
	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	2	
	Cloth sponging and miscellaneous special finishing	2	
	Cordage and twine	3	84
	Cotton thread	4	2,926
	Felt goods, wool, hair, and jute (except woven felts and hat bodies and hats)	1	
	Hosiery—full-fashioned	2	
	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	1	
	Knitted underwear	1	
	Processed waste and recovered wool fibers—contract factories	1	
	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	3	14
	Rayon throwing and spinning—contract factories	1	
	Rayon yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	4	437
	Silk broad woven goods—contract factories	2	
	Silk broad woven goods—regular factories or jobbers engaging contractors	4	230
	Silk yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	1	
4	Canvas products (except bags)	3	63
	Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors	2	
	Corsets and allied garments	1	
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	6	190
	Handkerchiefs—made in contract factories	1	
	Handkerchiefs—made in inside factories or by jobbers engaging contractors	2	
	House dresses, uniforms, and aprons—made in contract factories	1	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	3	195
	Men's and boys' hats and caps (except felt and straw)	2	
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	1	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	1	
	Millinery	1	
	Raincoats and other waterproof garments (except oiled cotton)	1	
	Robes, lounging garments, and dressing gowns	1	
	Textile bags—not made in textile mills	2	
	Women's and misses' blouses and waists—made in contract factories	1	
	Women's and misses' dresses (except house dresses)—made in contract factories	2	
	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	2	
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	3	36
6	Caskets, coffins, burial cases, and other morticians' goods	2	
	Mirror frames and picture frames	1	
	Partitions, shelving, cabinet work, and office and store fixtures	3	35
	Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets	1	
	Venetian blinds	2	
	Window shades	1	
7	Converted paper products not elsewhere classified	1	
	Die-cut paper and paperboard, and converted cardboard	3	136
	Paper and paperboard mills	1	
8	Books: printing without publishing	7	99
	Books: publishing without printing	1	
	Electrotyping and stereotyping, not done in printing establishments	1	
	STATE OF RHODE ISLAND—Continued		
8	Greeting cards (except hand-painted)	2	
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	2	
	Machine and hand typesetting (including advertisement typesetting)	3	32
	Newspapers: publishing without printing	1	
	Periodicals: publishing and printing	2	
9	Cleaning and polishing preparations, blackings, and dressings	3	68
	Coal-tar products, crude and intermediate	1	
	Drugs and medicines (including drug grinding)	3	15
	Fertilizers	1	
	Grease and tallow (except lubricating greases)	3	27
	Insecticides, fungicides, and related industrial and household chemical compounds	2	
	Lubricating oils and greases—not made in petroleum refineries	1	
	Paints, varnishes, and lacquers	9	125
	Perfumes, cosmetics, and other toilet preparations	1	
	Rayon and allied products	1	
	Soap and glycerin	3	24
10	Oven coke and coke-oven byproducts	1	
	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	2	
	Petroleum refining	2	
11	Rubber boots and shoes (including rubber-soled footwear with fabric uppers)	1	
12	Footwear (except rubber)	1	
	Industrial leather belting and packing leather	3	63
	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	1	
	Suitcases, brief cases, bags, trunks, and other luggage	2	
	Women's pocketbooks, handbags, and purses	2	
13	Abrasive wheels, stones, paper, cloth, and related products	2	
	Brick and hollow structural tile	1	
	Lime	1	
	Mirrors and other glass products made of purchased glass	2	
	Tableware, pressed or blown glass, and glassware not elsewhere classified	1	
14	Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills	2	
	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	3	807
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semi-vitreous china sanitary ware)	2	
	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	4	76
	Files	1	
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	1	
	Heating and cooking apparatus, except electric, not elsewhere classified	1	
	Malleable-iron castings	1	
	Power boilers and associated products	2	
	Saws	1	
	Steel works and rolling mills	1	
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	1	
	Tin cans and other tinware not elsewhere classified	1	
	Wire drawn from purchased rods	1	
15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	1	
	Clocks, watches, and materials and parts (except watchcases)	1	
	Collapsible tubes	1	
	Gold and silver leaf and foil	1	
	Lapidary work	1	
	Lighting fixtures	1	
	Silverware and plated ware	4	896
16	Automotive electrical equipment	1	
	Batteries, storage and primary (dry and wet)	2	
	Electrical products not elsewhere classified	3	426
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	1	
	Radios, radio tubes, and phonographs	2	
	Wiring devices and supplies	2	
	X-ray and therapeutic apparatus and electronic tubes	1	
17	Commercial laundry, dry-cleaning, and pressing machinery	1	

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE PROVIDENCE-FALL RIVER-NEW BEDFORD INDUSTRIAL AREA, AND FOR PROVIDENCE: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	STATE OF RHODE ISLAND—Continued		
17	Machine tools		3,258
	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	3	286
	Mechanical power-transmission equipment	1	
	Metalworking machinery and equipment, not elsewhere classified	2	
	Office and store machines not elsewhere classified	1	
	Special-industry machinery, not elsewhere classified	1	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	5	
19	Boat building and boat repairing	1	
20	Fabricated plastic products, not elsewhere classified	2	
	Feathers, plumes, and artificial flowers	1	
	Musical instruments, parts, and materials not elsewhere classified	1	
	Needles, pins, hooks and eyes, and slide and snap fasteners	2	
	Professional and scientific instruments (except surgical and dental)	2	
	Sporting and athletic goods not elsewhere classified	2	
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	2	
	PROVIDENCE-FALL RIVER-NEW BEDFORD INDUSTRIAL AREA		
1	Baking powder, yeast, and other leavening compounds	1	
	Candy and other confectionery products	6	
	Canned and dried fruits and vegetables (including canned soups)	1	
	Canned fish, crustacea, and mollusks	1	
	Chocolate and cocoa products	1	
	Cooking and other edible fats and oils, not elsewhere classified	1	
	Flour and other grain-mill products	2	
	Food preparations, not elsewhere classified	6	
	Liquors, distilled	1	
	Liquors, rectified or blended	1	
	Pickled fruits and vegetables and vegetable sauces and seasonings	1	
	Prepared feeds (including mineral) for animals and fowls	1	
	Salad dressings	1	
2	Tobacco (chewing and smoking) and snuff	1	
3	Batting, padding, and wadding; upholstery filling	2	
	Cloth sponging and miscellaneous special finishing	1	
	Cordage and twine	5	
	Cotton thread	7	4,680
	Dyeing and finishing woolen and worsted	12	
	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	3	
	Hat bodies and hats, fur-felt	1	
	Hats, straw	2	
	Hatters' fur	1	
	Hosiery—full-fashioned	2	
	Hosiery—seamless	1	
	Knitted cloth	6	155
	Knitted outerwear (except knit gloves)—contract factories	1	
	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	1	
	Knitted underwear	1	
	Processed waste and recovered wool fibers—contract factories	3	95
	Rayon throwing and spinning—contract factories	1	
	Silk broad woven goods—regular factories or jobbers engaging contractors	4	230
	Silk yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	2	
4	Canvas products (except bags)	5	
	Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors	1	
	Children's dresses—made in contract factories	1	
	Children's dresses—made in inside factories or by jobbers engaging contractors	2	
	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	1	
	Corsets and allied garments	1	
	Curtains, draperies, and bedspreads—contract factories	2	
	Embroideries, other than Schiffli-machine products—contract factories	1	
	Handkerchiefs—made in contract factories	1	
	Handkerchiefs—made in inside factories or by jobbers engaging contractors	1	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	6	2,178
	PROVIDENCE-FALL RIVER-NEW BEDFORD INDUSTRIAL AREA—Continued		
4	Housefurnishings (except curtains, draperies, and bedspreads)	3	235
	Men's and boys' hats and caps (except felt and straw)	2	
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in contract factories	1	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	1	
	Millinery	3	69
	Miscellaneous fabricated textile products not elsewhere classified	4	
	Raincoats and other waterproof garments (except oiled cotton)	1	
	Textile bags—not made in textile mills	2	
	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories	1	
	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	1	
	Women's and misses' blouses and waists—made in contract factories	1	
	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors	1	
	Women's and misses' clothing, not elsewhere classified—made in contract factories	5	
	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	1	
6	Caskets, coffins, burial cases, and other morticians' goods	2	
	Cork products	1	
	Mirror frames and picture frames	2	
	Partitions, shelving, cabinet work, and office and store fixtures	3	35
	Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets	1	
	Upholstered household furniture	8	
	Venetian blinds	2	
	Window shades	1	
7	Coated and glazed paper	7	
	Converted paper products not elsewhere classified	1	
	Die-cut paper and paperboard, and converted cardboard	3	136
	Paper and paperboard mills	2	
	Paper bags, except those made in paper mills	1	
8	Books: publishing without printing	1	
	Electrotyping and stereotyping, not done in printing establishments	1	
	Greeting cards (except hand-painted)	2	
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	2	
	Machine and hand typesetting (including advertisement typesetting)	3	32
	Newspapers: publishing without printing	1	
	Periodicals: publishing and printing	2	
9	Cleaning and polishing preparations, blackings, and dressings	3	68
	Coal-tar products, crude and intermediate	1	
	Fertilizers	2	
	Grease and tallow (except lubricating greases)	5	
	Insecticides, fungicides, and related industrial and household chemical compounds	3	15
	Lubricating oils and greases—not made in petroleum refineries	2	
	Perfumes, cosmetics, and other toilet preparations	2	
	Plastic materials	1	
	Rayon and allied products	2	
	Soap and glycerin	4	
10	Oven coke and coke-oven byproducts	1	
	Petroleum refining	2	
11	Rubber boots and shoes (including rubber-soled footwear with fabric uppers)	1	
12	Industrial leather belting and packing leather	5	
	Leather goods not elsewhere classified	2	
	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	1	
	Suitcases, brief cases, bags, trunks, and other luggage	4	223
13	Abrasive wheels, stones, paper, cloth, and related products	3	55
	Brick and hollow structural tile	1	
	Clay products (except pottery), not elsewhere classified	2	
	Clay refractories, including refractory cement (clay)	1	
	Lime	1	
	Mirrors and other glass products made of purchased glass	2	
	Nonclay refractories	1	

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE PROVIDENCE-FALL RIVER-NEW BEDFORD INDUSTRIAL AREA, AND FOR PROVIDENCE: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	PROVIDENCE-FALL RIVER-NEW BEDFORD INDUSTRIAL AREA—Continued		
13	Stationery and art goods (except stone and concrete)—factory production	1	
	Steam and other packing, pipe and boiler covering	1	
	Tableware, pressed or blown glass, and glassware not elsewhere classified	2	
14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	6	
	Cold-rolled steel sheets and strip and cold finished steel bars made in plants not operated in connection with hot-rolling mills	3	219
	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	4	
	Enameled iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	2	
	Enameling, japanning, and lacquering	4	
	Files	1	
	Galvanizing and other coating (carried on in plants not operated in connection with rolling mills	1	
	Hardware not elsewhere classified	6	
	Heating and cooking apparatus, except electric, not elsewhere classified	1	
	Malleable-iron castings	1	
	Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills	2	
	Oil burners, domestic and industrial	7	
	Power boilers and associated products	4	61
	Saws	1	
	Screw-machine products and wood screws	12	
	Stamped and pressed metal products (except automobile stampings)	10	
	Steam fittings, regardless of materials	3	
	Steel works and rolling mills	1	
	Stove, ranges, water heaters, and hot-air furnaces (except electric)	5	745
	Tin cans and other tinware not elsewhere classified	1	
	Tools (except edge tools, machine tools, files, and saws)	12	302
	Wirework not elsewhere classified	7	
15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	1	
	Clocks, watches, and materials and parts (except watchcases	1	
	Collapsible tubes	1	
	Gold and silver leaf and foil	1	
	Lapidary work	1	
	Nonferrous-metal products not elsewhere classified	1	
	Secondary smelting and refining, gold, silver, and platinum	12	
16	Automotive electrical equipment	1	
	Batteries, storage and primary (dry and wet)	2	
	Communication equipment	1	
	Electrical products not elsewhere classified	2	
	Radios, radio tubes, and phonographs	2	
	Wiring devices and supplies	3	749
	X-ray and therapeutic apparatus and electronic tubes	1	
17	Commercial laundry, dry cleaning, and pressing machinery	2	
	Industrial machinery, not elsewhere classified	8	
	Machine tools	3	3,258
	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	3	286
	Mechanical power-transmission equipment	3	80
	Metalworking machinery and equipment, not elsewhere classified	2	
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	1	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	5	
19	Boat building and boat repairing	2	
20	Brushes	8	
	Buttons	1	
	Fabricated plastic products, not elsewhere classified	4	193
	Feathers, plumes, and artificial flowers	1	
	Games and toys (except dolls and children's vehicles)	5	
	Jewelry cases and instrument cases	11	
	Miscellaneous fabricated products not elsewhere classified	15	951
	Musical instruments, parts, and materials not elsewhere classified	1	
	Needles, pins, hooks and eyes, and slide and snap fasteners	1	
	Ophthalmic goods: lenses and fittings	10	753
	Pens, mechanical pencils, and pen points	7	
	Professional and scientific instruments (except surgical and dental)	2	
	Tobacco pipes and cigarette holders	1	

See footnote at end of table.

Group No.[1]	TITLE	Number of establishments	Wage earners
	CITY OF PROVIDENCE		
1	Canned fish, crustacea, and mollusks	1	
	Cooking and other edible fats and oils, not elsewhere classified	1	
	Flavoring extracts and flavoring sirups, not elsewhere classified	3	6
	Food preparations, not elsewhere classified	2	
	Ice, manufactured	5	35
	Liquors, rectified or blended	1	
	Macaroni, spaghetti, vermicelli, and noodles	5	14
	Malt liquors	2	
	Poultry dressing and packing, wholesale	1	
	Salad dressings	1	
2	Cigars	3	
3	Cotton broad woven goods	1	
	Cotton narrow fabrics	4	698
	Cotton thread	1	
	Cotton yarn	1	
	Dyeing and finishing woolen and worsted	1	
	Hosiery—full-fashioned	2	
	Knitted cloth	2	
	Knitted underwear	1	
	Processed waste and recovered wool fibers—contract factories	1	
	Rayon yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	1	
	Silk yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	1	
	Woolen and worsted manufactures—contract factories	2	
4	Canvas products (except bags)	2	
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	3	6
	Handkerchiefs—made in contract factories	1	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	1	
	Men's and boys' hats and caps (except felt and straw)	2	
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	1	
	Millinery	1	
	Textile bags—not made in textile mills	2	
	Women's and misses' dresses (except house dresses)—made in contract factories	1	
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	2	
6	Caskets, coffins, burial cases, and other morticians' goods	2	
	Mirror frames and picture frames	1	
	Partitions, shelving, cabinet work, and office and store fixtures	3	35
	Upholstered household furniture	6	
	Venetian blinds	1	
	Window shades	1	
	Wooden boxes except cigar boxes	2	
7	Converted paper products not elsewhere classified	1	
	Die-cut paper and paperboard, and converted cardboard	1	
8	Books: printing without publishing	7	99
	Books: publishing without printing	1	
	Electrotyping and stereotyping, not done in printing establishments	1	
	Greeting cards (except hand-painted)	2	
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	2	
	Machine and hand typesetting (including advertisement typesetting)	3	33
	Newspapers: publishing and printing	2	
	Periodicals: publishing and printing	2	
9	Chemicals not elsewhere classified	3	33
	Cleaning and polishing preparations, blackings, and dressings	2	
	Drugs and medicines (including drug grinding)	2	
	Insecticides, fungicides, and related industrial and household chemical compounds	1	
	Paints, varnishes, and lacquers	4	102
	Perfumes, cosmetics, and other toilet preparations	1	
10	Oven coke and coke-oven byproducts	1	
	Pretroleum refining	1	
11	Rubber boots and shoes (including rubber-soled footwear with fabric uppers)	1	
	Rubber products not elsewhere classified	4	
12	Boot and shoe cut stock and findings	6	
	Industrial leather belting and packing leather	2	
	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	1	

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE PROVIDENCE-FALL RIVER-NEW BEDFORD INDUSTRIAL AREA, AND FOR PROVIDENCE: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	CITY OF PROVIDENCE—Continued		
12	Suitcases, brief cases, bags, trunks, and other luggage	2	
	Women's pocketbooks, handbags, and purses	2	
13	Abrasive wheels, stones, paper, cloth, and related products	2	
	Mirrors and other glass products made of purchased glass	1	
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	5	45
14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	1	
	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	3	807
	Enameled iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	1	
	Enameling, japanning, and lacquering	3	
	Fabricated structural steel and ornamental metalwork, made in plants not operated in connection with rolling mills	4	76
	Files	1	
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	1	
	Gray-iron and semisteel castings	1	
	Hardware not elsewhere classified	2	
	Heating and cooking apparatus, except electric, not elsewhere classified	1	
	Power boilers and associated products	2	
	Saws	1	
	Steam fittings, regardless of material	2	
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	1	
	Wirework not elsewhere classified	4	
15	Clocks, watches, and materials and parts (except watchcases)	1	
	Collapsible tubes	1	
	Engraving on metal (except for printing purposes)	3	
	Gold and silver leaf and foil	1	
	Lapidary work	1	
	CITY OF PROVIDENCE—Continued		
15	Nonferrous-metal foundries (except aluminum)	2	
	Silverware and plated ware	4	896
16	Automotive electrical equipment	1	
	Batteries, storage and primary (dry and wet)	2	
	Electrical products not elsewhere classified	2	
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	1	
	Insulated wire and cable	2	
	Radios, radio tubes, and phonographs	1	
	Wiring devices and supplies	1	
17	Industrial machinery, not elsewhere classified	3	21
	Machine-shop repairs	3	17
	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	8	282
	Machine tools	1	
	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	3	286
	Mechanical power-transmission equipment	1	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	1	
20	Brooms	2	
	Brushes	1	
	Fabricated plastic products, not elsewhere classified	2	
	Feathers, plumes, and artificial flowers	1	
	Games and toys (except dolls and children's vehicles)	3	
	Miscellaneous fabricated products not elsewhere classified	11	
	Musical instruments, parts, and materials not elsewhere classified	1	
	Needles, pins, hooks and eyes, and slide and snap fasteners	1	
	Ophthalmic goods: lenses and fittings	5	
	Pens, mechanical pencils, and pen points	6	
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	1	

[1] For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and of industry groups, sec. 27.

SOUTH CAROLINA

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939

KEY TO PLACES

ANDERSON	4
CHARLESTON	10
COLUMBIA	6
FLORENCE	7
GREENVILLE	3
GREENWOOD	5
ORANGEBURG	9
ROCK HILL	1
SPARTANBURG	2
SUMTER	8

Prepared by the Bureau of the Census, Department of Commerce

SOUTH CAROLINA

Table 1.—SUMMARY FOR THE STATE: 1939, 1937, AND 1929

Census year	Number of establishments	Proprietors and firm members	Number of persons employed in manufacturing [1]	Salaries and wages [1]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2]	Value of products [2]	Value added by manufacture [3]
1939	1,331	776	133,179	$99,818,761	$227,666,244	$397,512,863	$169,846,619
1937	1,193	620	135,182	103,632,958	234,433,365	409,911,517	175,478,152
1929	1,630	1,110	111,625	82,898,806	223,594,468	378,786,422	155,191,954

[1] Figure for 1939 does not include data for employees of manufacturing establishments (except salaried officers of corporations) who were engaged in distribution, construction, and other nonmanufacturing work. For detail, see table 8. It is not known to what extent data for such nonmanufacturing employees were included in figures reported for earlier years. See General Explanations—Persons engaged—general classification.

[2] The aggregates for cost of materials, etc., and value of products include large amounts of duplication due to the use of the products of some industries as materials by others. See General Explanations—Duplication in cost of materials and value of products.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See General Explanations—Value added by manufacture.

Table 2.—SUMMARY FOR COUNTIES AND PLACES: 1939

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
The State	1,899,804	[5] 1,331	126,983	$86,616,242	$227,666,244	$397,512,863	$169,846,619
COUNTIES [5]							
Abbeville [6]	22,931	7	1,450	-	-	-	-
Aiken [6]	49,916	25	4,831	-	-	-	-
Allendale	13,040	7	92	51,918	107,834	287,431	179,597
Anderson	88,712	51	9,980	6,486,252	16,948,590	28,689,085	11,740,495
Bamberg	18,643	10	433	249,742	464,750	930,939	466,189
Barnwell	20,138	12	457	198,400	442,824	1,214,557	771,733
Beaufort	22,037	12	350	74,309	276,552	464,827	188,275
Berkeley	27,128	12	653	352,568	536,008	1,276,866	740,858
Calhoun	16,229	16	171	68,195	299,512	518,968	219,456
Charleston	121,105	92	5,383	3,581,719	16,594,471	27,098,293	10,503,822
Cherokee	33,290	30	3,391	2,088,987	4,123,690	8,098,997	3,975,307
Chester	32,579	16	3,588	2,463,160	5,628,713	9,523,520	3,894,807
Chesterfield	35,963	25	778	383,810	1,300,421	2,289,339	988,918
Clarendon	31,500	9	456	245,020	197,058	715,672	518,614
Colleton	26,268	24	383	171,163	498,319	888,742	390,423
Darlington	45,198	34	2,999	2,152,123	5,460,618	11,333,025	5,872,407
Dillon	29,625	15	635	316,720	1,048,178	1,623,021	574,843
Dorchester	19,928	12	505	278,304	493,923	1,099,230	605,307
Edgefield	17,894	11	295	193,648	477,803	902,045	424,242
Fairfield [6]	24,187	24	2,056	-	-	-	-
Florence	70,582	44	726	461,190	1,415,849	3,120,664	1,704,815
Georgetown [6]	26,352	19	1,240	-	-	-	-
Greenville	136,580	118	18,231	13,856,596	40,190,358	65,138,127	24,947,769
Greenwood	40,083	39	6,723	4,951,185	13,211,340	20,697,148	7,485,808
Hampton	17,465	16	553	273,043	349,309	854,406	505,097
Horry	51,951	23	824	469,081	617,729	1,560,308	942,579
Jasper	11,011	10	796	443,797	455,749	1,150,880	695,131
Kershaw	32,913	28	757	446,222	1,222,967	2,086,567	863,600
Lancaster	33,542	19	4,092	2,640,550	6,322,960	10,999,966	4,677,006
Laurens	44,185	21	5,182	3,817,899	9,388,374	16,095,021	6,706,647
Lee	24,908	11	99	43,780	474,932	603,806	128,874
Lexington	35,994	40	1,377	783,093	2,019,019	3,753,303	1,734,284
McCormick [6]	10,367	9	154	-	-	-	-
Marion	30,107	21	1,393	795,300	1,331,990	3,111,803	1,779,813
Marlboro	33,281	30	758	387,946	830,688	1,547,433	716,745
Newberry	33,577	29	3,111	2,166,304	4,197,271	8,443,386	4,246,115
Oconee	36,512	23	1,787	1,156,666	2,830,309	4,896,558	2,066,249
Orangeburg	63,707	41	1,398	812,495	2,547,538	4,541,354	1,993,816

See footnotes at end of table.

TABLE 2.—SUMMARY FOR COUNTIES AND PLACES: 1939—Continued

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
COUNTIES [5]—continued							
Pickens	37,111	21	2,935	$1,902,891	$3,649,224	$6,732,515	$3,083,291
Richland	104,843	92	4,100	2,889,936	8,402,169	15,634,278	7,232,109
Saluda	17,192	14	241	89,147	170,507	353,496	182,989
Spartanburg	127,733	104	17,536	12,208,485	28,638,493	51,717,410	23,078,917
Sumter	52,463	40	2,954	1,642,599	3,823,703	6,918,162	3,094,459
Union	31,360	21	3,670	2,469,862	5,418,544	8,923,180	3,504,636
Williamsburg	41,011	11	465	262,198	367,889	823,617	455,728
York	58,663	43	6,994	5,008,024	12,871,916	24,529,462	11,657,546
Undistributed [7]		84	9,731	7,281,915	22,018,153	36,325,456	14,307,303
PLACES HAVING 10,000 OR MORE INHABITANTS							
Anderson	19,424	22	1,310	882,818	1,934,422	3,852,272	1,917,850
Charleston	71,275	60	3,030	1,911,443	6,446,439	11,674,906	5,228,467
Columbia	62,396	68	3,591	2,612,890	6,550,944	12,812,047	6,261,103
Florence	16,054	17	349	297,140	870,710	2,019,351	1,148,641
Greenville	34,734	69	2,858	2,000,521	8,027,751	14,595,881	6,568,130
Greenwood	13,020	15	1,610	1,221,661	2,818,881	4,760,211	1,941,330
Orangeburg	10,521	15	551	328,293	1,026,152	1,859,976	833,824
Rock Hill	15,009	23	2,936	2,376,519	5,512,728	11,077,182	5,564,454
Spartanburg	32,249	43	2,648	1,845,492	4,724,176	9,144,586	4,420,410
Sumter	15,874	29	1,245	734,229	2,228,199	4,150,289	1,922,090

[1] Not including salaried officers and employees nor nonmanufacturing wage earners. The figure for each county or place is an average of the numbers reported for the several months of the year. In calculating it, equal weight must be given to full-time and to part-time wage earners (not reported separately by the manufacturers), and for this reason it exceeds the number that would have been required to perform the work done in the industries if all wage earners had been continuously employed throughout the year. The quotient obtained by dividing the amount of wages by the average number of wage earners cannot, therefore, be accepted as representing the average wage received by full-time wage earners. Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several counties do not add exactly to the average for the State. In making comparisons between the figures for 1939 and those for earlier years, the possibility that the proportion of part-time employment varied from year to year should be taken into account.

[2] Profits and losses cannot be calculated from the census figures because no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, and advertising.

[3] See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

[5] For numbers of establishments by "Industry groups," see table 9.

[6] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Undistributed" figures.

[7] The "Undistributed" figure for number of establishments and a part of the "Undistributed" figure for number of wage earners are included above in the items for the respective counties. The sums of the figures in these two columns are, therefore, larger than the corresponding State totals

TABLE 3.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, BY SEX: 1939 AND 1929

[The 1939 questionnaire, for the first time, called for data on the *total* number of employees in manufacturing establishments, including those engaged wholly or chiefly in distribution, construction, and other nonmanufacturing activities. It is not known to what extent data for such employees were included in the figures reported for earlier years. This table presents detailed figures for employees receiving pay at any time within the *normal* pay-roll period ended nearest Oct. 14, 1939, and for such employees on the pay roll on Dec. 14, 1929, or on the nearest *representative* date. The total for "Wage earners engaged in manufacturing" is not identical with the average for the year (given in other tables), and differs from the number reported for October 1939, or for December 1929, because for both years some manufacturers gave wage-earner figures for months other than those specified. See GENERAL EXPLANATIONS—Persons engaged—general classification]

CLASS AND SEX	1939 (Oct. 14) [1]	1929 (Dec. 14) [1]
All classes, aggregate [2]	144,289	111,533
Male	102,238	82,298
Female	42,051	29,235
Salaried officers and employees, total	9,730	4,928
Male	8,136	4,288
Female	1,594	640
Salaried officers of corporations, total	957	946
Male	889	907
Female	68	39
All other employees (except wage earners in manufacturing), total	8,773	3,982
Male	7,247	3,381
Female	1,526	601
Salaried officers and employees—Continued.		
All other employees, etc.—Continued.		
Engaged in manufacturing:		
Male	4,152	(3)
Female	1,087	
Engaged in distribution:		
Male	2,234	
Female	380	
Engaged in construction:		
Male	687	
Engaged in other work:		
Male	174	
Female	59	
Wage earners engaged in manufacturing, total	134,559	106,605
Male	94,102	78,010
Female	40,457	28,595

[1] See headnote.

[2] Figures do not include data for 776 proprietors and firm members for 1939 and 1,110 for 1929, which were not reported by sex for 1939.

[3] No data.

Table 4.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS: 1939, 1937, AND 1929

[The figures for 1939 relate to wage earners engaged in manufacturing only. It is not known to what extent the figures for earlier years include data for nonmanufacturing wage earners. See headnote to table 3]

Census year	Average number employed during year	Number receiving pay during normal pay-roll period ended nearest 15th of month											
		January	February	March	April	May	June	July	August	September	October	November	December
1939	126,983	123,440	126,102	127,442	126,920	123,148	123,694	124,366	126,378	126,187	132,081	132,318	131,225
1937	129,718	122,610	127,212	130,778	132,627	130,709	130,470	131,928	132,753	131,666	130,669	127,638	124,918
1929	106,697	106,071	107,217	109,515	105,338	105,813	106,326	105,559	106,643	107,360	107,442	107,503	104,976

See GENERAL EXPLANATIONS: Wage earners and wages.

Table 5.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY NUMBER OF WAGE EARNERS: 1939 AND 1929

Size class	Number of establishments		Wage earners (average for year) [1]		Value of products	Value added by manufacture [2]
	1939	1929	1939	1929	1939	1939
All establishments	1,331	1,630	126,983	106,697	$397,512,863	$169,846,619
No wage earners	19	10			325,218	157,736
1 to 5	439	824	1,221	4,108	10,806,370	5,440,536
6 to 20	388	329	4,337	3,902	20,828,280	9,398,503
21 to 50	169	177	5,462	5,648	24,535,584	9,924,673
51 to 100	78	79	5,516	5,549	20,842,959	9,684,503
101 to 250	87	83	15,053	14,093	48,502,001	20,102,259
251 to 500	77	78	26,845	28,122	70,360,653	30,105,777
501 to 1,000	55	38	39,094	28,277	112,424,790	47,496,183
1,001 to 2,500	17	[3] 12	29,455	16,998	88,887,008	37,536,449
2,501 or more	2					

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS: Value added by manufacture.
[3] Combined to avoid disclosing data for individual establishments.

Table 6.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY VALUE OF PRODUCTS: 1939 AND 1929

Size class	Number of establishments		Wage earners (average for year) [1]		Value of products		Value added by manufacture [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
All establishments	1,331	1,630	126,983	106,697	$397,512,863	$378,786,422	$169,846,619	$155,191,954
$5,000 to $19,999	460	779	2,313	4,476	5,002,642	7,407,309	2,934,940	4,952,721
$20,000 to $49,999	253	258	2,702	3,236	8,304,113	8,086,043	4,204,333	4,817,314
$50,000 to $99,999	161	152	3,290	2,859	11,191,726	10,558,736	5,919,148	5,441,442
$100,000 to $249,999	169	156	7,380	6,394	27,307,269	24,640,469	11,787,192	11,397,249
$250,000 to $499,999	102	98	11,033	8,843	36,180,671	34,021,206	15,895,211	15,034,396
$500,000 to $999,999	68	81	17,934	17,074	48,082,886	57,066,779	22,494,058	24,207,674
$1,000,000 to $2,499,999	92	75	49,850	33,604	143,598,796	115,433,744	57,929,111	45,596,273
$2,500,000 to $4,999,999	19	25	19,398	22,213	65,267,196	81,336,324	28,465,043	33,742,609
$5,000,000 and over	7	6	13,083	7,998	52,577,564	40,235,812	20,217,583	10,002,366

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS: Value added by manufacture.

TABLE 7.—ESTABLISHMENTS CLASSIFIED AS UNDER CORPORATE OR OTHER FORM OF OWNERSHIP (OR CONTROL) AND AS UNDER CENTRAL-ADMINISTRATIVE-OFFICE OR INDEPENDENT OPERATION: 1939 AND 1929

TYPE OF OWNERSHIP OR CONTROL, AND OF OPERATION	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
Total	1,331	1,630	126,983	106,697	$397,512,863	$378,786,422	$169,846,619	$155,191,954
TYPE OF OPERATION								
1939 [3]								
Corporate ownership or control:								
Central-administrative-office (plural-unit)	348	(3)	73,455	(3)	233,477,897	(3)	97,126,684	(3)
Independent (single-unit)	396	(3)	43,311	(3)	136,178,670	(3)	59,435,815	(3)
Noncorporate ownership:								
Central-administrative-office (plural-unit)	70	(3)	4,200	(3)	10,079,537	(3)	4,704,587	(3)
Independent (single-unit)	517	(3)	6,017	(3)	17,776,759	(3)	8,579,533	(3)
1939 AND 1929 [3]								
Central-administrative-office (plural-unit), corporate and noncorporate	418	249	77,655	45,309	243,557,434	176,593,312	101,831,271	66,494,734
Independent (single-unit), corporate and noncorporate	913	1,381	49,328	61,388	153,955,429	202,193,110	68,015,348	88,697,220
TYPE OF OWNERSHIP OR CONTROL								
Corporate	744	693	116,766	97,102	369,656,567	354,627,883	156,562,499	142,168,807
Noncorporate, total	587	937	10,217	9,595	27,856,296	24,158,539	13,284,120	13,023,147
Individual	417	(4)	5,383	(4)	14,485,571	(4)	7,141,421	(4)
Partnership	166	(4)	2,909	(4)	9,401,197	(4)	4,339,007	(4)
Cooperative	2	[5]	1,925		3,969,528		1,803,692	
Other	2	[5]						

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Because of changes in the questionnaire, no comparable figures for 1929 can be given for the first section of this table. For this reason, the items have been regrouped under "1939 and 1929" to present comparable figures so far as this can be done.
[4] No data.
[5] Figures for 1939 combined to avoid disclosing data for individual establishments; no data for 1929.

TABLE 8. GENERAL STATISTICS FOR

[This table presents separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establish figures are given, however, reported larger numbers of wage earners

	Industry group	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1]						
					Total [4]	Salaried officers of corporations [2]	Manufacturing		Distribution	Construction	Other
							Salaried employees [4]	Wage earners (average for year) [3]			
1		All industries, total	1,331	776	136,713	957	5,239	126,983	2,614	687	233
2	6	Baskets for fruits and vegetables	5	5	324	2	10	298	14		
3	3	Batting, padding, and wadding, upholstery filling	3	2	21	2	2	17			
4	1	Bleached and prepared flour made from purchased flour	5	3	43	1	9	31	2		
5	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	39	26	1,266	8	80	1,040	109	7	22
6	13	Brick and hollow structural tile	15	13	882	9	32	801	30	9	1
7	1	Candy and other confectionery products	4	5	121	1	8	86	26		
8	1	Canned and dried fruits and vegetables (including canned soups)	12	16	205	2	19	184			
9	1	Canned fish, crustacea, and mollusks	6	12	551	5	18	527	1		
10	6	Caskets, coffins, burial cases, and other morticians' goods	7	5	187	2	20	147	17		1
11	9	Chemicals not elsewhere classified	5		116	1	11	99	1	4	
12	13	Concrete products	12	7	197	6	10	164	16	1	
13	6	Cooperage	3	1	16		1	15			
14	3	Cotton broad woven goods	140		72,818	228	1,866	70,336	58	211	119
15	9	Cottonseed oil, cake, meal, and linters	30	6	1,020	36	124	816	42		2
16	3	Cotton yarn	18		4,448	28	117	4,298			5
17	1	Creamery butter	3	5	11	1	3	6	1		
18	4	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	3		409	7	10	313	79		
19	9	Drugs and medicines (including drug grinding)	3	2	25	3	5	7	10		
20	3	Dyeing and finishing cotton, rayon, silk, and linen textiles	10		6,703	20	418	5,941	250	74	
21	9	Fertilizers	76	35	1,931	39	154	1,565	125	47	1
22	1	Flour and other grain-mill products	17	15	115	5	15	72	8	13	2
23	8	General commercial job printing	39	30	335	20	52	240	23		
24	14	Gray-iron and semisteel castings	9	9	172	5	14	148	5		
25	9	Gum naval stores (processing but not gathering or warehousing)	32	30	61	5	29	27			
26	3	Hosiery—full-fashioned	3	1	577	4	20	552			1
27	3	Hosiery—seamless	6	2	604	4	20	580			
28	6	Household furniture except upholstered	11	1	1,557	18	55	1,445	9	30	
29	1	Ice cream and ices	11	3	209	7	24	70	95	5	8
30	1	Ice, manufactured	88	38	805	43	68	243	430	20	1
31	12	Industrial leather belting and packing leather	3	2	17	2	5	8	2		
32	5	Logging camps and logging contractors (not operating sawmills)	11	10	464		7	457			
33	17	Machine-shop products not elsewhere classified	6	4	123	5	8	106	4		
34	17	Machine-shop repairs	10	11	68		5	61	2		
35	6	Mattresses and bedsprings	15	19	126	1	11	93	21		
36	1	Meat packing, wholesale	6	4	472	8	49	321	83	11	
37	4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	3		831	4	33	729	63		2
38	13	Minerals and earths, ground or otherwise treated	4	1	125	4	10	111			
39	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	11	15	157	6	13	120	18		
40	8	Newspapers, publishing and printing	53	36	987	40	282	489	176		
41	8	Newspapers, publishing without printing	4		14	5	9				
42	1	Nonalcoholic beverages	77	42	996	105	89	359	423	6	14
43	9	Paints, varnishes, and lacquers	5	5	58	2	5	32	19		
44	7	Paper and paperboard mills	4		1,154	3	119	928	2	102	
45	7	Paperboard containers and boxes not elsewhere classified	3	1	49	1	10	36	2		
46	8	Photoengraving, not done in printing establishments (including preparation of plates)	3	1	15	4	1	8	2		
47	5	Planing mills not operated in conjunction with sawmills	54	43	1,096	37	94	894	60	2	9
48	5	Plywood mills	7	1	786	9	35	736	2	4	
49	1	Prepared feeds (including mineral) for animals and fowls	10	8	144	5	15	116	8		
50	7	Pulp mills	3		604		31	573			
51	3	Rayon broad woven goods—regular factories or jobbers engaging contractors	14		11,964	18	251	11,661	27		7
52	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	8	2	61		5	56			
53	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	276	225	10,402	85	419	9,680	186	26	6
54	13	Sheet-metal work not specifically classified	3	4	31		3	28			
55	9	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	5	2	23	4	4	10	5		
56	17	Textile machinery	9	7	530	12	27	476	11	3	1
57	6	Upholstered household furniture	3	1	143	2	8	129	4		
58	6	Wooden boxes (except cigar boxes)	8	7	762	7	33	720	2		
59	6	Wood preserving	3		563		36	428	6	93	
60	6	Wood products not elsewhere classified	6	7	51	3	5	41	2		

See footnotes at end of table.

THE STATE, BY INDUSTRIES: 1939

ments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined or larger values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
		Manufacturing												
Total [2]	Salaries of officers of corporations [2]	Salaries [2]	Wages	Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
103,572,611	4,300,571	8,901,948	86,616,242	2,963,301	560,870	229,679	227,666,244	212,960,067	5,704,252	8,197,338	804,587	397,512,863	169,846,619	1
150,965	3,000	13,000	129,685	5,280	----	----	310,994	308,299	762	683	1,250	549,747	238,753	2
(5)	(5)	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	3
31,303	3,000	7,779	15,358	4,992	174	----	548,509	546,548	----	1,961	----	624,889	76,380	4
1,317,011	15,798	135,304	1,032,906	112,340	7,895	12,768	2,662,131	2,557,254	62,244	42,633	----	5,873,690	3,211,559	5
528,377	31,700	64,890	388,994	35,227	6,116	1,450	472,068	95,773	301,886	65,409	9,000	1,379,984	907,916	6
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	7
46,816	1,800	9,115	35,901	----	----	----	184,939	180,309	3,420	1,142	68	289,512	104,573	8
141,278	13,273	18,711	108,219	1,075	----	----	371,363	357,590	10,700	3,073	----	624,408	253,045	9
157,274	7,200	27,378	97,627	24,444	----	625	223,613	217,856	891	4,866	----	479,149	255,536	10
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	11
160,201	14,381	21,794	103,484	19,242	1,300	----	614,104	605,975	4,056	4,073	----	1,189,892	575,788	12
3,113	----	100	3,013	----	----	----	15,054	15,019	17	18	----	23,103	8,049	13
53,171,339	1,307,879	3,413,327	48,065,655	60,201	179,702	144,575	100,351,070	92,298,751	2,667,842	5,375,017	9,460	178,293,623	77,942,553	14
731,937	103,190	186,661	394,858	46,177	----	1,051	6,350,201	6,115,173	64,439	170,429	160	7,586,278	1,236,077	15
3,199,640	77,712	194,600	2,922,740	----	----	4,588	9,302,526	8,743,130	21,364	538,032	----	14,234,824	4,932,298	16
9,744	1,980	3,453	3,999	312	----	----	108,670	106,013	834	1,823	----	129,746	21,076	17
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	18
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	19
6,853,828	234,862	850,858	5,264,967	347,449	155,692	----	11,356,366	10,252,495	958,887	144,984	----	22,283,260	10,926,894	20
1,232,183	129,369	193,368	758,973	132,619	17,529	325	8,692,577	8,588,660	5,637	97,460	820	11,702,227	3,009,650	21
92,622	7,480	18,366	51,743	9,466	4,175	1,392	710,732	688,239	2,374	20,119	----	911,904	201,172	22
416,824	62,276	72,656	248,928	32,964	----	----	355,008	322,125	3,351	14,290	15,242	1,019,233	664,225	23
162,931	9,326	18,588	126,070	8,947	----	----	85,188	72,036	10,466	2,686	----	331,719	246,531	24
27,880	9,600	10,330	7,798	----	152	----	248,491	245,089	3,196	163	43	379,117	130,626	25
(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	26
411,531	11,537	22,209	377,785	----	----	----	584,204	567,343	9,289	7,572	----	1,128,009	543,805	27
975,370	82,983	71,699	804,216	8,672	7,800	----	1,619,264	1,578,721	1,358	39,185	----	2,879,231	1,259,967	28
206,135	28,700	35,757	43,760	88,796	3,684	5,438	572,990	536,814	5,932	30,244	----	1,204,583	631,593	29
673,164	103,824	88,429	184,497	276,991	18,714	709	392,434	107,172	37,777	247,485	----	1,801,219	1,408,785	30
28,959	5,989	8,706	9,069	5,195	----	----	66,604	65,727	408	469	----	178,906	112,302	31
245,733	----	11,703	234,030	----	----	----	222,016	208,874	1,554	----	11,588	519,476	297,460	32
111,079	4,420	20,902	79,817	5,940	----	----	134,694	128,092	3,457	3,145	----	308,166	173,472	33
67,807	----	5,009	60,472	2,326	----	----	50,392	46,459	499	3,434	----	183,023	132,631	34
92,479	1,040	11,763	64,505	15,171	----	----	277,973	274,476	867	2,630	----	445,748	167,775	35
444,810	71,050	58,861	186,822	113,909	14,168	----	3,084,240	3,044,596	11,950	27,694	----	3,949,862	865,622	36
514,240	20,479	55,913	357,809	79,279	----	760	915,578	840,466	2,317	7,064	65,731	1,729,640	814,062	37
76,319	9,947	13,883	52,489	----	----	----	57,513	38,666	7,820	11,027	----	242,685	185,172	38
166,170	24,096	24,448	109,271	8,355	----	----	152,428	139,645	1,444	11,339	----	435,754	283,326	39
1,534,286	192,003	468,101	652,835	221,347	----	----	852,267	718,204	8,077	42,408	83,578	3,667,993	2,815,726	40
11,687	6,110	5,577	----	----	----	----	24,210	----	----	----	24,210	51,521	27,311	41
1,318,727	399,893	134,438	262,725	499,644	7,682	14,345	3,043,552	2,968,513	29,864	45,175	----	7,279,021	4,235,469	42
74,239	12,800	11,115	23,709	26,615	----	----	292,261	289,086	410	2,765	----	432,725	140,464	43
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	44
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	45
27,526	8,640	1,000	15,164	2,722	----	----	5,145	4,255	60	780	50	49,062	43,917	46
844,989	113,052	117,738	537,360	71,691	1,480	3,668	2,946,468	2,876,121	5,176	22,875	42,296	4,449,358	1,502,890	47
553,284	46,040	61,582	434,318	6,928	4,416	----	547,602	503,933	3,007	40,662	----	1,630,450	1,082,848	48
114,304	17,390	18,730	58,184	20,000	----	----	798,591	782,687	2,471	13,433	----	1,145,529	346,938	49
(5)	----	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	50
9,472,644	258,169	461,563	8,682,182	64,278	----	6,452	29,793,693	28,791,698	140,566	718,670	142,759	43,603,831	13,810,138	51
(5)	----	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	52
6,070,982	307,534	603,667	4,946,082	183,906	25,988	3,805	6,537,246	6,041,689	123,899	44,337	327,321	16,567,191	10,029,945	53
25,133	----	3,227	21,906	----	----	----	81,293	80,364	----	929	----	148,367	67,074	54
32,534	13,000	4,947	5,529	9,058	----	----	166,101	164,257	1,217	627	----	241,523	75,422	55
521,956	68,478	49,754	369,178	30,759	3,619	168	601,249	571,910	14,507	14,832	----	1,558,177	956,928	56
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	57
410,516	34,200	47,916	327,116	1,284	----	----	497,741	481,772	2,400	13,569	----	1,229,138	731,397	58
(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	59
43,551	5,955	6,797	27,248	3,551	----	----	41,433	38,612	461	2,360	----	129,524	88,091	60

TABLE 8.—GENERAL STATISTICS FOR

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
1		Other industries [4]	134	60	12,008	97	668	10,730	263	218	32
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [4]									
2	1	Food and kindred products	10	8	366	3	31	294	38	.	....
3	3	Textile-mill products and other fiber manufactures	17	7	2,033	17	63	1,940	5	....	8
4	4	Apparel and other finished products made from fabrics and similar materials	20	8	2,339	25	92	2,101	115	2	4
5	6	Furniture and finished lumber products	9	2	973	2	52	816	10	93	....
6	7	Paper and allied products	13	1	2,809	9	237	2,433	28	102	....
7	8	Printing, publishing, and allied industries	9	2	154	11	20	100	23	.	....
8	9	Chemicals and allied products	12	7	152	7	18	112	11	4	..
9	14	Iron and steel and their products, except machinery	6	5	87	6	7	66	8	.	....
10	17	Machinery (except electrical)	4	5	63	2	4	56	....	.	1
11	20	Miscellaneous industries	6	7	81	.	9	72	....	....	.
12	2	Tobacco manufactures	1	8	2,951	15	135	2,740	25	17	19
	10	Products of petroleum and coal	3								
	11	Rubber products	2								
	13	Stone, clay, and glass products	7								
	15	Nonferrous metals and their products	1								
	18	Automobiles and automobile equipment	2								
	19	Transportation equipment, except automobiles	3								

*As the figures for number of establishments and for personnel for the industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.

[2] Figures do not include data for personnel of central-administrative offices.

[3] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

THE STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [3]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
10,067,191	419,416	1,216,236	7,927,246	376,149	100,584	27,560	30,343,458	28,753,581	1,165,099	353,767	71,011	52,416,846	22,073,388	1
260,637	4,555	41,714	174,365	40,003	----------	----------	1,827,570	1,767,912	43,830	15,828	----------	2,751,885	924,315	2
1,558,673	79,390	123,795	1,340,341	10,539	----------	4,608	3,463,006	3,317,753	48,984	79,265	17,004	6,221,336	2,758,330	3
1,420,489	65,600	115,231	1,135,761	99,179	1,820	2,898	3,832,673	3,804,193	8,562	11,913	8,005	5,741,758	1,909,085	4
613,207	7,200	87,274	473,592	16,400	28,741	----------	3,035,237	2,935,183	72,181	27,873	----------	4,347,070	1,311,833	5
3,094,299	53,225	485,089	2,434,165	94,917	26,903	----------	11,152,462	10,358,559	712,478	81,335	90	19,923,631	8,771,169	6
246,085	52,349	25,486	140,670	27,580	----------	----------	129,563	93,637	1,723	3,326	30,877	461,969	332,406	7
142,509	7,720	30,862	60,559	18,180	25,188	----------	603,420	587,227	4,854	11,339	----------	975,956	372,536	8
113,396	35,027	9,576	56,793	12,000	----------	----------	319,757	301,254	590	3,178	14,735	512,109	192,352	9
68,201	7,200	4,196	55,869	----------	----------	936	53,991	49,322	1,081	3,588	----------	150,340	96,349	10
47,953	----------	8,404	39,549	----------	----------	----------	139,761	133,672	2,604	3,485	----------	237,493	97,732	11
2,501,742	107,150	284,609	2,015,582	57,351	17,932	19,118	5,786,018	5,404,869	268,212	112,637	300	11,093,299	5,307,281	12

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[6] For numbers of establishments and of wage earners in individual industries, see table 10.

TABLE 9.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939

County	Total	INDUSTRY GROUP																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
The State	1,331	293	1	205	23	348	64	13	108	160	3	2	3	49	15	4	....	29	2	3	6
[illegible]	7	1		2	1	1			2												
[illegible]	25	3		6		7			2	2				5							
[illegible]	7	3				2	1			1											
[illegible]	51	13		20	1	2	1		5	5					1			2			1
[illegible]	10	3		1		3	1		1	1											
Barnwell	12	1				2	2		1	6											
Beaufort	12	9				1	1			1											
Berkeley	12					11				1											
[illegible]	16	4				7	1			3				1							
Charleston	92	31	1	1	1	6	8	2	9	18	2	1		2	1	1		4		3	1
Cherokee	30	6		10	1	3	2		2	2				3	1						
Chester	16	3		7		1	1		2	2											
Chesterfield	25	4		3		12	2		2	2											
Clarendon	9	2				5			1	1											
Colleton	24	3				10			1	8				2							
Darlington	34	4		4		9	3	5	3	4				2							
Dillon	15	3		3		4			2	3											
Dorchester	12	3				5			1	2				1							
Edgefield	11	1		1		8			1												
Fairfield	24	1		1		17			1	1				3							
Florence	44	13		1		16	4		3	5				1				1			
Georgetown	19	5				10		2	1	1											
Greenville	118	28		31	8	3	5	2	12	11		1	2	2	2			10			1
Greenwood	39	13		7	4	6			1	4				3				1			
Hampton	16	2				4	1			9											
Horry	23	2				16	2		3												
Jasper	10	1				7				2											
Kershaw	28	3		2		18			1	3											1
Lancaster	19	2		3		6	1		1	5				1							
Laurens	21	5		6		4			2	3				1							
Lee	11	2				6			1	2											
Lexington	40	8		3		10	7			9				1	2						
McCormick	9					9															
Marion	21	4				9	1		2	2				2		1					
Marlboro	30	6		7		9	1		2	3				2							
Newberry	29	9		4		14			1	1											
Oconee	23	3		5		7	1		3	4											
Orangeburg	41	11		2		19	2		2	4				1							
Pickens	21	5		9		3			2	1				1							
Richland	92	28		4	1	14	4		18	8	1			9	2			2			1
Saluda	14	1			1	12															
Spartanburg	104	17		34	1	7	5	2	8	13			1	4	3	2		6			1
Sumter	40	8		2	3	10	5		3	4				1				3	1		
Union	21	5		8		4	1		1	1					1						
Williamsburg	11	2				7			1	1											
York	43	12		18	1	2	1		4	1				1	2				1		

TABLE 10.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE: 1939

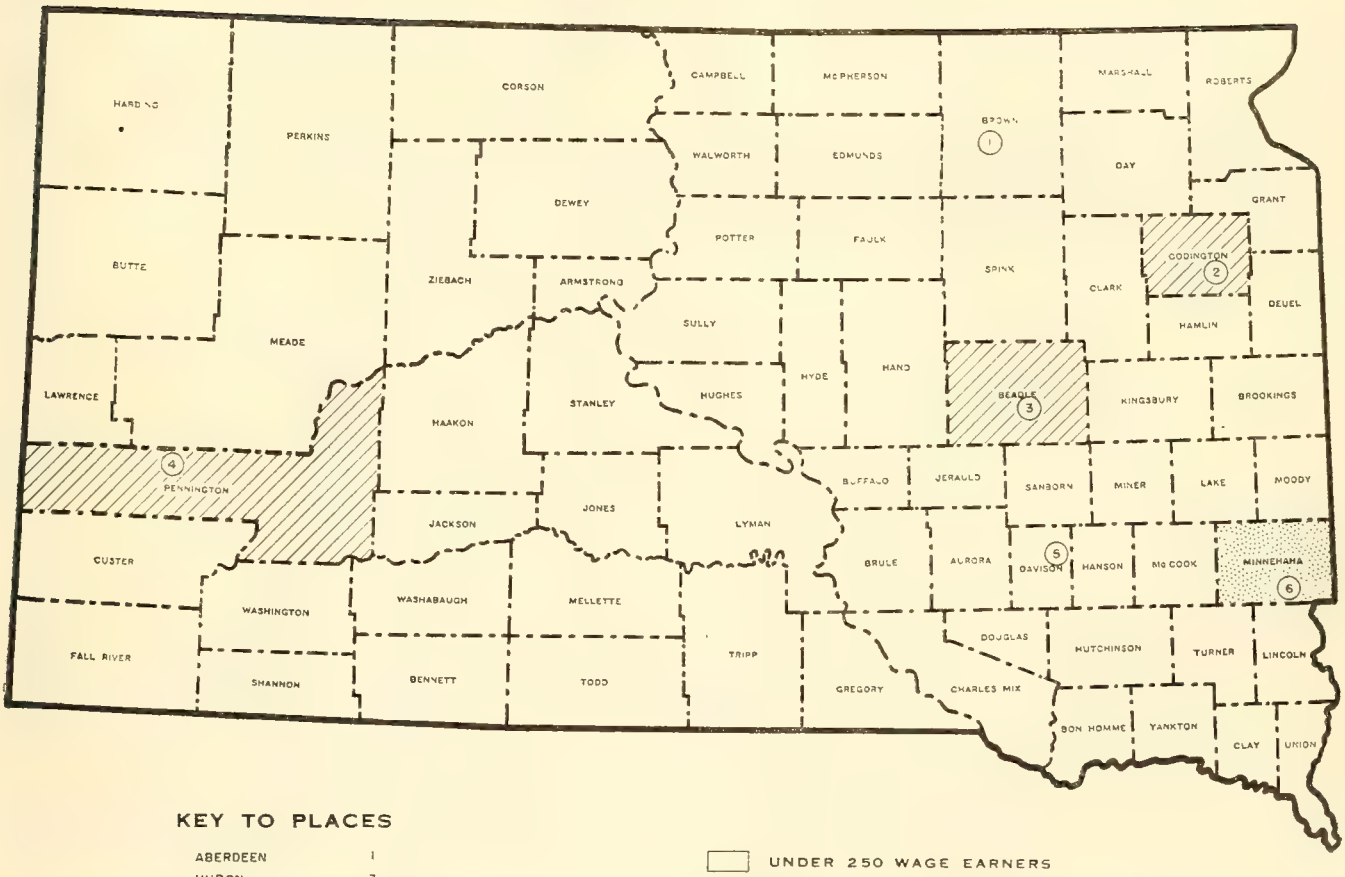
[In order to avoid disclosing data for individual establishments, wage-earner figures for industries represented by fewer than three establishments are withheld]

Group No.[1]	TITLE	Number of establishments	Wage earners
	STATE OF SOUTH CAROLINA		
1	Biscuit, crackers, and pretzels	2	
	Candy and other confectionery products	4	86
	Cheese	1	
	Custom slaughtering, wholesale	1	
	Food preparations, not elsewhere classified	1	
	Pickled fruits and vegetable sauces and seasonings	1	
	Salad dressings	1	
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	8	56
2	Cigars	1	
3	Batting, padding, and wadding; upholstery filling	3	17
	Cordage and twine	1	
	Cotton narrow fabrics	1	
	Hosiery—full-fashioned	3	552
	Jute goods (except felt)	1	
	Knitted cloth	1	
	Processed waste and recovered wool fibers—contract factories	1	
	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	2	
	Rayon narrow fabrics	1	
	Silk throwing and spinning—contract factories	1	
	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	2	
4	Canvas products (except bags)	1	
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	3	313
	Handkerchiefs—made in inside factories or by jobbers engaging contractors	2	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors)	2	
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in contract factories	2	
	Men's and boys' underwear—made in inside factories or by jobbers engaging contractors	2	
	Miscellaneous fabricated textile products not elsewhere classified	2	
	Textile bags—not made in textile mills	1	
	Trousers (semidress), wash suits, and washable service apparel	1	
	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics	2	
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	1	
	Work gloves and mittens: cloth, cloth and leather combined	1	
6	Cigar boxes: wooden, part wooden	1	
	Upholstered household furniture	3	129
	Venetian blinds	1	
	Window and door screens and weather strip	1	
	Wood preserving	3	428
7	Converted paper products not elsewhere classified	1	
	Fiber cans, tubes, and similar products	1	
	Paper and paperboard mills	4	928
	Paper bags, except those made in paper mills	1	
	Paperboard containers and boxes not elsewhere classified	3	36
	Pulp mills	3	573
	STATE OF SOUTH CAROLINA—Continued		
8	Bookbinding and related industries	1	
	Books: publishing without printing	1	
	Engraving (steel, copperplate, and wood); plate printing	2	
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	1	
	Periodicals: publishing and printing	2	
	Periodicals: publishing without printing	2	
9	Chemicals not elsewhere classified	5	99
	Cleaning and polishing preparations, blackings, and dressings	2	
	Drugs and medicines (including drug grinding)	3	7
	Insecticides, fungicides, and related industrial and household chemical compounds	1	
	Mucilage, paste, and other adhesives, except glue and rubber cement	1	
10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	2	
	Petroleum refining	1	
11	Rubber products not elsewhere classified	2	
13	Asbestos products (except steam packing and pipe and boiler covering)	1	
	Clay refractories, including refractory cement (clay)	2	
	Glass containers	1	
	Lime	1	
	Pottery products not elsewhere classified	1	
	Sewer pipe and kindred products	1	
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	2	
	Malleable-iron castings	1	
	Stamped and pressed metal products (except automobile stampings)	1	
	Tin cans and other tinware not elsewhere classified	1	
	Wirework not elsewhere classified	1	
15	Nonferrous-metal foundries (except aluminum)	1	
17	Construction and similar machinery (except mining and oil-field machinery and tools)	1	
	Industrial machinery, not elsewhere classified	1	
	Pumping equipment and air compressors	1	
	Stokers, mechanical, domestic and industrial	1	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	2	
19	Boat building and boat repairing	1	
	Cars and car equipment—railroad, street, and rapid-transit	1	
	Shipbuilding and ship repairing	1	
20	Brooms	2	
	Games and toys (except dolls and children's vehicles)	1	
	Signs, advertising displays, and advertising novelties	1	
	Sporting and athletic goods not elsewhere classified	1	
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	1	

[1] For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and of industry groups, sec. 27.

SOUTH DAKOTA

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939



KEY TO PLACES

ABERDEEN	1
HURON	3
MITCHELL	5
RAPID CITY	4
SIOUX FALLS	6
WATERTOWN	2

UNDER 250 WAGE EARNERS

250 TO 999 WAGE EARNERS

1,000 OR MORE WAGE EARNERS

PLACES OF 10,000 TO 99,999 POPULATION

Prepared by the Bureau of the Census, Department of Commerce

SOUTH DAKOTA

Table 1.—SUMMARY FOR THE STATE: 1939, 1937, AND 1929

Census year	Number of establishments	Proprietors and firm members	Number of persons employed in manufacturing [1]	Salaries and wages [1]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2]	Value of products [2]	Value added by manufacture [2]
1939	468	359	6,802	$8,381,170	$61,216,830	$81,171,887	$19,955,057
1937	434	269	6,251	7,682,245	52,896,808	67,276,395	14,379,587
1929	588	399	6,838	9,120,690	73,971,972	94,713,532	20,741,560

[1] Figure for 1939 does not include data for employees of manufacturing establishments (except salaried officers of corporations) who were engaged in distribution, construction, and other nonmanufacturing work. For detail, see table 8. It is not known to what extent data for such nonmanufacturing employees were included in figures reported for earlier years. See General Explanations—Persons engaged—general classification.

[2] The aggregates for cost of materials, etc., and value of products include large amounts of duplication due to the use of the products of some industries as materials by others. See General Explanations—Duplication in cost of materials and value of products.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See General Explanations—Value added by manufacture.

Table 2.—SUMMARY FOR COUNTIES AND PLACES: 1939

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2] [3]	Value of products [2] [3]	Value added by manufacture [4]
The State	642,961	[5] 468	5,538	$6,035,524	$61,216,830	$81,171,887	$19,955,057
COUNTIES [5]							
Armstrong [6]	42						
Aurora	5,387	4	6	3,479	48,459	66,908	18,449
Beadle [7]	19,648	14	299				
Bennett [6]	3,983						
Bon Homme	10,241	7	15	11,893	162,955	213,888	50,933
Brookings	16,560	10	31	32,990	398,364	600,599	202,235
Brown	29,676	30	241	204,596	1,147,610	2,052,334	904,724
Brule	6,195	4	7	7,749	24,392	55,021	30,629
Buffalo [6]	1,853						
Butte	8,004	7	118	119,946	665,160	1,027,033	361,873
Campbell [6]	5,033						
Charles Mix	13,449	7	11	8,142	94,002	124,514	30,512
Clark	8,955	4	9	6,115	44,835	69,298	24,463
Clay	9,592	5	21	19,239	114,959	201,843	86,884
Codington	17,014	24	331	343,656	6,075,175	7,179,802	1,104,627
Corson [7]	6,755	1					
Custer	6,023	19	166	142,029	220,929	621,683	400,754
Davison	15,336	21	243	199,460	2,174,846	3,101,098	926,252
Day	13,565	13	84	64,998	1,206,152	1,411,694	205,542
Deuel	8,450	5	6	7,304	155,477	189,974	34,497
Dewey [6]	5,709						
Douglas [6]	6,348						
Edmunds [7]	7,814	3	7				
Fall River	8,089	8	25	23,530	74,530	175,710	101,180
Faulk [7]	5,168	2					
Grant	10,552	12	86	103,674	479,015	793,815	314,800
Gregory [7]	9,554	5	16				
Haakon [7]	3,515	2					
Hamlin	7,562	5	16	14,816	447,909	502,169	54,260
Hand [7]	7,166	3	8				
Hanson	5,400	4	5	3,830	43,553	55,124	11,571
Harding [7]	3,010	2					
Hughes	6,624	4	30	37,691	55,144	152,229	97,085
Hutchinson	12,668	8	20	14,487	454,376	543,227	88,851
Hyde [7]	3,113	2					
Jackson [7]	1,955	1					
Jerauld [7]	4,752	3	6				
Jones [6]	2,509						
Kingsbury	10,831	8	56	34,899	499,972	608,719	108,747
Lake	12,412	9	62	51,585	820,761	981,039	160,278

See footnotes at end of table.

TABLE 2.—SUMMARY FOR COUNTIES AND PLACES: 1939—Continued

	Population, 1940	Number of establishments	Wage earners (average for year)[1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
COUNTIES [5]—continued							
Lawrence	19,093	18	68	$73,744	$265,325	$506,613	$241,288
Lincoln	13,171	6	18	14,877	137,554	201,923	64,369
Lyman [7]	5,045	1					
Marshall	8,880	4	9	7,900	91,683	112,994	21,311
McCook	9,793	5	75	31,662	577,017	704,695	127,678
McPherson [7]	8,353	3	5				
Meade	9,735	5	11	9,403	61,086	101,109	40,023
Mellette [6]	4,107						
Miner [7]	6,836	2					
Minnehaha	57,697	70	2,549	3,188,150	34,426,377	44,250,056	9,823,679
Moody	9,341	4	11	10,366	108,707	146,037	37,330
Pennington	23,799	25	564	615,771	1,896,645	3,853,878	1,957,233
Perkins	6,585	7	14	13,437	50,434	102,099	51,665
Potter	4,614	4	4	3,488	38,855	61,747	22,892
Roberts	15,887	9	20	17,932	380,531	450,023	69,492
Sanborn [7]	5,754	4	19				
Shannon [6]	5,366						
Spink	12,527	4	17	12,370	81,346	138,594	57,248
Stanley [7]	1,959	2					
Sully [7]	2,668	2					
Todd [6]	5,714						
Tripp [7]	9,937	6	59				
Turner	13,270	9	20	15,200	217,019	276,152	59,133
Union	11,675	6	11	10,748	56,100	93,441	37,341
Walworth	7,274	5	18	12,865	113,892	179,187	65,295
Washabaugh [6]	1,980						
Washington [6]	1,789						
Yankton	16,725	11	95	73,281	411,712	686,072	274,360
Ziebach [6]	2,875						
Undistributed [8]		58	445	468,222	6,893,972	8,579,546	1,685,574
PLACES HAVING 10,000 OR MORE INHABITANTS							
Aberdeen	17,015	26	226	194,860	1,038,421	1,911,908	873,487
Huron [9]	10,843	12	97				
Mitchell [9]	10,633	17	200				
Rapid City [9]	13,844	20	416				
Sioux Falls	40,832	58	2,485	3,116,674	34,140,472	43,787,800	9,647,328
Watertown [9]	10,617	22	327				

[1] Not including salaried officers and employees nor nonmanufacturing wage earners. The figure for each county or place is an average of the numbers reported for the several months of the year. In calculating it, equal weight must be given to full-time and to part-time wage earners (not reported separately by the manufacturers), and for this reason it exceeds the number that would have been required to perform the work done in the industries if all wage earners had been continuously employed throughout the year. The quotient obtained by dividing the amount of wages by the average number of wage earners cannot, therefore, be accepted as representing the average wage received by full-time wage earners. Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several counties do not add exactly to the average for the State. In making comparisons between the figures for 1939 and those for 1937, the possibility that the proportion of part-time employment varied from year to year should be taken into account.

[2] Profits and losses cannot be calculated from the census figures because no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, and advertising.

[3] See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

[5] For numbers of establishments by "Industry groups," see table 9.

[6] No manufacturing reported.

[7] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Undistributed" figures.

[8] The "Undistributed" figure for number of establishments and a part of the "Undistributed" figure for number of wage earners are included above in the items for the respective counties. The sums of the figures in these two columns are, therefore, larger than the corresponding State totals.

[9] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments.

TABLE 3.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, BY SEX: 1939 AND 1929

[This questionnaire, for the first time, called for data on the *total* number of employees in manufacturing establishments, including those engaged wholly or chiefly in [illegible] activities. It is not known to what extent data for such employees were included in the figures reported for earlier [illegible] detailed figures for employees receiving pay at any time within the *normal* pay-roll period ended nearest Oct. 14, 1939, and for such employees [illegible] Dec. 14, 1929, or on the nearest *representative* date. The total for "Wage earners engaged in manufacturing" is not identical with the average for the [illegible] other tables, and differs from the number reported for October 1939 or for December 1929, because for both years some manufacturers gave wage-earners [illegible] other than those specified. See GENERAL EXPLANATIONS. Persons engaged—general classification]

CLASS AND SEX	1939 (Oct. 14) [1]	1929 (Dec. 14) [1]
All classes, aggregate [2]	8,486	6,860
Male	6,840	5,695
Female	1,646	1,165
Salaried officers and employees, total	1,947	1,158
Male	1,437	863
Female	510	295
Salaried officers of corporations, total	167	163
Male	158	154
Female	9	9
All other employees (except wage earners in manufacturing), total	1,780	995
Male	1,279	709
Female	501	286
Salaried officers and employees—Continued.		
All other employees, etc.—Continued.		
Engaged in manufacturing:		
Male	727	(3)
Female	370	
Engaged in distribution:		
Male	487	
Female	123	
Engaged in construction:		
Male	15	
Engaged in other work:		
Male	50	
Female	8	
Wage earners engaged in manufacturing, total	6,539	5,702
Male	5,403	4,832
Female	1,136	870

[1] See headnote. [2] Figures do not include data for 359 proprietors and firm members for 1939 and 399 for 1929, which were not reported by sex for 1939. [3] No data.

TABLE 4.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS: 1939, 1937, AND 1929

[The figures for 1939 relate to wage earners engaged in manufacturing only. It is not known to what extent the figures for earlier years include data for nonmanufacturing wage earners. See headnote to table 3]

CENSUS YEAR	Average number employed during year [1]	NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH—											
		January	February	March	April	May	June	July	August	September	October	November	December
1939	5,538	5,173	4,977	4,942	5,057	5,279	5,557	5,631	5,599	5,878	6,118	6,306	5,936
1937	4,970	4,783	4,626	4,648	4,640	4,768	4,967	5,178	5,158	5,079	5,351	5,397	5,048
1929	5,680	5,846	5,687	5,532	5,421	5,456	5,700	5,797	5,741	5,614	5,668	5,745	5,961

[1] See GENERAL EXPLANATIONS—Wage earners and wages.

TABLE 5.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY NUMBER OF WAGE EARNERS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS	VALUE ADDED BY MANUFACTURE [2]
	1939	1929	1939	1929	1939	1939
All establishments	468	588	5,538	5,680	$81,171,887	$19,955,057
No wage earners	19	20			211,998	62,322
1 to 5	322	429	797	983	10,901,142	3,345,162
6 to 20	89	106	936	1,172	9,231,285	3,333,163
21 to 50	28	24	989	752	8,837,915	2,895,608
51 to 100	5	4	362	305	3,125,872	1,369,556
101 to 250	3	5	2,454	2,468	48,863,675	8,949,246
251 to 500	1					
501 to 1,000						
1,001 to 2,500	1					

[1] See headnotes to tables 3 and 4. [2] See GENERAL EXPLANATIONS—Value added by manufacture. [3] Combined to avoid disclosing data for individual establishments.

TABLE 6.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY VALUE OF PRODUCTS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
All establishments	468	588	5,538	5,680	$81,171,887	$94,713,532	$19,955,057	$20,741,560
$5,000 to $19,999	195	331	444	681	1,994,828	3,316,484	1,117,294	2,061,274
$20,000 to $49,999	117	103	448	539	3,760,708	3,322,892	1,544,287	1,624,691
$50,000 to $99,999	70	64	373	419	4,790,223	4,464,151	1,530,794	1,608,867
$100,000 to $249,999	51	49	817	656	8,070,248	7,708,357	3,172,011	2,979,734
$250,000 to $499,999	20	25	510	548	6,940,473	8,958,418	1,430,690	2,782,520
$500,000 to $999,999	11	8	754	669	7,467,102	6,175,791	2,714,697	2,207,395
$1,000,000 to $2,499,999	1	5	[3] 2,192	386	[3] 48,148,305	8,069,271	[3] 8,445,284	1,964,267
$2,500,000 to $4,999,999								
$5,000,000 and over	3	3		1,782		52,698,168		5,512,812

[1] See headnotes to tables 3 and 4. [2] See GENERAL EXPLANATIONS—Value added by manufacture. [3] Combined to avoid disclosing data for individual establishments.

TABLE 7.—ESTABLISHMENTS CLASSIFIED AS UNDER CORPORATE OR OTHER FORM OF OWNERSHIP (OR CONTROL) AND AS UNDER CENTRAL-ADMINISTRATIVE-OFFICE OR INDEPENDENT OPERATION: 1939 AND 1929

TYPE OF OWNERSHIP OR CONTROL, AND OF OPERATION	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
Total	468	588	5,538	5,680	$81,171,887	$94,713,532	$19,955,057	$20,741,560
TYPE OF OPERATION								
1939 [3]								
Corporate ownership or control:								
Central-administrative-office (plural-unit)	68	(3)	3,208	(3)	59,546,665	(3)	11,936,481	(3)
Independent (single-unit)	106	(3)	1,216	(3)	9,971,106	(3)	4,307,881	(3)
Noncorporate ownership:								
Central-administrative-office (plural-unit)	15	(3)	126	(3)	1,272,113	(3)	434,225	(3)
Independent (single-unit)	279	(3)	988	(3)	10,382,003	(3)	3,276,470	(3)
1939 AND 1929 [3]								
Central-administrative-office (plural-unit), corporate and noncorporate	83	46	3,334	3,130	60,818,778	68,378,427	12,370,706	10,209,612
Independent (single-unit), corporate and noncorporate	385	542	2,204	2,550	20,353,109	26,335,105	7,584,351	10,531,948
TYPE OF OWNERSHIP OR CONTROL								
Corporate	174	178	4,424	4,423	69,517,771	85,127,098	16,244,362	16,648,032
Noncorporate, total	294	410	1,114	1,257	11,654,116	9,586,434	3,710,695	4,093,528
Individual	200	(4)	621	(4)	4,706,425	(4)	1,841,289	(4)
Partnership	54	(4)	296	(4)	2,908,760	(4)	825,501	(4)
Cooperative	39	(5)	197		4,038,931		1,043,905	
Other	1							

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Because of changes in the questionnaire, no comparable figures for 1929 can be given for the first section of this table. For this reason, the items have been regrouped under "1939 and 1929" to present comparable figures so far as this can be done.
[4] No data.
[5] Figures for 1939 combined to avoid disclosing data for individual establishments; no data for 1929.

TABLE 8.—GENERAL STATISTICS FOR

[illegible] presents separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments given, however, reported larger numbers of wage earners or

[illegible]	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1]						
				Total [2]	Salaried officers of corporations [2]	Manufacturing		Distribution	Construction	Other
						Salaried employees [2]	Wage earners (average for year) [3]			
	All industries, total	468	359	7,485	167	1,097	5,538	610	15	58
[illegible]	Bread and other bakery products (except biscuit, crackers, and pretzels)	83	80	585	6	50	411	81	[illegible]	37
[illegible]	Cheese	4	5	6			6			
[illegible]	Concrete products	9	3	43	3	9	27	4		
[illegible]	Creamery butter	107	89	595	9	130	367	84	3	2
[illegible]	Drugs and medicines (including drug grinding)	4	4	71	3	10	55	1	2	
[illegible]	Flour and other grain-mill products	14	8	90	5	19	46	19	1	
[illegible]	General commercial (job) printing	13	7	128	11	23	77	17		
[illegible]	Ice cream and ices	11	6	132	7	23	53	48		1
[illegible]	Ice, manufactured	5	6	36	2	7	14	13		
11	Jewelry (precious metals)	3	4	17		1	14	2		
[illegible]	Meat packing, wholesale	10	3	2,547	8	383	2,121	34	1	
[illegible]	Minerals and earths, ground or otherwise treated	3		93	3	7	80		3	
[illegible]	Newspapers: publishing and printing	80	70	701	36	184	393	87	1	
[illegible]	Nonalcoholic beverages	19	14	153	11	19	56	67		
[illegible]	Petroleum refining	3	2	20	3	[illegible]	5	11		
[illegible]	Planing mills not operated in conjunction with sawmills	9	6	212	7	19	158	28		
[illegible]	Poultry dressing and packing, wholesale	19	6	525	4	41	475	5		
[illegible]	Prepared feeds (including mineral) for animals and fowls	3	2	7	1	2	4			
[illegible]	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	17	13	425	2	21	396	6		
[illegible]	Other industries [6]	62	37	1,268	53	167	917	104	9	18
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]									
[illegible]	Food and kindred products	9	2	442	8	60	316	51	4	3
[illegible]	Furniture and finished lumber products	7	8	57	4	4	48	1		
24	Printing, publishing, and allied industries	7	3	77	3	24	33	17		
[illegible]	Chemicals and allied products	11	10	158	14	16	120	6	2	
[illegible]	Stone, clay, and glass products	10		328	16	27	260	7	3	15
[illegible]	Machinery (except electrical)	3	2	7			7			
[illegible]	Miscellaneous industries	3	2	21	1	3	16	1		
[illegible]	Lumber and timber basic products	2								
[illegible]	Paper and allied products	1								
[illegible]	Leather and leather products	1	10	178	7	33	117	21		
[illegible]	Iron and steel and their products, except machinery	3								
[illegible]	Nonferrous metals and their products	4								
[illegible]	Electrical machinery	1								

* As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and [illegible] included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.
[2] Figures do not include data for personnel of central-administrative offices.
[3] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

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and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures are larger values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [3]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
9, 235, 691	603, 405	1, 742, 241	6, 035, 524	771, 665	20, 272	62, 584	61, 216, 830	60, 018, 491	620, 099	466, 690	111, 550	81, 171, 887	19, 955, 057	1
553, 128	8, 465	72, 298	386, 425	58, 613	.....	27, 327	1, 359, 287	1, 259, 329	58, 453	41, 505	.....	2, 646, 370	1, 287, 083	2
5, 689	.....	.....	5, 689	.....	.....	.....	139, 388	136, 719	1, 598	1, 071	.....	164, 840	25, 452	3
50, 504	12, 882	9, 135	22, 283	6, 204	.....	.....	74, 801	71, 198	2, 395	1, 208	.....	180, 837	106, 036	4
596, 057	22, 834	156, 755	329, 610	82, 820	772	3, 266	8, 636, 805	8, 453, 420	76, 219	92, 885	14, 281	10, 369, 240	1, 732, 435	5
(5)	(5)	(5)	(5)	(5)	(5)	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	6
99, 094	8, 400	26, 796	35, 288	26, 751	1, 859	.....	926, 121	898, 842	6, 633	20, 646	.....	1, 227, 318	301, 197	7
193, 688	36, 124	33, 584	95, 494	28, 486	.....	.....	121, 365	114, 490	2, 119	4, 392	364	430, 763	309, 398	8
122, 966	19, 003	21, 429	36, 244	44, 412	.....	1, 878	426, 515	399, 270	7, 456	19, 789	.....	833, 430	406, 915	9
36, 869	8, 100	7, 504	14, 044	7, 221	.....	.....	20, 464	3, 018	1, 090	16, 356	.....	89, 244	68, 780	10
17, 492	.....	1, 003	13, 477	3, 012	.....	.....	27, 477	26, 588	182	707	.....	73, 241	45, 764	11
3, 724, 269	22, 377	762, 391	2, 892, 625	46, 076	800	.....	40, 711, 993	40, 376, 539	210, 080	125, 374	.....	48, 801, 630	8, 089, 637	12
(5)	(5)	(5)	(5)	.....	(5)	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	13
964, 907	134, 387	248, 356	461, 915	120, 149	100	.....	690, 211	626, 858	19, 991	33, 838	9, 524	2, 331, 580	1, 641, 369	14
198, 827	58, 230	21, 237	48, 153	71, 207	.....	.....	436, 847	420, 003	7, 977	8, 867	.....	928, 046	491, 199	15
21, 636	3, 924	968	5, 930	10, 814	.....	.....	66, 017	60, 485	4, 668	864	.....	102, 339	36, 322	16
246, 947	22, 200	29, 735	148, 632	46, 380	.....	.....	525, 627	513, 387	1, 722	10, 518	.....	831, 461	305, 834	17
295, 262	10, 536	42, 941	237, 245	4, 540	.....	.....	3, 416, 535	3, 389, 136	9, 937	17, 212	250	4, 106, 148	689, 613	18
(5)	(5)	(5)	(5)	.....	.....	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	19
420, 420	11, 592	39, 586	359, 335	8, 376	1, 531	.....	342, 052	255, 985	9, 391	1, 030	75, 646	1, 124, 569	782, 517	20
1, 687, 936	224, 351	268, 523	943, 135	206, 604	15, 210	30, 113	3, 295, 325	3, 013, 224	200, 188	70, 428	11, 485	6, 930, 831	3, 635, 506	21
509, 408	36, 060	84, 770	250, 730	114, 738	7, 666	15, 444	1, 330, 913	1, 271, 441	48, 335	11, 137	.....	2, 409, 243	1, 078, 330	22
58, 176	12, 054	5, 111	40, 051	960	.....	.....	160, 357	156, 853	426	3, 078	.....	296, 769	136, 412	23
107, 108	9, 740	31, 590	36, 431	29, 347	.....	.....	106, 741	90, 506	2, 608	2, 142	11, 485	275, 131	168, 390	24
227, 401	58, 714	30, 761	127, 911	5, 971	4, 044	.....	397, 280	369, 719	22, 537	5, 024	.....	893, 681	496, 401	25
495, 616	50, 675	59, 961	347, 026	19, 785	3, 500	14, 669	439, 050	274, 412	122, 318	42, 320	.....	1, 538, 043	1, 098, 993	26
9, 217	.....	.....	9, 217	.....	.....	.....	9, 404	7, 506	860	1, 038	.....	38, 082	28, 678	27
20, 646	1, 800	2, 970	11, 255	4, 621	.....	.....	22, 056	20, 928	518	610	.....	57, 681	35, 625	28
260, 364	55, 308	53, 360	120, 514	31, 182	.....	.....	829, 524	821, 859	2, 586	5, 079	.....	1, 422, 201	592, 677	29

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[6] For numbers of establishments and of wage earners in individual industries, see table 10.

TABLE 9.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939

COUNTY	Total	INDUSTRY GROUP																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
The State	408	28				28	7	1	100	11	3		1	19	3	7	1	3			3
Aurora	4	3							1												
Beadle	14	10				1			2									1			
Bon Homme	7	5					1		1												
Brookings	10	7							3												
Brown	30	18				1	1		7						1	1		1			
Brule	4								1												
Butte	7	5							2					2							
Charles Mix	7						1		1												
Clark	4	3							1												
Clay	5	3							2												
Codington	24	13				1	2		4					1	1						
Corson	1								1												
Custer	19	1				15			1					2							
Davison	21	14				1			4	1				1							
Day	13	11							2												
Deuel	5	4							1												
Edmunds	3	2							1												
Fall River	8	5							1	1	1										
Faulk	2	1							1												
Grant	12	8							2					2							
Gregory	5	4							1												
Haakon	2	1							1												
Hamlin	5	4							1												
Hand	3	2							1												
Hanson	4	4																			
Harding	2	1							1												
Hughes	4	2							2												
Hutchinson	8	8																			
Hyde	2	1							1												
Jackson	1	1																			
Jerauld	3	2							1												
Kingsbury	8	7							1												
Lake	9	7							2												
Lawrence	18	9				2			4							2					1
Lincoln	6	3							2					1							
Lyman	1	1																			
Marshall	4	3							1				1	1							
McCook	5	3																			
McPherson	3	2							1												
Meade	5	2							1		1			1							
Miner	2	2																			
Minnehaha	70	35				3	1	1	10	8				5	1	2	1	1			2
Moody	4	3							1												
Pennington	25	10				4			5	1	1			3		1					
Perkins	7	3							3							1					
Potter	4	3							1												
Roberts	9	7							2												
Sanborn	4	3							1												
Spink	4	2							2												
Stanley	2								2												
Sully	2	1							1												
Tripp	6	4							2												
Turner	9	6							3												
Union	6	3							3												
Walworth	5	4							1												
Yankton	11	7					1		3												

TABLE 10.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE: 1939

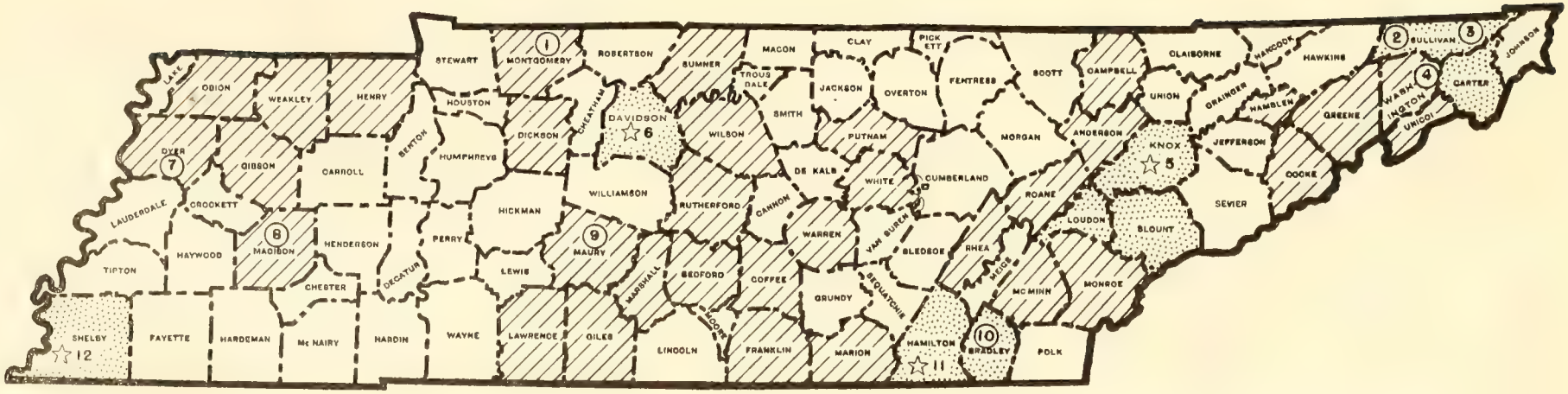
[In order to avoid disclosing data for individual establishments, wage-earner figures for industries represented by fewer than three establishments are withheld]

Group No.[1]	TITLE	Number of establishments	Wage earners
	STATE OF SOUTH DAKOTA		
1	Beet sugar	1	--------
	Biscuit, crackers, and pretzels	1	--------
	Candy and other confectionery products	1	--------
	Condensed and evaporated milk	1	--------
	Malt liquors	1	--------
	Prepared feeds (including mineral) for animals and fowls	3	4
	Sausage casings—not made in meat-packing establishments	1	--------
5	Logging camps and logging contractors (not operating sawmills)	2	--------
6	Caskets, coffins, burial cases, and other morticians' goods	2	--------
	Cooperage	1	--------
	Household furniture, except upholstered	1	------
	Partitions, shelving, cabinet work, and office and store fixtures	1	--------
	Window and door screens and weather strip	1	--------
	Wooden boxes except cigar boxes	1	--------
7	Paperboard containers and boxes not elsewhere classified	1	--------
8	Bookbinding and related industries	1	--------
	Books: publishing and printing	1	--------
	Books: publishing without printing	1	--------
	Periodicals: publishing and printing	1	--------
	Periodicals: publishing without printing	2	--------
	Photoengraving, not done in printing establishments (including preparation of plates)	1	--------
9	Cleaning and polishing preparations, blackings, and dressings	1	--------
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	1	--------
	STATE OF SOUTH DAKOTA—Continued		
9	Drugs and medicines (including drug grinding)	4	55
	Grease and tallow (except lubricating greases)	2	--------
	Insecticides, fungicides, and related industrial and household chemical compounds	1	--------
	Lubricating oils and greases—not made in petroleum refineries	1	--------
	Paints, varnishes, and lacquers	1	--------
12	Saddlery, harness, and whips	1	--------
13	Brick and hollow structural tile	1	--------
	Cement	1	--------
	Gypsum products	1	--------
	Lime	1	--------
	Minerals and earths, ground or otherwise treated	3	80
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	2	--------
	Sand-lime brick, block, and tile	1	--------
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	1	--------
	Gray-iron and semisteel castings	1	--------
	Tools (except edge tools, machine tools, files, and saws)	1	--------
15	Sheet-metal work not specifically classified	4	47
16	Batteries, storage and primary (dry and wet)	1	--------
17	Machine-shop products, not elsewhere classified	1	--------
	Machine-shop repairs	2	--------
20	Brooms	2	--------
	Signs, advertising displays, and advertising novelties	1	--------

[1] For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and of industry groups, sec. 27.

TENNESSEE

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939



KEY TO PLACES

BRISTOL	3
CHATTANOOGA	11
CLARKSVILLE	1
CLEVELAND	10
COLUMBIA	9
DYERSBURG	7
JACKSON	8
JOHNSON CITY	4
KINGSPORT	2
KNOXVILLE	5
MEMPHIS	12
NASHVILLE	6

UNDER 500 WAGE EARNERS

500 TO 2,499 WAGE EARNERS

2,500 OR MORE WAGE EARNERS

PLACES OF 10,000 TO 99,999 POPULATION

PLACES OF 100,000 OR MORE POPULATION

Prepared by the Bureau of the Census, Department of Commerce

TENNESSEE

Table 1.—SUMMARY FOR THE STATE: 1939, 1937, AND 1929

Census year	Number of establishments	Proprietors and firm members	Number of persons employed in manufacturing [1]	Salaries and wages [1]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2]	Value of products [2]	Value added by manufacture [3]
1939	2,289	1,462	144,320	$137,485,500	$407,745,923	$728,087,825	$320,341,902
1937	2,083	1,152	148,132	136,488,945	412,360,076	707,986,784	295,626,708
1929	2,796	1,891	130,954	132,345,804	385,438,158	687,221,506	301,783,348

[1] Figure for 1939 does not include data for employees of manufacturing establishments (except salaried officers of corporations) who were engaged in distribution, construction, and other nonmanufacturing work. For detail, see table 8. It is not known to what extent data for such nonmanufacturing employees were included in figures reported for earlier years. See General Explanations—Persons engaged—general classification.

[2] The aggregates for cost of materials, etc., and value of products include large amounts of duplication due to the use of the products of some industries as materials by others. See General Explanations—Duplication in cost of materials and value of products.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See General Explanations—Value added by manufacture.

Table 2.—SUMMARY FOR COUNTIES AND PLACES: 1939

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
The state	2,915,841	2,289	131,874	$109,661,769	$407,745,923	$728,087,825	$320,341,902
COUNTIES [5]							
Anderson [6]	26,504	8	938				
Bedford	23,151	28	1,844	1,279,299	3,753,085	6,487,427	2,734,342
Benton [6]	11,976	1					
Bledsoe [6]	8,358	1					
Blount [5]	41,116	26	4,223				
Bradley	28,498	38	2,971	2,186,341	5,285,061	10,051,881	4,766,820
Campbell	31,131	11	889	416,300	1,009,676	1,674,198	664,522
Cannon [5]	9,880	4	12				
Carroll	25,978	14	100	60,133	512,269	787,560	275,291
Carter	35,127	12	4,036	4,381,925	5,560,932	19,241,951	13,681,019
Cheatham [6]	9,928	1					
Chester	11,124	4	9	4,066	9,926	24,395	14,469
Claiborne [6]	24,657	2					
Clay [6]	10,904	1					
Cocke	24,083	9	570	367,977	2,746,070	3,857,514	1,111,444
Coffee	18,959	22	1,335	853,699	2,454,229	4,262,601	1,808,372
Crockett	17,330	3	9	4,952	6,210	20,583	14,373
Cumberland	15,592	5	126	51,056	75,810	131,230	55,420
Davidson	257,267	314	17,427	16,964,110	63,550,551	121,918,334	58,367,783
Decatur [6]	10,261	1					
De Kalb	14,588	4	10	6,533	61,721	88,455	26,734
Dickson	19,718	17	926	523,247	997,395	1,860,754	863,359
Dyer	34,920	25	940	610,756	2,221,323	3,920,594	1,699,271
Fayette [6]	30,322	3	224				
Fentress	14,262	10	167	77,175	231,843	406,390	174,547
Franklin	23,892	21	555	349,299	941,519	1,997,219	1,055,700
Gibson	44,835	27	1,248	653,417	1,714,383	3,060,416	1,346,033
Giles	29,240	18	500	337,149	1,863,781	2,547,091	683,310
Grainger	14,356	5	19	7,440	17,910	30,070	12,160
Greene	39,405	26	586	411,956	2,008,921	3,019,169	1,010,248
Grundy	11,552	4	40	28,054	69,729	134,797	65,068
Hamblen	18,611	19	1,081	540,866	1,336,344	2,882,762	1,546,418
Hamilton	180,478	261	20,074	17,343,770	45,902,760	87,227,517	41,324,757
Hancock [7]	11,231						
Hardeman	23,590	6	72	24,927	38,828	87,177	48,349
Hardin	17,806	16	176	92,168	243,518	583,773	340,255
Hawkins	28,523	7	170				
Haywood	27,699	8	11	6,827	59,722	126,631	66,909
Henderson	19,220	4	255	147,699	425,182	704,126	278,944
Henry	25,877	16	503	280,391	974,169	1,629,668	655,499
Hickman [6]	14,873	3	257				
Houston	6,432	10	160	86,738	329,817	516,644	186,827
Humphreys [5]	12,421	7	175				
Jackson [6]	15,082	1					
Jefferson	18,621	8	264	118,595	806,493	1,150,271	343,778
Johnson [6]	12,998	3	123				
Knox	178,468	190	14,893	11,834,043	31,324,216	60,753,291	29,429,075
Lake [6]	11,235	3	91				
Lauderdale	24,461	11	135	54,168	103,620	216,875	113,255
Lawrence	28,726	18	590	337,600	1,089,230	1,778,693	689,463
Lewis [6]	5,849	2					
Lincoln	27,214	16	411	217,284	705,343	1,305,066	599,723
Loudon	19,838	23	2,528	1,636,169	3,743,108	6,305,376	2,562,268
McMinn	30,781	32	2,045	1,369,875	3,034,837	6,247,316	3,212,479
McNairy	20,424	4	20	9,043	15,157	34,021	18,864

See footnotes at end of table.

TABLE 2.—SUMMARY FOR COUNTIES AND PLACES: 1939—Continued

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
COUNTIES [5]—continued							
Macon [6]	14,904	1					
Madison	54,115	50	2,105	$1,476,364	$4,609,758	$8,017,560	$3,407,802
Marion	19,140	8	601	529,922	633,467	1,720,515	1,087,048
Marshall	16,030	13	864	668,335	2,800,689	4,513,021	1,712,332
Maury	40,357	37	1,808	1,409,508	4,083,147	8,192,708	4,109,561
Meigs	6,393	3	40	14,964	38,545	77,689	39,144
Monroe	24,275	12	676	415,171	1,203,403	1,900,302	696,899
Montgomery	33,346	29	1,006	580,477	2,697,097	4,336,603	1,639,506
Moore [7]	4,093						
Morgan [6]	15,242	6	113				
Obion	30,978	19	1,217	872,041	3,938,872	6,309,363	2,370,491
Overton	18,883	8	62	23,099	53,813	143,564	89,751
Perry [7]	7,535						
Pickett [6]	6,213	4	37				
Polk [6]	15,473	6	290				
Putnam	26,250	23	601	289,628	472,290	1,054,697	582,407
Rhea	16,353	21	701	391,670	954,844	1,667,187	712,343
Roane	27,795	18	2,103	1,407,686	3,311,747	5,765,849	2,454,102
Robertson	29,046	21	273	148,262	519,411	862,492	343,081
Rutherford	33,604	25	653	435,955	2,810,207	4,219,887	1,409,680
Scott	15,966	18	478	235,840	367,145	790,036	422,891
Sequatchie [6]	5,038	3	12				
Sevier	23,291	10	173	97,334	372,726	515,971	143,245
Shelby	358,250	378	18,225	16,358,251	110,963,730	168,755,575	57,791,845
Smith	16,148	5	14	9,811	62,716	92,661	29,945
Stewart [6]	13,549	1					
Sullivan	69,085	56	8,360	8,640,029	24,864,703	50,718,440	25,853,737
Sumner	32,719	17	1,132	871,302	2,891,393	4,526,492	1,635,099
Tipton	28,036	6	218	106,297	265,022	539,020	273,998
Trousdale [6]	6,113	2					
Unicoi	14,128	9	537	478,967	531,125	1,496,827	965,702
Union [6]	9,030	1					
Van Buren [7]	4,090						
Warren	19,764	27	747	420,463	751,100	1,571,423	820,323
Washington	51,631	50	2,412	1,653,455	5,135,725	8,872,737	3,737,012
Wayne	13,638	7	113	62,608	177,514	346,684	169,170
Weakley	29,498	20	510	287,945	901,502	1,615,226	713,724
White	15,983	13	598	256,951	573,937	1,037,956	464,019
Williamson	25,220	10	478	330,466	877,490	1,722,562	845,072
Wilson	25,267	19	697	338,315	1,382,818	2,367,988	985,170
Undistributed [8]		98	6,952	7,175,606	44,275,299	77,264,954	32,989,655
PLACES HAVING 10,000 OR MORE INHABITANTS							
Bristol, Tennessee and Virginia, total	23,772	55	3,175	2,284,871	8,683,158	13,917,115	5,233,957
Bristol, Tenn	14,004	22	1,780	1,232,598	4,960,575	7,713,543	2,752,968
Bristol, Va	9,768	33	1,395	1,052,273	3,722,583	6,203,572	2,480,989
Chattanooga	128,163	230	17,166	14,993,110	41,372,051	77,569,596	36,197,545
Clarksville	11,831	23	934	546,353	2,487,563	4,016,811	1,529,248
Cleveland	11,351	30	2,657	1,966,454	4,768,912	8,943,228	4,174,316
Columbia	10,579	21	1,220	853,979	1,992,631	3,631,655	1,639,024
Dyersburg	10,034	20	839	578,617	2,111,862	3,699,516	1,587,654
Jackson	24,332	40	965	665,516	2,921,798	5,037,970	2,116,172
Johnson City	25,332	36	1,689	1,104,869	3,363,237	6,317,117	2,953,880
Kingsport [9]	14,404	24	3,368				
Knoxville	111,580	174	14,465	11,468,701	30,413,252	57,667,520	27,254,268
Memphis	292,942	343	13,921	12,383,353	84,986,556	134,170,454	49,183,898
Nashville	167,402	280	12,455	10,873,046	50,419,248	85,360,724	34,941,476

[1] Not including salaried officers and employees nor nonmanufacturing wage earners. The figure for each county or place is an average of the numbers reported for the several months of the year. In calculating it, equal weight must be given to full-time and to part-time wage earners (not reported separately by the manufacturers), and for this reason it exceeds the number that would have been required to perform the work done in the industries if all wage earners had been continuously employed throughout the year. The quotient obtained by dividing the amount of wages by the average number of wage earners cannot, therefore, be accepted as representing the average wage received by full-time wage earners. Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several counties do not add exactly to the average for the State. In making comparisons between the figures for 1939 and those for 1937, the possibility that the proportion of part-time employment varied from year to year should be taken into account.

[2] Profits and losses cannot be calculated from the census figures because no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, and advertising.

[3] See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

[5] For numbers of establishments by "Industry groups," see table 10.

[6] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Undistributed" figures.

[7] No manufacturing reported.

[8] The "Undistributed" figure for number of establishments and a part of the "Undistributed" figure for number of wage earners are included above in the items for the respective counties. The sums of the figures in these two columns are, therefore, larger than the corresponding State totals.

[9] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments.

TABLE 3.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, BY SEX: 1939 AND 1929

[In the questionnaire, for the first time, called for data on the *total* number of employees in manufacturing establishments, including those engaged wholly or chiefly in [illegible], construction, and other nonmanufacturing activities. It is not known to what extent data for such employees were included in the figures reported for earlier years. This table presents detailed figures for employees receiving pay at any time within the *normal* pay-roll period ended nearest Oct. 14, 1939, and for such employees on the pay roll on Dec. 14, 1929, or on the nearest *representative* date. The total for "Wage earners engaged in manufacturing" is not identical with the average for the year given in other tables, and differs from the number reported for October 1939 or for December 1929, because for both years some manufacturers gave wage-earner figures for months other than those specified. See GENERAL EXPLANATIONS—Persons engaged—general classification]

CLASS AND SEX	1939 (Oct. 14)[1]	1929 (Dec. 14)[1]
All classes, aggregate	162,891	131,061
Male	116,193	95,174
Female	46,698	35,887
Salaried officers and employees, total	21,292	12,720
Male	17,481	10,042
Female	3,811	2,678
Salaried officers of corporations, total	1,645	1,747
Male	1,544	1,686
Female	101	61
All other employees (except wage earners in manufacturing), total	19,647	10,973
Male	15,937	8,356
Female	3,710	2,617
Salaried officers and employees—Continued.		
All other employees, etc.—Continued.		
Engaged in manufacturing:		
Male	8,221	
Female	2,580	
Engaged in distribution:		
Male	6,049	
Female	1,079	(3)
Engaged in construction:		
Male	1,297	
Engaged in other work:		
Male	370	
Female	51	
Wage earners engaged in manufacturing, total	141,599	118,341
Male	98,712	85,132
Female	42,887	33,209

See headnote.
Figures do not include data for 1,462 proprietors and firm numbers for 1939 and 1,891 for 1929, which were not reported by sex for 1939.
No data.

TABLE 4.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS: 1939, 1937, AND 1929

[The figures for 1939 relate to wage earners engaged in manufacturing only. It is not known to what extent the figures for earlier years include data for nonmanufacturing wage earners. See headnote to table 3]

CENSUS YEAR	Average number employed during year[1]	NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH—											
		January	February	March	April	May	June	July	August	September	October	November	December
1939	131,874	123,251	125,255	128,320	129,004	128,793	129,047	132,094	135,601	137,742	139,551	138,516	135,315
1937	135,073	130,815	132,121	136,367	138,905	138,793	133,715	138,164	141,978	141,962	137,714	129,208	121,133
1929	118,234	113,765	115,743	116,812	117,181	114,346	117,151	119,453	123,303	124,681	122,806	119,127	114,429

[1] See GENERAL EXPLANATIONS—Wage earners and wages.

TABLE 5.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY NUMBER OF WAGE EARNERS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR)[1]		VALUE OF PRODUCTS	VALUE ADDED BY MANUFACTURE[2]
	1939	1929	1939	1929	1939	1939
All establishments	2,289	2,796	131,874	118,234	$728,087,825	$320,341,902
No wage earners	52	41			7,367,978	2,631,567
1 to 5	848	1,444	2,392	4,690	21,687,192	10,401,675
6 to 20	605	567	6,576	6,116	43,715,132	18,312,617
21 to 50	298	279	9,842	9,245	59,671,557	24,590,299
51 to 100	178	198	12,689	14,207	85,587,627	32,635,383
101 to 250	187	178	30,129	28,543	141,846,707	62,033,155
251 to 500	88	57	31,567	20,212	122,879,204	51,499,503
501 to 1,000	19	18	14,541	11,471	75,688,288	35,077,665
1,001 to 2,500	12	13	[3] 24,138	23,750	169,644,140	83,160,038
2,501 or more	2	1				

See headnotes to tables 3 and 4.
See GENERAL EXPLANATIONS—Value added by manufacture.
Combined to avoid disclosing data for individual establishments.

TABLE 6.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY VALUE OF PRODUCTS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
All establishments	2, 289	2, 796	131, 874	118, 234	$728, 087, 825	$687, 221, 506	$320, 341, 902	$301, 783, 348
$5,000 to $19,999	719	1, 198	3, 170	3, 986	7, 917, 644	12, 050, 798	4, 497, 985	7, 015, 413
$20,000 to $49,999	467	510	3, 820	4, 007	14, 904, 532	16, 245, 729	7, 771, 952	9, 591, 418
$50,000 to $99,999	310	289	5, 104	4, 365	22, 133, 401	20, 367, 584	11, 180, 704	10, 411, 213
$100,000 to $249,999	291	309	12, 068	11, 597	45, 875, 852	49, 626, 947	21, 316, 834	25, 406, 719
$250,000 to $499,999	208	177	18, 935	15, 368	74, 814, 848	64, 232, 053	32, 513, 129	30, 592, 568
$500,000 to $999,999	154	161	25, 662	21, 916	110, 660, 802	111, 384, 605	51, 329, 752	50, 083, 068
$1,000,000 to $2,499,999	101	105	29, 491	21, 678	151, 105, 112	155, 985, 595	61, 777, 536	62, 443, 719
$2,500,000 to $4,999,999	27	33	14, 786	19, 888	97, 333, 162	114, 292, 007	37, 598, 567	44, 725, 751
$5,000,000 and over	12	14	18, 838	15, 429	203, 342, 472	143, 036, 188	92, 355, 443	61, 513, 479

[1] See headnotes to tables 3 and 4.

[2] See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 7.—ESTABLISHMENTS CLASSIFIED AS UNDER CORPORATE OR OTHER FORM OF OWNERSHIP (OR CONTROL) AND AS UNDER CENTRAL-ADMINISTRATIVE-OFFICE OR INDEPENDENT OPERATION: 1939 AND 1929

TYPE OF OWNERSHIP OR CONTROL, AND OF OPERATION	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
Total	2, 289	2, 796	131, 874	118, 234	$728, 087, 825	$687, 221, 506	$320, 341, 902	$301, 783, 348
TYPE OF OPERATION								
1939 [3]								
Corporate ownership or control:								
Central-administrative-office (plural-unit)	567	(3)	74, 193	(3)	491, 172, 209	(3)	211, 643, 019	(3)
Independent (single-unit)	730	(3)	46, 375	(3)	191, 584, 606	(3)	89, 609, 823	(3)
Noncorporate ownership:								
Central-administrative-office (plural-unit)	87	(3)	2, 304	(3)	7, 716, 944	(3)	3, 041, 783	(3)
Independent (single-unit)	905	(3)	9, 002	(3)	37, 614, 066	(3)	16, 047, 277	(3)
1939 AND 1929 [3]								
Central-administrative-office (plural-unit), corporate and noncorporate	654	404	76, 497	53, 685	498, 889, 153	351, 880, 478	214, 684, 802	150, 160, 040
Independent (single-unit), corporate and noncorporate	1, 635	2, 392	55, 377	64, 549	229, 198, 672	335, 341, 028	105, 657, 100	151, 623, 308
TYPE OF OWNERSHIP OR CONTROL								
Corporate	1, 297	1, 225	120, 568	105, 115	682, 756, 815	630, 200, 588	301, 252, 842	273, 775, 245
Noncorporate, total	992	1, 571	11, 306	13, 119	45, 331, 010	57, 020, 918	19, 089, 060	28, 008, 103
Individual	624	(4)	6, 002	(4)	22, 535, 254	(4)	9, 762, 416	(4)
Partnership	355	(4)	5, 037	(4)	21, 778, 252	(4)	8, 813, 487	(4)
Cooperative	7	(4)	225	(4)	595, 488	(4)	284, 048	(4)
Other	6	(4)	42	(4)	422, 016	(4)	229, 109	(4)

[1] See headnotes to tables 3 and 4.

[2] See GENERAL EXPLANATIONS—Value added by manufacture.

[3] Because of changes in the questionnaire, no comparable figures for 1929 can be given for the first section of this table. For this reason, the items have been regrouped under "1939 and 1929" to present comparable figures so far as this can be done.

[4] No data.

TABLE 8.—GENERAL STATISTICS FOR

[This table presents separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments, given, however, reported larger numbers of wage earners or

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS[1] Total[2]	Salaried officers of corporations[3]	Manufacturing: Salaried employees[4]	Manufacturing: Wage earners (average for year)[5]	Distribution	Construction	Other
1		All industries, total	2,289	1,462	153,166	1,645	10,801	131,874	7,128	1,297	421
2	17	Agricultural machinery (except tractors)	4		372	6	50	311	4	1	
3	6	Baskets for fruits and vegetables	3	3	122	2	5	114	1		
4	16	Batteries, storage and primary (dry and wet)	4	2	126	5	13	96	12		
5	1	Biscuit, crackers, and pretzels	6	4	552	1	21	514	12		4
6	1	Blended and prepared flour made from purchased flour	12	4	245	11	26	173	35		
7	8	Bookbinding and related industries	6	8	766	4	67	666	20	9	
8	8	Books, publishing without printing	4	2	97	1	40		56		
9	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	117	110	2,929	44	209	2,415	206	12	43
10	13	Brick and hollow structural tile	17	8	949	12	35	874	25	1	2
11	20	Brooms	7	4	81	2	3	71	5		
12	1	Candy and other confectionery products	19	21	852	17	63	613	147	8	4
13	1	Canned and dried fruits and vegetables (including canned soups)	24	24	938	7	53	833	41	3	1
14	4	Canvas products (except bags)	8	12	90		8	66	11		5
15	3	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	3	2	599	6	37	556			
16	6	Caskets, coffins, burial cases, and other morticians' goods	22	15	386	17	35	302	32		
17	14	Cast-iron pipe and fittings	3		1,257	3	56	1,180	18		
18	13	Cement	6		886	10	64	733	45	34	
19	1	Cheese	25	9	165	8	25	120	12		
20	9	Chemicals not elsewhere classified	9		3,044	9	331	2,129	27	533	15
21	13	Clay products (except pottery), not elsewhere classified	5		137	1	8	128			
22	9	Cleaning and polishing preparations, blackings, and dressings	5	5	55	2	10	21	22		
23	9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	10		102		11	64	27		
24	13	Concrete products	20	5	433	18	36	338	37	3	1
25	1	Condensed and evaporated milk	6	1	314	1	31	258	10	6	8
26	17	Construction and similar machinery (except mining and oil-field machinery and tools)	4		213	10	20	137	39	3	4
27	7	Converted paper products not elsewhere classified	3	1	202	5	17	165	15		
28	1	Cooking and other edible fats and oils not elsewhere classified	6		750	2	105	581	62		
29	6	Cooperage	10	8	519	1	30	482	4	2	
30	3	Cotton broad woven goods	5		4,423	10	119	4,289	5		
31	9	Cottonseed oil, cake, meal, and linters	15	1	1,187	14	99	1,020	47	5	2
32	3	Cotton yarn	8	2	2,322	6	80	2,235	1		
33	1	Creamery butter	32	16	278	6	50	203	16	3	
34	4	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	6	2	503	6	14	453	20	9	1
35	9	Drugs and medicines (including drug grinding)	22	6	1,394	36	91	649	612	1	5
36	3	Dyeing and finishing cotton, rayon, silk, and linen textiles	6	2	1,845	12	151	1,671	11		
37	16	Electrical appliances	4	4	31		4	27			
38	8	Electrotyping and stereotyping, not done in printing establishments	4	1	69	7	13	41	8		
39	8	Engraving (steel, copperplate, and wood); plate printing	3	3	14	3	1	10			
40	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	19	7	847	26	89	711	21		
41	9	Fertilizers	12		718	6	46	593	69	4	
42	1	Flavoring extracts and flavoring sirups, not elsewhere classified	8	4	179	8	16	127	25		3
43	1	Flour and other grain-mill products	126	155	1,375	50	156	901	251	9	8
44	1	Food preparations not elsewhere classified	13	11	168	6	12	115	35		
45	12	Footwear (except rubber)	14		4,985	10	163	4,757	55		
46	8	General commercial (job) printing	108	106	1,488	67	177	1,121	122		1
47	14	Gray-iron and semisteel castings	20	11	744	15	51	671	7		
48	9	Hardwood distillation and charcoal manufacture	3		648	3	84	530	11	20	
49	3	Hosiery—full-fashioned	22	2	5,018	21	153	4,762	61	20	1
50	3	Hosiery—seamless	51	11	11,241	69	384	10,714	54	15	5
51	4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	4	2	421	5	12	392	12		
52	4	Housefurnishings (except curtains, draperies, and bedspreads)	4	2	128	7	10	101	10		
53	6	Household furniture except upholstered	25	13	3,035	26	128	2,742	131	8	
54	1	Ice cream and ices	18	39	623	13	64	258	261	3	21
55	1	Ice, manufactured	118	40	977	32	80	346	511	2	6
56	12	Industrial leather belting and packing leather	3		48	11	6	27	4		
57	17	Industrial machinery not elsewhere classified	3	2	23	3	2	16	2		
58	9	Insecticides, fungicides, and related industrial and household chemical compounds	17	17	310	21	11	168	108		2
59	3	Knitted cloth	4		1,037	7	40	961	4	25	
60	3	Knitted underwear	7	1	4,118	15	178	3,908	17		
61	13	Lime	15	6	654	16	40	584	11	3	
62	8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	5		105	9	10	72	14		
63	8	Machine and hand typesetting (including advertisement typesetting)	6	4	59	6	11	42			
64	17	Machine-shop products not elsewhere classified	10	6	471	7	40	349	75		
65	17	Machine-shop repairs	34	47	255	1	26	225	2		1
66	1	Malt liquors	3		253	7	17	143	86		
67	6	Mattresses and bedsprings	21	17	779	19	62	638	55		5
68	1	Meat packing, wholesale	19	10	2,232	33	168	1,524	484	15	8
69	4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	5	3	1,447	1	28	1,408	8		2
70	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	9	5	2,548	12	96	2,418	22		
71	13	Minerals and earths, ground or otherwise treated	8		250	5	16	216	13		

See footnotes at end of table.

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and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures are larger values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [3]	Manufacturing: Salaries [2]	Manufacturing: Wages	Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
150,670,561	8,388,027	19,435,704	109,661,769	11,295,049	1,379,035	510,977	407,745,923	384,872,373	8,114,866	11,018,770	3,739,914	728,087,825	320,341,902	1
461,865	51,600	94,352	304,568	10,433	912	----	532,105	495,704	19,940	16,461	----	1,450,083	917,978	2
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	3
130,667	7,864	24,034	82,725	16,044	----	----	588,521	568,603	3,479	16,439	----	942,164	353,643	4
577,036	10,000	51,634	432,492	75,689	900	6,321	1,147,302	1,120,248	16,684	10,370	----	2,809,259	1,661,957	5
235,952	43,814	36,204	108,614	47,320	----	----	3,108,386	3,094,524	1,325	12,537	----	3,761,960	653,574	6
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	7
41,200	2,400	15,949	----	22,851	----	----	60,019	4,357	----	----	55,662	196,447	136,428	8
3,102,320	201,762	327,761	2,294,151	224,920	20,199	33,527	5,929,840	5,686,085	145,881	97,874	----	12,923,463	6,993,623	9
780,121	56,946	63,742	585,081	64,569	8,391	1,392	465,882	107,308	287,123	67,954	3,497	1,640,361	1,174,479	10
55,032	3,056	3,149	41,985	6,842	----	----	132,230	129,835	438	1,957	----	201,637	69,407	11
850,118	107,579	84,682	410,743	229,062	13,901	4,151	2,143,404	2,101,712	25,222	16,470	----	3,484,346	1,340,942	12
405,346	61,080	57,347	265,982	17,261	3,516	160	2,185,323	2,148,317	27,093	9,913	----	2,945,792	760,469	13
100,880	----	10,205	67,318	16,162	----	7,195	215,154	211,855	1,782	1,317	200	388,886	173,732	14
(5)	(5)	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	15
399,491	40,763	57,598	241,013	60,117	----	----	768,574	751,894	7,132	8,938	610	1,367,428	598,854	16
1,399,117	8,400	122,834	1,221,914	45,969	----	----	1,414,869	1,256,314	121,678	36,877	----	3,324,259	1,909,390	17
1,200,118	82,887	174,561	781,745	134,546	26,379	----	1,660,850	742,356	452,669	465,825	----	5,611,453	3,950,603	18
153,646	15,920	29,112	95,661	12,953	----	----	1,791,824	1,757,785	16,428	17,611	----	2,168,340	376,516	19
4,177,383	77,476	808,176	2,679,920	80,860	522,872	8,079	9,575,569	7,526,589	865,548	1,183,432	----	25,639,499	16,063,930	20
(5)	(5)	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	21
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	22
135,827	----	21,547	71,748	42,532	----	----	171,078	110,783	884	59,411	----	760,991	589,913	23
428,986	71,517	52,290	247,968	52,646	4,115	450	1,008,034	964,578	21,831	21,625	----	1,845,908	837,874	24
326,067	4,800	48,006	250,116	10,135	6,250	6,760	2,941,067	2,874,539	50,972	15,556	----	3,911,843	970,776	25
390,947	102,562	34,317	157,848	94,055	695	1,470	568,486	557,636	1,291	5,559	4,000	1,270,482	701,996	26
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	27
928,199	56,000	216,831	533,871	121,497	----	----	17,353,562	16,941,574	185,533	117,805	108,650	19,787,646	2,434,084	28
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	29
3,624,392	106,490	279,013	3,234,860	4,029	----	----	4,950,184	4,554,479	116,194	279,511	----	9,708,887	4,758,703	30
1,030,961	105,874	190,463	652,719	77,288	3,367	1,250	13,086,673	12,789,588	204,841	92,244	----	15,390,972	2,304,299	31
1,692,644	21,671	127,572	1,542,499	902	----	----	3,815,184	3,540,066	18,607	256,511	----	6,740,718	2,925,534	32
268,112	12,300	75,163	154,352	24,812	1,485	----	3,779,144	3,721,685	17,924	39,535	----	4,460,670	681,526	33
260,938	15,200	16,325	183,410	39,920	5,322	761	683,870	674,435	2,850	6,585	----	1,222,193	538,323	34
1,973,802	196,533	146,910	521,646	1,102,873	1,425	4,415	3,107,062	3,076,601	10,867	19,594	----	8,056,602	4,949,540	35
1,849,422	106,135	309,570	1,406,356	27,361	----	----	3,106,041	2,875,124	141,289	89,628	----	7,169,897	4,063,856	36
(5)	----	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	37
132,739	25,410	21,357	69,285	16,687	----	----	35,919	30,208	2,434	3,277	----	244,427	208,508	38
9,005	2,780	624	5,601	----	----	----	12,453	11,639	258	406	150	33,051	20,598	39
1,002,433	138,526	179,829	646,375	37,703	----	----	2,218,879	2,176,020	4,007	37,790	1,062	3,980,758	1,761,879	40
679,609	27,410	76,066	419,485	148,129	8,160	359	3,278,961	3,219,179	1,056	58,726	----	5,402,166	2,123,205	41
226,175	89,500	25,938	59,046	49,651	----	2,040	649,715	645,507	1,646	2,562	----	1,587,015	937,300	42
1,389,791	139,716	208,981	671,336	349,982	13,517	6,259	12,670,801	12,454,412	88,364	128,025	----	16,147,788	3,476,987	43
153,470	20,593	19,263	70,102	43,512	----	----	889,883	879,583	7,003	3,297	----	1,266,061	376,178	44
4,332,498	83,088	297,283	3,856,872	95,255	----	----	10,645,889	10,556,398	16,835	72,656	----	17,740,737	7,094,848	45
1,965,663	205,213	262,769	1,301,642	195,623	----	416	2,602,557	2,470,820	16,655	46,920	68,162	6,108,462	3,505,905	46
733,415	60,021	90,681	574,566	8,147	----	----	938,724	826,991	85,656	26,077	----	2,006,176	1,067,452	47
725,703	22,900	165,372	490,227	28,237	18,967	----	1,118,009	892,138	205,613	20,258	----	2,094,188	976,179	48
5,140,919	123,119	330,345	4,578,557	84,299	16,672	7,927	5,891,763	5,712,148	38,524	105,283	35,808	13,420,085	7,528,322	49
7,635,777	298,726	635,015	6,582,785	106,188	9,937	3,126	9,992,603	9,743,721	112,554	134,983	1,345	20,378,878	10,386,275	50
273,150	32,200	18,095	199,043	23,812	----	----	625,802	620,484	1,281	4,037	----	1,063,686	437,884	51
116,800	10,413	17,417	55,248	33,722	----	----	445,284	443,514	376	1,394	----	651,853	206,569	52
2,653,126	199,988	241,532	1,913,331	297,516	759	----	3,674,338	3,570,793	28,053	73,161	2,331	7,740,655	4,066,317	53
707,934	41,331	100,492	199,104	329,627	2,692	34,688	2,012,569	1,908,592	16,552	87,425	----	4,014,884	2,002,315	54
869,719	92,923	117,521	274,645	380,674	1,426	2,530	536,105	141,079	117,369	277,657	----	2,517,659	1,981,551	55
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	56
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	57
390,665	62,497	19,522	108,801	197,845	----	1,000	864,895	841,983	14,904	4,323	3,685	1,990,313	1,125,418	58
812,087	44,100	74,870	662,772	6,760	23,585	----	1,941,384	1,850,294	19,607	71,483	----	3,433,203	1,491,819	59
3,132,836	169,857	263,050	2,660,485	39,444	----	----	4,359,557	4,211,634	50,416	77,488	20,019	8,622,366	4,262,809	60
468,624	61,910	65,177	321,739	17,261	2,537	----	353,224	158,881	163,942	30,401	----	1,086,567	733,343	61
182,844	31,340	18,718	104,092	28,694	----	----	139,826	115,396	1,460	3,481	19,489	426,488	286,662	62
97,871	14,960	16,336	66,575	----	----	----	11,599	8,661	911	2,027	----	171,742	160,143	63
590,237	34,492	74,451	378,707	102,587	----	----	632,205	593,992	17,460	14,155	6,598	1,464,636	832,431	64
330,540	3,500	34,759	289,028	2,299	----	954	236,264	219,338	5,564	10,879	483	886,204	649,940	65
376,964	29,299	36,957	189,342	121,366	----	----	361,029	320,280	37,803	2,946	----	1,245,501	884,472	66
857,775	146,267	95,004	502,979	106,232	----	7,293	1,728,860	1,701,322	8,334	19,204	----	3,341,821	1,612,961	67
2,779,864	224,649	324,317	1,451,068	755,773	18,600	5,457	23,173,025	22,956,566	129,178	87,281	----	28,266,104	5,093,079	68
711,232	15,000	56,918	628,018	9,676	----	1,620	1,514,313	1,502,104	1,297	10,912	----	2,525,921	1,011,608	69
2,165,404	79,370	152,470	1,888,800	44,764	----	----	4,457,464	4,429,312	13,021	15,131	----	9,246,771	4,789,307	70
302,633	23,200	24,521	170,991	83,921	----	----	426,700	364,501	11,410	50,789	----	1,441,636	1,014,936	71

TABLE 8.—GENERAL STATISTICS FOR

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS[1]: Total[2]	Salaried officers of corporations[2]	Manufacturing: Salaried employees[2]	Manufacturing: Wage earners (average for year)[3]	Distribution	Construction	Other
1	13	Mirrors and other glass products made of purchased glass	4	2	117		11	102	4		
2	20	Miscellaneous fabricated products not elsewhere classified	3	2	58	1	4	51	2		
3	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	22	18	1,464	17	103	1,276	62	6	
4	18	Motor vehicles, motor-vehicle bodies, parts, and accessories	3	2	1,148	1	67	1,016	61	3	
5	8	Newspapers: publishing and printing	92	87	2,566	43	774	1,325	424		
6	8	Newspapers: publishing without printing	4	2	14		14				
7	1	Nonalcoholic beverages	98	55	1,541	88	140	610	692	1	10
8	15	Nonferrous-metal foundries (except aluminum)	3	2	100		7	92	1		
9	9	Paints, varnishes, and lacquers	9	3	326	13	45	203	63		2
10	7	Paper and paperboard mills	6		825	5	79	736	5		
11	7	Paperboard containers and boxes not elsewhere classified	14	3	827	19	39	742	26		1
12	6	Partitions, shelving, cabinet work, and office and store fixtures	3	7	9		2	7			
13	20	Pencils (except mechanical) and crayons	5	3	436	11	47	375	2	1	
14	9	Perfumes, cosmetics, and other toilet preparations	8	3	259	12	49	158	36	2	2
15	8	Periodicals: publishing and printing	14	3	668	17	174	437	40		
16	8	Periodicals: publishing without printing	8	1	308	7	266	33	2		
17	8	Photoengraving, not done in printing establishments (including preparation of plates)	9	10	72	9	8	48	7		
18	5	Planing mills not operated in conjunction with sawmills	86	56	3,711	63	170	3,341	118	3	16
19	1	Poultry dressing and packing, wholesale	6	2	182		18	154	7	3	
20	14	Power boilers and associated products	6		999	13	137	826	22	1	
21	1	Prepared feeds (including mineral) for animals and fowls	23	22	854	16	116	570	145	5	2
22	1	Preserves, jams, jellies, and fruit butters	3	4	9			7	2		
23	7	Pulp mills	6		855	6	78	747		24	
24	9	Rayon and allied products	4		11,014	4	1,267	9,190	23	344	186
25	17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	4	2	431		22	408	1		
26	10	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	3	1	89		15	74			
27	11	Rubber products not elsewhere classified	4	2	38	3	2	31	2		
28	12	Saddlery, harness, and whips	9	4	367	9	35	299	24		
29	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	14	7	115	6	8	88	10	3	
30	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	238	230	5,857	77	323	5,178	259	20	
31	13	Sheet-metal work not specifically classified	6	1	75	4	7	46	16		2
32	20	Signs, advertising displays, and advertising novelties	15	8	245	15	24	171	35		
33	9	Soap and glycerin	3	4	26	1	2	20	3		
34	20	Sporting and athletic goods not elsewhere classified	5	1	365	7	21	321	16		
35	14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	19	3	4,471	38	235	4,006	180	12	
36	20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	5	5	18	1	1	12	4		
37	9	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	6		280	5	20	253	2		
38	4	Textile bags—not made in textile mills	5	4	746		36	679	27	2	2
39	17	Textile machinery	3		35	3	4	25	3		
40	14	Tin cans and other tinware not elsewhere classified	3		125	2	9	101	13		
41	2	Tobacco (chewing and smoking) and snuff	10	5	1,253	4	86	1,131	29		3
42	6	Upholstered household furniture	12	7	870	12	51	789	17	1	
43	1	Vinegar and cider	4	2	67	3	6	47	7		4
44	14	Vitreous-enameled products, including kitchen, household, and hospital utensils	4		1,054	11	46	982	15		
45	14	Wirework not elsewhere classified	5	1	239	4	21	208	6		
46	6	Wooden boxes except cigar boxes	10	3	877	15	42	790	15	13	2
47	6	Wood preserving	3		272		21	251			
48	6	Wood products not elsewhere classified	40	18	2,396	29	154	2,183	29	1	
49	17	Woodworking machinery	3	1	105	6	7	66	26		
50	3	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	7		1,839	18	65	1,744	12		
51	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	21	10	3,553	20	95	3,354	75	4	5
52	4	Work gloves and mittens: cloth, cloth and leather combined	3	2	362	4	15	340	3		
53	4	Work shirts	20	2	4,405	8	111	4,261	17		8
54		Other industries[6]	219	96	24,152	215	1,995	21,285	534	105	18
		OTHER INDUSTRIES, BY INDUSTRY GROUPS[6]									
55	1	Food and kindred products	11	2	328	12	19	229	60	1	7
56	3	Textile-mill products and other fiber manufactures	18	2	3,441	20	104	3,289	10	12	6
57	4	Apparel and other finished products made from fabrics and similar materials	12	5	1,128	15	32	1,050	30		1
58	6	Furniture and finished lumber products	23	14	1,392	12	80	1,291	7	2	
59	7	Paper and allied products	13	3	1,166	12	107	1,002	45		
60	8	Printing, publishing, and allied industries	18	16	1,203	17	352	791	34	9	
61	9	Chemicals and allied products	16	12	304	6	37	227	33	1	
62	10	Products of petroleum and coal	6	1	187	3	23	160	1		
63	12	Leather and leather products	7	4	506	13	41	442	10		
64	13	Stone, clay, and glass products	16	6	1,546	17	94	1,374	35	25	1
65	14	Iron and steel and their products, except machinery	17	3	3,198	32	221	2,857	87	1	
66	16	Electrical machinery	7	4	81	3	12	66			
67	17	Machinery (except electrical)	22	11	1,220	27	96	1,015	79		3
68	19	Transportation equipment, except automobiles	5	1	81	4	9	68			
69	20	Miscellaneous industries	12	5	366	15	28	279	40	4	
70	15	Nonferrous metals and their products	9	3	4,503	3	477	3,975	1	47	
	18	Automobiles and automobile equipment	3	2	1,148	1	67	1,016	61	3	
	2	Tobacco manufactures	1								
	5	Lumber and timber basic products	2	2	2,354	3	196	2,154	1		
	11	Rubber products	1								

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.

[2] Figures do not include data for personnel of central-administrative offices.

THE STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
		Manufacturing												
Total [2]	Salaries of officers of corporations [2]	Salaries [2]	Wages	Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	
109,258	----	22,653	80,647	5,958	----	----	284,947	279,952	2,687	2,308	----	508,010	223,063	1
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	2
1,420,613	71,170	147,034	1,083,084	111,045	8,280	----	1,453,447	1,273,405	71,873	101,627	6,542	4,229,081	2,775,634	3
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	4
4,137,953	195,001	1,231,231	2,004,445	707,276	----	----	2,479,360	2,346,792	26,017	78,130	28,421	10,714,622	8,235,262	5
17,944	----	17,944	----	----	----	----	27,927	3,820	----	----	24,107	59,391	31,464	6
1,977,924	421,165	231,592	522,175	787,173	2,500	13,319	4,475,333	4,392,572	26,437	53,479	2,845	10,746,804	6,271,471	7
(5)	----	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	8
526,039	102,044	80,654	208,432	132,829	----	2,080	2,233,909	2,211,860	7,585	14,464	----	3,278,748	1,044,839	9
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	10
883,831	122,110	72,173	632,480	54,523	----	2,545	2,13[illegible],464	2,101,234	20,369	15,861	----	3,824,535	1,687,071	11
7,953	----	1,606	6,347	----	----	----	19,014	18,466	142	406	----	49,534	30,520	12
299,962	27,196	50,802	217,186	3,478	1,300	----	899,639	880,834	4,673	14,132	----	1,450,941	551,302	13
401,947	173,415	53,705	117,208	52,508	1,806	3,305	750,294	727,041	2,525	2,278	18,450	1,707,244	956,950	14
842,814	62,542	192,453	516,777	71,042	----	----	885,132	763,472	10,704	20,650	90,306	2,308,742	1,423,610	15
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	16
169,814	31,029	14,098	112,225	12,462	----	----	55,671	50,241	813	3,125	1,492	350,333	294,662	17
3,166,037	256,124	280,542	2,450,934	156,623	2,149	19,665	7,170,731	7,050,650	28,120	64,709	27,252	12,623,290	5,452,559	18
134,163	----	30,742	93,036	8,900	1,485	----	1,286,138	1,276,513	2,903	6,722	----	1,474,625	188,487	19
1,231,356	101,640	239,346	848,833	39,412	2,125	----	2,035,128	1,919,829	48,399	66,900	----	3,692,661	1,657,533	20
1,005,307	93,967	195,661	405,491	300,611	8,239	1,338	9,884,585	9,805,879	20,253	58,453	----	13,218,476	3,333,891	21
7,824	----	----	5,527	2,297	----	----	66,793	66,295	400	98	----	82,305	15,512	22
1,085,789	62,052	191,951	806,974	----	24,812	----	4,107,606	3,684,384	300,123	123,099	----	7,257,350	3,149,744	23
15,179,069	59,117	2,802,166	11,606,377	46,906	387,175	277,328	21,547,531	20,464,514	1,061,492	15,283	6,242	59,724,728	38,177,197	24
(5)	----	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	25
(5)	----	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	26
34,090	8,552	2,080	20,401	3,057	----	----	81,710	80,652	388	670	----	155,704	73,994	27
327,494	31,220	36,920	226,173	33,181	----	----	746,761	738,584	2,360	5,817	----	1,274,876	528,115	28
114,558	16,780	10,939	74,044	12,455	340	----	1,322,078	1,305,001	5,610	11,467	----	1,613,897	291,819	29
3,934,902	322,325	451,531	2,887,013	263,522	10,511	----	5,924,054	5,345,616	81,532	31,837	465,069	12,629,704	6,705,650	30
91,926	17,531	9,908	40,946	21,410	----	2,131	472,831	470,217	704	1,910	----	655,936	183,105	31
273,054	51,639	23,682	157,361	40,372	----	----	289,833	280,473	3,184	4,264	1,912	713,024	423,191	32
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	33
248,651	22,386	28,703	176,274	21,288	----	----	189,108	181,448	1,239	6,421	----	579,220	390,112	34
4,162,942	282,211	346,287	3,048,321	472,187	13,936	----	5,673,914	4,854,784	151,134	149,591	518,405	12,413,930	6,740,016	35
24,451	4,314	1,095	13,884	5,158	----	----	16,873	15,939	188	746	----	71,359	54,486	36
335,738	43,357	51,869	217,303	23,209	----	----	1,060,099	948,581	110,350	1,168	----	1,802,202	742,103	37
653,448	----	57,561	516,860	74,878	2,923	1,226	5,299,188	5,274,367	7,366	17,455	----	6,983,935	1,684,747	38
34,969	6,240	3,216	19,585	5,928	----	----	86,472	85,111	530	831	----	151,639	65,167	39
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	40
1,171,980	47,740	213,426	845,156	62,664	----	2,994	8,736,561	8,492,188	41,433	19,036	183,904	14,577,399	5,840,838	41
719,398	50,561	79,746	560,098	27,803	1,190	----	1,106,457	1,060,955	15,965	16,922	12,615	2,107,895	1,001,438	42
62,774	9,194	8,978	26,628	13,900	----	4,074	175,671	168,378	4,441	2,852	----	299,297	123,626	43
1,047,777	69,733	83,633	819,220	75,191	----	----	1,470,336	1,266,077	82,165	122,094	----	3,335,560	1,865,224	44
194,907	22,300	23,176	142,461	6,970	----	----	467,498	453,353	6,571	7,574	----	903,658	436,160	45
598,462	72,640	57,329	440,354	21,505	5,274	1,360	703,845	691,405	4,633	7,807	----	1,599,476	895,631	46
(5)	----	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	47
1,993,918	93,800	296,552	1,568,033	31,799	3,734	----	2,855,281	2,787,527	38,289	29,264	201	6,291,502	3,436,221	48
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	49
1,429,200	86,458	124,348	1,193,635	24,759	----	----	2,609,873	2,498,437	58,272	53,164	----	4,946,051	2,336,178	50
2,225,827	54,255	129,678	1,895,582	139,516	5,006	1,790	9,470,963	8,355,663	7,634	35,282	1,072,384	14,191,538	4,720,575	51
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	52
2,475,262	37,840	130,854	2,273,652	18,108	----	14,808	5,750,412	5,330,469	11,071	37,562	371,310	10,216,576	4,466,164	53
26,981,145	1,133,452	3,862,843	20,817,655	994,112	159,669	13,414	106,704,620	98,907,331	1,859,244	5,361,339	576,706	173,542,039	66,837,419	54
304,654	23,090	31,471	149,865	94,558	1,690	3,980	1,788,078	1,765,136	9,999	12,943	----	2,389,334	601,256	55
2,429,729	97,888	161,759	2,150,740	13,531	500	5,311	5,572,791	5,313,261	27,238	232,292	----	9,285,446	3,712,655	56
833,290	83,584	40,056	671,867	37,194	----	589	1,008,837	996,369	3,300	9,168	----	2,211,863	1,203,026	57
1,260,761	68,188	170,769	998,864	18,940	4,000	----	3,464,910	3,385,855	58,062	18,646	2,347	5,587,479	2,122,569	58
1,419,237	69,037	212,561	1,057,077	80,562	----	----	4,205,654	3,908,776	247,594	49,284	----	7,526,601	3,320,947	59
1,890,442	129,100	647,560	929,718	123,593	60,471	----	1,394,398	840,249	17,134	19,340	517,675	5,016,601	3,622,203	60
265,710	12,153	61,850	167,284	21,244	3,179	----	1,702,939	1,524,452	170,907	7,580	----	2,163,355	460,416	61
192,043	13,000	41,487	136,202	1,354	----	----	1,503,069	1,441,060	41,297	20,712	----	2,308,145	805,076	62
502,179	74,080	65,169	351,481	11,449	----	----	2,144,547	2,065,805	23,112	24,073	31,557	2,976,380	831,833	63
1,666,738	113,535	169,118	1,298,000	69,536	15,581	968	1,736,834	1,329,324	329,249	78,261	----	4,313,199	2,576,365	64
3,498,338	206,351	406,021	2,698,687	185,587	1,692	----	5,110,677	4,433,896	434,603	220,411	21,767	10,947,688	5,837,011	65
85,777	11,300	21,940	52,537	----	----	----	177,826	165,117	6,093	6,616	----	358,549	180,723	66
1,445,189	129,347	189,213	992,812	131,251	----	2,566	2,996,229	2,908,955	36,057	51,217	----	5,867,044	2,870,815	67
106,393	15,550	24,092	66,751	----	----	----	170,295	164,873	2,106	2,916	400	331,192	160,897	68
384,209	46,215	40,522	241,144	51,360	4,968	----	630,371	609,200	6,677	11,534	2,960	1,342,891	712,520	69
10,696,456	41,034	1,579,255	8,854,626	153,953	67,588	----	73,097,165	68,055,003	445,816	4,596,346	----	110,916,272	37,819,107	70

[3] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.
[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[6] For numbers of establishments and of wage earners in individual industries, see table 11.

TABLE 9.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939

[This table presents, for each city in the State having 100,000 or more inhabitants, separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures are given, however, reported larger numbers of wage earners or larger values of products than some of those shown separately. No data for nonmanufacturing personnel, except salaried officers of corporations, are included in this table]

Code	Industry	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations[1]	*Salaried employees[1]	*Wage earners (average for year)	Salaries of officers of corporations[1]	Salaries of employees[1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture[2]
	CHATTANOOGA											
	All industries, total	250	107	253	1,287	17,166	$1,544,779	$2,272,398	$14,993,110	$41,372,051	$77,569,596	$36,197,545
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	15	13	7	22	263	20,302	37,531	253,015	685,325	1,550,560	865,235
9	Drugs and medicines (including drug grinding)	5		14	14	178	(4)	(4)	(4)	(4)	(4)	(4)
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	3	1	6	8	67	24,980	10,315	66,374	218,637	335,087	116,450
7	Flavoring extracts and flavoring syrups not elsewhere classified	3	2	4	11	19	(4)	(4)	(4)	(4)	(4)	(4)
8	General commercial (job) printing	17	15	13	13	81	31,640	16,989	102,228	131,558	395,707	264,149
14	Gray-iron and semisteel castings	4	1	2	11	140	4,400	24,752	111,933	177,737	452,694	274,957
3	Hosiery—full-fashioned	4		7	36	1,513	55,611	81,418	1,662,467	1,775,626	4,963,067	3,187,441
3	Hosiery—seamless	7	4	8	86	2,108	49,116	153,923	1,420,077	1,737,219	3,934,193	2,196,974
6	Household furniture except upholstered	3	2	2	19	608	9,300	40,371	472,912	934,647	1,655,031	720,384
1	Ice cream and ices	6	1		11	22		23,260	22,330	255,678	566,492	310,814
1	Ice, manufactured	8	3	5	9	43	16,080	14,471	33,305	56,910	254,414	197,504
17	Machine-shop products not elsewhere classified	4	2	3	24	196	(4)	(4)	(4)	(4)	(4)	(4)
17	Machine-shop repairs	5	4	1	5	38	(4)	(4)	(4)	(4)	(4)	(4)
6	Mattresses and bedsprings	4	2	1	11	98	(4)	(4)	(4)	(4)	(4)	(4)
1	Meat packing, wholesale	3	2	4	6	79	(4)	(4)	(4)	(4)	(4)	(4)
8	Newspapers: publishing and printing	3	1	5	114	190	(4)	(4)	(4)	(4)	(4)	(4)
1	Nonalcoholic beverages	8	5	12	13	52	61,748	15,378	47,494	518,579	1,289,460	770,881
7	Paperboard containers and boxes not elsewhere classified	3		5	11	381	36,503	24,019	333,614	1,131,805	1,985,557	853,752
7	Planing mills not operated in conjunction with sawmills	6	3	7	12	101	19,050	19,638	90,710	160,184	353,278	193,094
14	Power boilers and associated products	3		5	128	731	(4)	(4)	(4)	(4)	(4)	(4)
14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	3		6	34	375	(4)	(4)	(4)	(4)	(4)	(4)
6	Upholstered household furniture	4	1	6	19	388	34,840	32,752	290,422	540,553	1,049,495	508,942
7	Wooden boxes except cigar boxes	3		5	12	276	51,600	21,635	189,711	393,098	811,443	418,345
	Other industries[3]	139	58	168	1,005	11,125	1,129,609	1,755,946	9,896,518	32,654,495	57,973,118	25,318,623
	OTHER INDUSTRIES, BY INDUSTRY GROUPS[5]											
1	Food and kindred products	22	15	18	94	771	139,776	177,976	678,651	11,028,577	13,696,688	2,668,111
3	Textile-mill products and other fiber manufactures	9	3	12	105	2,689	135,910	174,838	2,004,759	4,478,511	8,751,911	4,273,400
4	Apparel and other finished products made from fabrics and similar materials	8	7	6	24	523	35,550	28,776	236,021	788,345	1,422,082	633,737
6	Furniture and finished lumber products	10	5	10	31	327	52,076	55,897	308,350	1,147,656	1,963,274	815,618
8	Printing, publishing, and allied industries	14	7	15	149	234	75,339	227,823	308,664	465,436	1,697,686	1,232,250
9	Chemicals and allied products	12	4	26	39	351	218,448	78,922	314,853	1,970,891	3,634,791	1,663,900
13	Stone, clay, and glass products	9	3	11	40	650	60,200	77,140	699,399	1,099,518	2,981,372	1,881,854
14	Iron and steel and their products, except machinery	14	1	27	307	3,516	202,664	542,766	3,464,642	5,363,563	12,241,762	6,878,199
15	Nonferrous metals and their products	4	2	3	6	36	12,554	9,106	35,346	65,763	143,888	78,125
17	Machinery (except electrical)	19	7	19	115	1,006	68,599	206,748	1,045,347	2,453,687	5,135,640	2,681,953
7	Paper and allied products	4	1	6	25	235						
12	Leather and leather products	3	1	4	36	369						
20	Miscellaneous industries	3	2	1	8	27						
5	Lumber and timber basic products	2										
10	Products of petroleum and coal	1					128,493	175,954	800,486	3,792,548	6,204,024	2,511,476
11	Rubber products	1	.....	10	26	391						
16	Electrical machinery	2										
19	Transportation equipment, except automobiles	2										
	KNOXVILLE											
	All industries, total	174	85	225	1,021	14,465	$1,233,270	$1,655,321	$11,468,701	$30,413,252	$57,667,520	$27,254,268
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	11	4	8	37	432	76,160	51,863	366,604	832,262	1,987,125	1,154,863
13	Concrete products	4	1	10	10	105	53,471	18,170	102,488	203,768	481,967	278,199
8	General commercial (job) printing	18	23	4	12	78	10,260	11,261	78,772	137,271	395,146	257,875
14	Gray-iron and semisteel castings	7	8		2	49		1,716	41,535	34,153	115,235	81,082
6	Household furniture except upholstered	3	1	4	27	335	(4)	(4)	(4)	(4)	(4)	(4)

See footnotes at end of table.

TABLE 9.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
	KNOXVILLE—Continued											
1	Ice cream and ices	5		5	13	34	$18,435	$15,712	$32,022	$279,717	$649,590	$369,873
1	Ice, manufactured	6		6	11	29	21,500	19,500	24,963	59,528	282,259	231,731
17	Machine-shop repairs	4	8		1	11		(4)	(4)	(4)	(4)	(4)
13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	8	4	7	79	953	31,600	115,266	774,813	1,208,407	3,135,736	1,927,329
1	Nonalcoholic beverages	7	2	10	10	58	51,097	11,892	35,931	467,232	1,120,029	652,797
5	Planing mills not operated in conjunction with sawmills	8	2	16	27	297	47,384	41,205	206,559	820,179	1,348,024	527,845
5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	6		14	13	313	54,276	32,315	208,250	492,898	1,035,056	542,158
20	Signs, advertising displays, and advertising novelties	3		6	3	31	12,309	4,029	47,550	52,714	176,512	123,798
6	Upholstered household furniture	3	1	2	10	90	(4)	(4)	(4)	(4)	(4)	(4)
	Other industries [5]	93	41	139	804	12,085	856,778	1,332,392	9,549,214	25,834,123	46,940,841	21,106,718
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	17	9	29	65	648	165,976	98,155	556,952	8,907,519	10,859,851	1,952,332
3	Textile-mill products and other fiber manufactures	7		23	245	6,412	202,298	431,081	4,607,173	6,474,441	14,119,143	7,644,702
4	Apparel and other finished products made from fabrics and similar materials	8	1	12	71	2,208	73,947	128,978	1,778,209	4,020,689	8,678,256	4,657,567
9	Chemicals and allied products	6		6	13	105	27,473	19,565	98,275	560,927	972,230	411,303
13	Stone, clay, and glass products	5	3	2	16	501	35,000	29,585	333,887	460,208	1,093,630	633,422
14	Iron and steel and their products, except machinery	7	1	17	95	899	97,214	162,351	908,095	2,203,472	3,787,679	1,584,207
17	Machinery (except electrical)	12	12	14	33	363	128,025	68,430	356,788	999,066	2,069,134	1,070,068
6	Furniture and finished lumber products	11	8	11	43	461						
7	Paper and allied products	4		4	14	133						
8	Printing, publishing, and allied industries	7	3	9	193	204						
20	Miscellaneous industries	6	4	5	13	139	126,845	394,247	909,835	2,207,801	5,360,918	3,153,117
10	Products of petroleum and coal	1										
12	Leather and leather products	1		7	3	12						
19	Transportation equipment, except automobiles	1										
	MEMPHIS											
	All industries, total	343	209	222	1,415	13,921	$1,436,205	$2,855,045	$12,383,353	$84,986,556	$134,170,454	$49,183,898
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	38	35	11	63	799	30,498	113,141	828,082	2,107,637	4,632,775	2,525,138
1	Candy and other confectionery products	9	13	2	28	130	7,059	20,664	84,185	395,917	601,011	205,094
4	Canvas products (except bags)	3	5		1	28		900	27,474	122,050	190,194	68,144
6	Caskets, coffins, burial cases, and other morticians' goods	6	5	5	10	72	8,400	14,565	48,333	166,137	276,618	110,481
9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	6			6	34		13,676	42,879	99,581	469,338	369,757
13	Concrete products	3		1	6	48	4,338	8,020	22,528	146,910	283,936	137,026
6	Cooperage	3	1	1	27	468	(4)	(4)	(4)	(4)	(4)	(4)
9	Cottonseed oil, cake, meal, and linters	7		9	50	676	90,200	105,316	430,693	9,242,275	10,748,097	1,505,822
1	Creamery butter	3	2		1	12		792	10,889	190,517	254,689	64,172
9	Drugs and medicines (including drug grinding)	7	1	5	48	322	(4)	(4)	(4)	(4)	(4)	(4)
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	6	3	2	23	220	6,831	51,850	223,793	891,731	1,619,546	727,815
1	Food preparations not elsewhere classified	4	5	2	3	13	(4)	(4)	(4)	(4)	(4)	(4)
8	General commercial (job) printing	29	25	12	57	231	28,451	84,224	257,481	554,338	1,374,884	820,546
6	Household furniture except upholstered	4	3	4	23	659	(4)	(4)	(4)	(4)	(4)	(4)
1	Ice cream and ices	10	12	1	10	57	4,800	16,424	38,840	457,517	784,867	327,350
1	Ice, manufactured	19	4		9	95		(4)	(4)	(4)	(4)	(4)
9	Insecticides, fungicides, and related industrial and household chemical compounds	9	9	7	5	95	21,684	11,340	64,093	509,439	1,169,833	660,394
17	Machine-shop repairs	6	6		5	66		5,855	92,572	62,141	272,818	210,677
6	Mattresses and bedsprings	5	2	7	37	397	83,458	56,969	297,373	1,080,674	2,131,312	1,050,638
1	Meat packing, wholesale	4	4	6	47	411	(4)	(4)	(4)	(4)	(4)	(4)
18	Motor vehicles, motor-vehicle bodies, parts and accessories	3	2	1	67	1,016	(4)	(4)	(4)	(4)	(4)	(4)
8	Newspapers: publishing and printing	3	4	4	175	351	(4)	(4)	(4)	(4)	(4)	(4)

See footnotes at end of table.

TABLE 9.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Code	Industry	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
	MEMPHIS—Continued											
3	Nonalcoholic beverages	10	1	15	20	187	$112,203	$28,891	$195,289	$1,054,527	$2,727,672	$1,673,145
6	Paints, varnishes, and lacquers	5	3	3	28	124	(4)	(4)	(4)	(4)	(4)	(4)
7	Paperboard containers and boxes not elsewhere classified	3		4	10	131	39,761	17,105	93,389	361,453	673,592	312,139
9	Perfumes, cosmetics, and other toilet preparations	5	3	6	36	139	(4)	(4)	(4)	(4)	(4)	(4)
5	Planing mills not operated in conjunction with sawmills	7		9	21	564	30,592	43,256	430,102	1,184,043	2,187,617	1,003,574
1	Prepared feeds (including mineral) for animals and fowls	7	7	2	73	294	36,440	137,515	191,903	4,699,604	6,045,815	1,346,211
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	4	1		5	50		7,329	46,450	944,831	1,108,982	164,151
5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	9	3	19	49	1,179	104,678	91,161	767,577	1,283,928	3,142,631	1,858,703
15	Sheet-metal work not specifically classified	3		2	3	26	10,638	4,912	19,360	386,995	499,591	112,596
20	Signs, advertising displays, and advertising novelties	4	2	3		16	5,600		22,949	20,962	81,067	60,105
6	Wood products not elsewhere classified	7	1	4	89	1,064	(4)	(4)	(4)	(4)	(4)	(4)
	Other industries [4]	156	78	111	932	8,609	810,574	2,021,140	8,147,119	59,023,349	92,893,769	33,870,220
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	45	25	22	128	1,257	129,062	289,538	1,043,854	14,289,042	20,135,429	5,846,387
4	Apparel and other finished products made from fabrics and similar materials	11	3	17	50	692	42,913	72,104	458,873	3,386,358	4,446,248	1,059,890
6	Furniture and finished lumber products	16	7	10	153	2,456	127,534	374,922	2,004,897	5,224,470	9,601,560	4,377,090
9	Chemicals and allied products	26	11	21	154	937	253,078	255,068	737,628	5,415,123	10,838,103	5,422,980
14	Iron and steel and their products, except machinery	9	1	6	29	281	20,950	61,655	280,856	720,229	1,506,574	786,345
17	Machinery (except electrical)	6	1	11	40	261	67,505	81,621	296,659	826,674	1,872,151	1,045,477
20	Miscellaneous industries	9	6	4	3	74	11,894	2,955	54,056	200,758	357,840	157,082
2	Tobacco manufactures	3	1	2	30	387						
7	Paper and allied products	3		4	55	591						
8	Printing, publishing, and allied industries	14	19	8	199	401						
13	Stone, clay, and glass products	3	1		9	71						
18	Automobiles and automobile equipment	3	2	1	67	1,016	157,638	883,277	3,270,296	28,960,695	44,135,004	15,174,969
3	Textile-mill products and other fiber manufactures	1										
10	Products of petroleum and coal	2										
11	Rubber products	1	1	5	15	185						
12	Leather and leather products	2										
15	Nonferrous metals and their products	1										
16	Electrical machinery	1										
	NASHVILLE											
	All industries, total	280	164	238	1,482	12,455	$1,153,424	$2,411,278	$10,873,046	$50,419,248	$85,360,724	$34,941,476
1	Blended and prepared flour made from purchased flour	5	1	4	12	77	12,414	18,115	49,733	1,927,096	2,252,920	325,824
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	17	16	4	29	286	11,500	43,682	277,797	693,331	1,307,703	614,372
1	Candy and other confectionery products	5	5	7	10	182	53,300	20,421	134,076	579,340	1,075,882	496,542
6	Caskets, coffins, burial cases, and other morticians' goods	5	3	2	4	66	(4)	(4)	(4)	(4)	(4)	(4)
13	Concrete products	7	1	4	12	145	9,208	18,668	97,534	454,102	759,380	305,278
1	Creamery butter	6			20	69		30,488	58,129	1,450,623	1,706,299	255,676
9	Drugs and medicines (including drug grinding)	5	5	4	5	20	10,190	3,964	13,446	122,215	204,444	82,229
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	5	2	8	37	250	74,125	83,687	249,048	783,430	1,464,434	681,004
1	Flour and other grain-mill products	3	1	5	7	44	(4)	(4)	(4)	(4)	(4)	(4)
1	Food preparations not elsewhere classified	3		3	8	62	(4)	(4)	(4)	(4)	(4)	(4)
12	Footwear (except rubber)	4		3	41	1,692	(4)	(4)	(4)	(4)	(4)	(4)
8	General commercial (job) printing	27	21	28	70	474	115,122	112,456	592,899	1,046,742	2,493,966	1,447,224
14	Grey-iron and semisteel castings	3		2	4	31	(4)	(4)	(4)	(4)	(4)	(4)
3	Hosiery—seamless	3	1	6	67	964	(4)	(4)	(4)	(4)	(4)	(4)
1	Ice cream and ices	7	9	2	7	38	8,746	15,874	32,968	394,170	791,204	397,034
1	Ice, manufactured	8	1	5	13	34	21,339	17,298	25,046	81,622	336,014	254,392
17	Machine-shop repairs	8	18		9	60		17,849	71,356	107,426	276,118	168,692
6	Mattresses and bedsprings	4	4	5	13	87	18,725	20,399	71,461	267,159	489,074	221,915
1	Meat packing, wholesale	3		6	63	554	(4)	(4)	(4)	(4)	(4)	(4)
1	Nonalcoholic beverages	8		7	26	102	53,676	46,031	76,116	752,480	1,775,731	1,023,251

See footnotes at end of table.

TABLE 9.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
		NASHVILLE—Continued										
7	Paperboard containers and boxes not elsewhere classified	3	----	7	11	137	$30,846	$17,599	$127,948	$328,824	$633,874	$305,050
8	Periodicals: publishing and printing	9	----	15	150	385	59,485	170,028	480,866	839,570	2,146,219	1,306,649
8	Periodicals: publishing without printing	5	----	6	255	32	(4)	(4)	(4)	(4)	(4)	(4)
8	Photoengraving, not done in printing establishments (including preparation of plates)	4	3	5	4	25	15,805	6,657	66,478	32,062	194,575	162,513
5	Planing mills not operated in conjunction with sawmills	11	5	6	14	195	16,299	22,839	153,936	342,912	743,865	400,953
1	Prepared feeds (including mineral) for animals and fowls	4	1	5	30	128	24,907	44,130	118,975	3,167,643	4,495,411	1,327,768
5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	4	4	3	15	152	25,200	20,882	78,934	130,747	321,159	190,412
14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	5	3	3	35	1,050	(4)	(4)	(4)	(4)	(4)	(4)
2	Tobacco (chewing and smoking) and snuff	3	----	1	43	421	(4)	(4)	(4)	(4)	(4)	(4)
4	Work shirts	5	2	2	9	572	17,300	9,840	305,500	1,681,680	2,932,991	1,251,311
	Other industries [5]	128	66	117	986	9,037	575,237	1,670,371	7,790,800	35,236,074	58,959,461	23,723,387
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	22	4	24	111	1,064	87,706	210,402	983,655	12,044,413	15,092,256	3,047,843
3	Textile-mill products and other fiber manufactures	6	1	10	94	1,776	64,482	153,893	1,354,521	1,862,192	4,072,533	2,210,341
4	Apparel and other finished products made from fabrics and similar materials	8	8	3	31	720	22,800	49,536	542,151	7,530,860	10,827,699	3,296,839
6	Furniture and finished lumber products	12	8	5	31	535	37,229	63,637	428,211	739,880	1,631,440	891,560
8	Printing, publishing, and allied industries	19	11	24	462	446	112,231	684,370	787,419	1,262,333	5,337,275	4,074,942
9	Chemicals and allied products	11	4	13	56	590	53,989	123,863	582,694	2,774,437	5,250,843	2,476,406
13	Stone, clay, and glass products	4	3	5	6	88	9,570	6,871	60,913	59,946	185,433	125,487
17	Machinery (except electrical)	4	4	----	4	20	----	2,960	24,166	37,252	115,268	78,016
20	Miscellaneous industries	13	6	14	34	226	58,902	37,663	200,797	343,570	824,886	481,316
2	Tobacco manufactures	3	----	1	43	421						
12	Leather and leather products	6	5	3	43	1,738						
14	Iron and steel and their products, except machinery	9	3	8	58	1,326						
16	Electrical machinery	5	4	6	11	72	128,328	337,176	2,826,273	8,581,191	15,621,828	7,040,637
7	Paper and allied products	2										
10	Products of petroleum and coal	1	5	1	2	15						
11	Rubber products	2										
15	Nonferrous metals and their products	1										

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries," for the cities.

[1] Figures do not include data for personnel of central-administrative offices.
[2] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.
[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[4] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[5] For numbers of establishments and of wage earners in individual industries, see table 11.

TABLE 10.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939

COUNTY	Total	INDUSTRY GROUP																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
The State	2,289	741	11	128	94	326	156	33	267	131	6	5	30	108	93	15	11	77	3	5	49
Anderson	8	2		2		2	1		1												
Bedford	28	10		5	2	1	1		2				2				1				4
Benton	1					1															
Bledsoe	1	1																			
Blount	26	9		1		7	1		2					2	1	2		1			
Bradley	38	9		10	1	7	3		3	1					4						
Campbell	11	1			3	2			2	2								1			
Cannon	4	3							1												
Carroll	14	6				4			3					1							
Carter	12	3		2			2		2	2				1							
Cheatham	1														1						
Chester	4	1				2			1												
Claiborne	2								2												
Clay	1					1															
Cocke	9	3		2		1				1			1		1						
Coffee	22	5			5	2	1	1	2				2	2							2
Crockett	3	1				1			1												
Cumberland	5			1		1	1		1					1							
Davidson	314	95	3	8	13	17	17	7	60	24	1	2	6	16	14	1	5	12			13
Decatur	1				1																
De Kalb	4	2				1			1												
Dickson	17	6			2	7	1							1							
Dyer	25	10		1	1	5			2	1				2				2			1
Fayette	3	1			1				1												
Fentress	10					10															
Franklin	21	9			2	4			5	1			1	2							
Gibson	27	8		2	1	2	4		4	2			1	3							
Giles	18	11			1		2		1	1			1	1							
Grainger	5			1		4															
Greene	26	13		2		3	1		5	1										1	
Grundy	4	2				2															
Hamblen	19	9		4			3		1				1							1	
Hamilton	261	62		24	8	9	22	8	33	15	1	1	3	15	27	4	3	20		2	4
Hardeman	6					4			1					1							
Hardin	16	1				14	1														
Hawkins	7	4				1			1					1							
Haywood	8	3				3			1	1											
Henderson	4	2			1	1															
Henry	16	6			1	3			2	2				2							
Hickman	3	1								1					1						
Houston	10	1			1	7								1							
Humphreys	7	4			1	2															
Jackson	1				1																
Jefferson	8	7													1						
Johnson	3					2								1							
Knox	190	48		8	8	14	13	4	27	7	1		1	24	12	1		12		1	9
Lake	3	1				1				1											
Lauderdale	11	6				3	1		1												
Lawrence	18	6			1	6	2		2									1			
Lewis	2					2															
Lincoln	16	9		1	1	1	1		2									1			
Loudon	23	7		5		6	1		1						2	1					
McMinn	32	9		10		6	3	1	1						1			1			
McNairy	4	1				2			1												
Macon	1					1															
Madison	50	20		1		10	8		4	2				1	1			2			1
Marion	8	1		1		1	1		1					1	2						
Marshall	13	7							2				1		1						2
Maury	37	19		1	4		1		3	3				2			1	3			
Meigs	3	1		1		1															
Monroe	12	8		2		2															
Montgomery	29	9	2		3	3	2		3	1			2	1	2			1			
Morgan	6					6															
Obion	19	12			2	1			2				1	1							
Overton	8	3				5															
Pickett	4					4															
Polk	6			1		2	1			1						1					
Putnam	23	9		1	1	6	3		1				1					1			
Rhea	21	6		5	1	8			1												
Roane	18	3		5		3		2	1	1				1	1			1			
Robertson	21	9		1		6	2		2					1							
Rutherford	25	16		2		3			3									1			
Scott	18			1		15			1									1			
Sequatchie	3	1				2															
Sevier	10	5		1		2	2														
Shelby	378	135	3	4	14	19	34	7	43	52	3	2	2	9	17	5	1	12	3		13
Smith	5	1	1			1			1	1											
Stewart	1					1															
Sullivan	56	15		6	5	3	4	3	7	5			1	4	1			2			
Sumner	17	8	1			2	2		2				2								
Tipton	6	2		1		2			1												
Trousdale	2	1	1																		
Unicoi	9	1			1	3			2					2							
Union	1					1															
Warren	27	7		1	1	10	4		1	1			1	1							
Washington	50	21		3		13	3		4					2	2			2			
Wayne	7					5	2														
Weakley	20	8			1	3	2		5	1											
White	13	3			2	4	1							3							
Williamson	10	4			1	1			2					1	1						
Wilson	19	8		1	2	3	2		2					1							

TABLE 11.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE AND FOR CHATTANOOGA, KNOXVILLE, MEMPHIS, AND NASHVILLE: 1939

[In order to avoid disclosing data for individual establishments, wage-earner figures for industries represented by fewer than 3 establishments are withheld]

Group No.[1]	TITLE	Number of establishments	Wage earners
	STATE OF TENNESSEE		
1	Baking powder, yeast, and other leavening compounds	1	.....
	Chewing gum	1	.....
	Custom slaughtering, wholesale	2	.....
	Macaroni, spaghetti, vermicelli, and noodles	1	.....
	Pickled fruits and vegetables and vegetable sauces and seasonings	1	.....
	Rice cleaning and polishing	1	.....
	Salad dressings	2	.....
	Special dairy products	2	.....
2	Cigars	1	.....
3	Batting, padding, and wadding; upholstery filling	1	.....
	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	3	556
	Cordage and twine	2	.....
	Cotton thread	2	.....
	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	1	.....
	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	1	.....
	Rayon broad woven goods—contract factories	1	.....
	Rayon broad woven goods—regular factories or jobbers engaging contractors	2	.....
	Rayon narrow fabrics	1	.....
	Silk broad woven goods—regular factories or jobbers engaging contractors	1	.....
	Silk throwing and spinning—contract factories	2	.....
	Silk yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	1	.....
4	Children's dresses—made in inside factories or by jobbers engaging contractors	1	.....
	Men's and boys' hats and caps (except felt and straw)	1	.....
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in contract factories	1	.....
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	1	.....
	Men's and boys' underwear—made in inside factories or by jobbers engaging contractors	1	.....
	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	1	.....
	Trousers (semidress), wash suits, and washable service apparel	1	.....
	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	1	.....
	Women's, children's, and infants' underwear and nightwear of knitted fabrics	1	.....
	Work gloves and mittens: cloth, cloth and leather combined	3	340
5	Logging camps and logging contractors (not operating sawmills)	1	.....
	Plywood mills	1	.....
6	Baskets for fruits and vegetables	3	114
	Cooperage	10	482
	Excelsior	1	.....
	Mirror frames and picture frames	1	.....
	Office furniture	1	.....
	Public-building furniture	1	.....
	Window and door screens and weather strip	2	.....
	Window shades	1	.....
	Wood preserving	3	251
7	Coated and glazed paper	1	.....
	Converted paper products not elsewhere classified	3	165
	Envelopes	1	.....
	Fiber cans, tubes, and similar products	1	.....
	Paper and paperboard mills	6	736
	Paper bags, except those made in paper mills	1	.....
8	Bookbinding and related industries	6	666
	Books: printing without publishing	3	70
	Books: publishing and printing	1	.....
	Periodicals: publishing without printing	8	33
9	Cleaning and polishing preparations, blackings, and dressings	5	21
	Coal-tar products, crude and intermediate	1	.....
	Colors and pigments	2	.....
	Explosives	1	.....
	Lubricating oils and greases—not made in petroleum refineries	1	.....
	Printing ink	2	.....
	Soap and glycerin	3	20
	Soybean oil, cake, and meal	1	.....
	STATE OF TENNESSEE—Continued		
10	Oven coke and coke-oven byproducts	1	.....
	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	1	.....
	Petroleum refining	1	.....
	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	3	74
11	Tires and inner tubes	1	.....
12	Boot and shoe cut stock and findings	1	.....
	Industrial leather belting and packing leather	3	27
	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	3	376
13	Clay products (except pottery) not elsewhere classified	5	128
	Flat glass	1	.....
	Glass containers	1	.....
	Mineral wool	2	.....
	Nonclay refractories	1	.....
	Porcelain electrical supplies	1	.....
	Pottery products not elsewhere classified	2	.....
	Sewer pipe and kindred products	1	.....
	Tableware, pressed or blown glass, and glassware not elsewhere classified	1	.....
	Whiteware	1	.....
14	Blast-furnace products	1	.....
	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	1	.....
	Doors, window sash, frames, molding, and trim (made of metal)	1	.....
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semi-vitreous china sanitary ware)	1	.....
	Forgings, iron and steel—made in plants not operated in connection with rolling mills	1	.....
	Hardware not elsewhere classified	2	.....
	Saws	1	.....
	Steam fittings, regardless of material	1	.....
	Steel castings	2	.....
	Steel works and rolling mills	1	.....
	Tin cans and other tinware not elsewhere classified	3	101
	Tools (except edge tools, machine tools, files, and saws)	2	.....
15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	1	.....
	Electroplating, plating, and polishing	1	.....
	Nonferrous-metal foundries (except aluminum)	3	92
	Nonferrous-metal products not elsewhere classified	1	.....
	Primary smelting and refining of nonferrous metals	2	.....
	Secondary smelting and refining of nonferrous metals not elsewhere classified	1	.....
16	Carbon products for the electrical industry, and manufactures of carbon or artificial graphite	1	.....
	Electrical appliances	4	27
	Wiring devices and supplies	1	.....
	X-ray and therapeutic apparatus and electronic tubes	1	.....
17	Blowers; exhaust and ventilating fans	1	.....
	Elevators, escalators, and conveyors	2	.....
	Food-products machinery	2	.....
	Industrial machinery not elsewhere classified	3	16
	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	1	.....
	Mechanical power-transmission equipment	1	.....
	Mining machinery and equipment	1	.....
	Oil-field machinery and tools	1	.....
	Printing-trades machinery and equipment	1	.....
	Pumping equipment and air compressors	2	.....
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	4	408
	Woodworking machinery	3	66
18	Motor vehicles, motor-vehicle bodies, parts and accessories	3	1,016
19	Aircraft and parts, including aircraft engines	1	.....
	Cars and car equipment—railroad, street, and rapid-transit	1	.....
	Transportation equipment not elsewhere classified	3	50
20	Buttons	1	.....
	Carbon paper and inked ribbons	1	.....
	Costume jewelry and costume novelties (jewelry other than fine jewelry)	1	.....
	Fabricated plastic products not elsewhere classified	1	.....
	Games and toys (except dolls and children's vehicles)	1	.....
	Hand stamps, stencils, and brands	2	.....
	Miscellaneous fabricated products not elsewhere classified	3	51
	Models and patterns (except paper patterns)	1	.....
	Surgical and medical instruments	1	.....

See footnote at end of table.

TABLE 11.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE AND FOR CHATTANOOGA, KNOXVILLE, MEMPHIS, AND NASHVILLE: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	CITY OF CHATTANOOGA		
1	Baking powder, yeast, and other leavening compounds	1	
	Biscuit, crackers, and pretzels	2	
	Candy and other confectionery products	2	
	Cooking and other edible fats and oils not elsewhere classified	2	
	Creamery butter	1	
	Flavoring extracts and flavoring sirups not elsewhere classified	3	19
	Flour and other grain-mill products	2	
	Food preparations, not elsewhere classified	2	
	Malt liquors	1	
	Meat packing, wholesale	3	79
	Preserves, jams, jellies, and fruit butters	1	
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	2	
3	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	1	
	Cotton thread	1	
	Dyeing and finishing cotton, rayon, silk, and linen textiles	4	990
	Knitted underwear	2	
	Silk yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	1	
4	Canvas products (except bags)	2	
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	2	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	1	
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	1	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	1	
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	1	
5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	2	
6	Caskets, coffins, burial cases, and other morticians' goods	1	
	Mattresses and bedsprings	4	98
	Mirror frames and picture frames	1	
	Wood preserving	2	
	Wood products not elsewhere classified	2	
7	Converted paper products not elsewhere classified	1	
	Fiber cans, tubes, and similar products	1	
	Paper and paperboard mills	1	
	Pulp mills	1	
8	Bookbinding and related industries	1	
	Books: printing without publishing	1	
	Books: publishing without printing	1	
	Electrotyping and stereotyping, not done in printing establishments	1	
	Engraving (steel, copperplate, and wood); plate printing	2	
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	1	
	Machine and hand typesetting (including advertisement typesetting)	2	
	Newspapers: publishing and printing	3	190
	Periodicals: publishing without printing	1	
	Photoengraving, not done in printing establishments (including preparation of plates)	1	
9	Chemicals not elsewhere classified	1	
	Coal-tar products, crude and intermediate	1	
	Colors and pigments	2	
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	2	
	Drugs and medicines (including drug grinding)	3	178
	Insecticides, fungicides, and related industrial and household chemical compounds	1	
	Paints, varnishes, and lacquers	1	
	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	1	
10	Oven coke and coke-oven byproducts	1	
11	Rubber products not elsewhere classified	1	
12	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	1	
	Saddlery, harness, and whips	2	
13	Brick and hollow structural tile	2	
	Concrete products	2	
	Glass containers	1	
	Mirrors and other glass products made of purchased glass	1	
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	2	
	Sewer pipe and kindred products	1	
	CITY OF CHATTANOOGA—Continued		
14	Cast-iron pipe and fittings	2	
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semi-vitreous china sanitary ware)	1	
	Hardware not elsewhere classified	1	
	Power boilers and associated products	3	731
	Saws	1	
	Steel castings	1	
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	3	375
	Tools (except edge tools, machine tools, files, and saws)	1	
	Wirework not elsewhere classified	1	
15	Nonferrous-metal foundries (except aluminum)	2	
	Nonferrous-metal products not elsewhere classified	1	
	Sheet-metal work not specifically classified	1	
16	Electrical appliances	1	
	Wiring devices and supplies	1	
17	Agricultural machinery (except tractors)	1	
	Construction and similar machinery (except mining and oil-field machinery and tools)	1	
	Elevators, escalators, and conveyors	1	
	Food-products machinery	1	
	Industrial machinery, not elsewhere classified	1	
	Machine-shop products, not elsewhere classified	4	196
	Machine-shop repairs	5	38
	Oil-field machinery and tools	1	
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	1	
	Textile machinery	2	
	Woodworking machinery	1	
19	Cars and car equipment—railroad, street, and rapid-transit	1	
	Transportation equipment not elsewhere classified	1	
20	Models and patterns (except paper patterns)	1	
	Sporting and athletic goods not elsewhere classified	2	
	CITY OF KNOXVILLE		
1	Biscuit, crackers, and pretzels	1	
	Chewing gum	1	
	Creamery butter	1	
	Custom slaughtering, wholesale	1	
	Favoring extracts and flavoring sirups not elsewhere classified	1	
	Flour and other grain-mill products	2	
	Food preparations, not elsewhere classified	2	
	Meat packing, wholesale	2	
	Poultry dressing and packing, wholesale	1	
	Prepared feeds (including mineral) for animals and fowls	2	
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	2	
	Vinegar and cider	1	
3	Cotton broad woven goods	2	
	Hosiery—seamless	2	
	Knitted underwear	2	
	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	1	
4	Canvas products (except bags)	1	
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	1	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	1	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	2	
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys apparel, not elsewhere classified	2	
	Work gloves and mittens: cloth, cloth and leather combined	1	
6	Caskets, coffins, burial cases, and other morticians' goods	1	
	Household furniture, except upholstered	3	335
	Mattresses and bedsprings	2	
	Partitions, shelving, cabinet work, and office and store fixtures	2	
	Upholstered household furniture	3	90
7	Paper and paperboard mills	1	
	Paperboard containers and boxes not elsewhere classified	2	
	Pulp mills	1	
8	Books: publishing without printing	1	
	Machine and hand typesetting (including advertisement typesetting)	1	
	Newspapers: publishing and printing	2	
	Periodicals: publishing and printing	1	
	Photoengraving, not done in printing establishments (including preparation of plates)	2	

See footnote at end of table.

TABLE 11.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE AND FOR CHATTANOOGA, KNOXVILLE, MEMPHIS, AND NASHVILLE: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	CITY OF KNOXVILLE—Continued		
9	Chemicals not elsewhere classified	1	
	Drugs and medicines (including drug grinding)	1	
	Fertilizers	1	
	Insecticides, fungicides, and related industrial and household chemical compounds	1	
	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	2	
10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	1	
12	Industrial leather belting and packing leather	1	
13	Brick and hollow structural tile	2	
	Lime	1	
	Mirrors and other glass products made of purchased glass	1	
	Porcelain electrical supplies	1	
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	2	
	Steam fittings, regardless of material	1	
	Steel works and rolling mills	1	
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	1	
	Tin cans and other tinware not elsewhere classified	1	
	Wirework not elsewhere classified	1	
17	Construction and similar machinery (except mining and oil-field machinery and tools)	3	
	Food-products machinery	1	
	Industrial machinery not elsewhere classified	1	
	Machine-shop products not elsewhere classified	1	
	Machine-shop repairs	4	11
	Mining machinery and equipment	1	
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	1	
19	Aircraft and parts, including aircraft engines	1	
20	Brooms	2	
	Buttons	1	
	Fabricated plastic products not elsewhere classified	1	
	Miscellaneous fabricated products not elsewhere classified	1	
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	1	
	CITY OF MEMPHIS		
1	Biscuit, crackers, and pretzels	2	
	Blended and prepared flour made from purchased flour	2	
	Cooking and other edible fats and oils not elsewhere classified	2	
	Custom slaughtering, wholesale	1	
	Flavoring extracts and flavoring sirups not elsewhere classified	3	100
	Flour and other grain-mill products	1	
	Food preparations not elsewhere classified	4	13
	Ice, manufactured	19	95
	Macaroni, spaghetti, vermicelli, and noodles	1	
	Malt liquors	1	
	Meat packing, wholesale	4	411
	Pickled fruits and vegetables and vegetable sauces and seasonings	1	
	Poultry dressing and packing, wholesale	1	
	Salad dressings	1	
	Vinegar and cider	2	
2	Cigars	1	
	Tobacco (chewing and smoking) and snuff	2	
3	Batting, padding, and wadding; upholstery filling	1	
4	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	1	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	1	
	House furnishings (except curtains, draperies, and bedspreads)	3	
	Men's and boys' hats and caps (except felt and straw)	1	
	Textile bags—not made in textile mills	3	365
	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	1	
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	1	
6	Cooperage	3	468
	Household furniture, except upholstered	4	659
	Upholstered household furniture	1	
	Window and door screens and weather strip	1	
	Wood products not elsewhere classified	7	1,064
7	Coated and glazed paper	1	
	Converted paper products not elsewhere classified	1	
	Pulp mills	1	
	CITY OF MEMPHIS—Continued		
8	Bookbinding and related industries	2	
	Books: publishing without printing	1	
	Electrotyping and stereotyping, not done in printing establishments	1	
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	1	
	Machine and hand typesetting (including advertisement typesetting)	1	
	Newspapers: publishing and printing	3	351
	Periodicals: publishing and printing	1	
	Periodicals: publishing without printing	2	
	Photoengraving, not done in printing establishments (including preparation of plates)	2	
9	Cleaning and polishing preparations, blackings, and dressings	4	
	Drugs and medicines (including drug grinding)	7	322
	Fertilizers	1	
	Hardwood distillation and charcoal manufacture	1	
	Lubricating oils and greases—not made in petroleum refineries	1	
	Paints, varnishes, and lacquers	5	124
	Perfumes, cosmetics, and other toilet preparations	5	139
	Printing ink	1	
	Soybean oil, cake, and meal	1	
10	Petroleum refining	1	
	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	1	
11	Rubber products not elsewhere classified	1	
12	Industrial leather belting and packing leather	1	
	Saddlery, harness, and whips	1	
13	Mirrors and other glass products made of purchased glass	2	
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	1	
14	Doors, window sash, frames, molding, and trim (made of metal)	1	
	Gray-iron and semisteel castings	1	
	Power boilers and associated products	2	
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	1	
	Tin cans and other tinware not elsewhere classified	1	
	Tools (except edge tools, machine tools, files, and saws)	1	
	Wirework not elsewhere classified	2	
15	Electroplating, plating, and polishing	1	
16	Batteries, storage and primary (dry and wet)	1	
17	Blowers; exhaust and ventilating fans	1	
	Elevators, escalators, and conveyors	1	
	Machine-shop products, not elsewhere classified	2	
	Pumping equipment and air compressors	1	
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	1	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	3	1,016
20	Brooms	2	
	Carbon paper and inked ribbons	1	
	Costume jewelry and costume novelties (jewelry other than fine jewelry)	1	
	Games and toys (except dolls and children's vehicles)	1	
	Hand stamps, stencils, and brands	1	
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	3	10
	CITY OF NASHVILLE		
1	Biscuit, crackers, and pretzels	1	
	Canned and dried fruits and vegetables (including canned soups)	1	
	Condensed and evaporated milk	1	
	Flavoring extracts and flavoring sirups, not elsewhere classified	1	
	Flour and other grain-mill products	3	44
	Food preparations, not elsewhere classified	3	62
	Malt liquors	1	
	Meat packing, wholesale	3	554
	Poultry dressing and packing, wholesale	2	
	Preserves, jams, jellies, and fruit butters	1	
	Salad dressings	1	
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	2	
	Special dairy products	1	
	Vinegar and cider	1	
2	Tobacco (chewing and smoking) and snuff	3	421
3	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	1	
	Cotton broad woven goods	1	
	Hosiery—full-fashioned	1	
	Hosiery—seamless	3	964

See footnote at end of table.

TABLE 11. INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE AND FOR CHATTANOOGA, KNOXVILLE, MEMPHIS, AND NASHVILLE: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	CITY OF NASHVILLE—Continued		
	Canvas products (except bags)	2	
	Housefurnishings (except curtains, draperies, and bedspreads)	1	
	Men's and boys' suits, coats, and overcoats (except work clothing), made in inside factories or by jobbers or contractors	1	
	Dental laces, not made in textile mills	2	
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	2	
	Caskets, coffins, burial cases, and other morticians' goods	5	66
	Cooperage	1	
	Household furniture, except upholstered	2	
	Partitions, shelving, cabinet work, and office and store fixtures	1	
	Window and door screens and weather strip	1	
	Wooden boxes except cigar boxes	1	
	Wood products not elsewhere classified	1	
	Converted paper products not elsewhere classified	1	
	Envelopes	1	
	Bookbinding and related industries	2	
	Books, printing without publishing	1	
	Electrotyping and stereotyping, not done in printing establishments	2	
	Engraving (steel, copper plate, and wood); plate printing	1	
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	2	
	Machine and hand typesetting (including advertisement typesetting)	2	
	Newspapers, publishing and printing	2	
	Newspapers: publishing without printing	2	
	Periodicals: publishing without printing	5	32
	Chemicals not elsewhere classified	1	
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	1	
	Cottonseed oil, cake, meal, and linters	1	
	Insecticides, fungicides, and related industrial and household chemical compounds	2	
	Paints, varnishes, and lacquers	3	
	Perfumes, cosmetics, and other toilet preparations	1	
	Printing ink	1	
	Soap and glycerin	1	
	CITY OF NASHVILLE—Continued		
10	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	1	
11	Rubber products not elsewhere classified	2	
12	Boot and shoe cut stock and findings	2	
	Footwear (except rubber)	4	1,692
	Saddlery, harness, and whips	1	
13	Brick and hollow structural tile	2	
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	1	
	Pottery products not elsewhere classified	1	
14	Gray-iron and semisteel castings	3	31
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	5	1,050
	Vitreous-enameled products, including kitchen, household, and hospital utensils	1	
15	Sheet-metal work not specifically classified	1	
16	Batteries, storage and primary (dry and wet)	3	65
	Electrical appliances	1	
	X-ray and therapeutic apparatus and electronic tubes	1	
17	Machine-shop products, not elsewhere classified	1	
	Machine-tool and other metalworking-machinery accessories, [metal-cutting and shaping tools, and machinists' precision tools	1	
	Printing-trades machinery and equipment	1	
	Woodworking machinery	1	
20	Brooms	1	
	Hand stamps, stencils, and brands	1	
	Miscellaneous fabricated products not elsewhere classified	1	
	Signs, advertising displays, and advertising novelties	7	
	Sporting and athletic goods not elsewhere classified	1	
	Surgical and medical instruments	1	
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	1	

[1] For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and of industry groups, sec. 27.

TEXAS

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939

KEY TO PLACES

ABILENE	23	DENTON	11	PARIS	8
AMARILLO	3	EL PASO	26	PORT ARTHUR	35
AUSTIN	32	FORT WORTH	12	SAN ANGELO	27
BEAUMONT	34	GALVESTON	36	SAN ANTONIO	38
BIG SPRING	25	GREENVILLE	10	SHERMAN	6
BORGER	1	HARLINGEN	43	SWEETWATER	24
BROWNSVILLE	44	HIGHLAND PARK	14	TEMPLE	30
BROWNWOOD	28	HOUSTON	33	TERRELL	16
BRYAN	31	LAREDO	41	TEXARKANA	9
CLEBURNE	22	LONGVIEW	18	TYLER	19
CORPUS CHRISTI	40	LUBBOCK	4	UNIVERSITY PARK	13
CORSICANA	21	MARSHALL	17	VICTORIA	37
DALLAS	15	MC ALLEN	42	WACO	29
DEL RIO	39	PALESTINE	20	WICHITA FALLS	5
DENISON	7	PAMPA	2		

Prepared by the Bureau of the Census, Department of Commerce

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TEXAS

Table 1.—SUMMARY FOR THE STATE: 1939, 1937, AND 1929

CENSUS YEAR	Number of establishments	Proprietors and firm members	Number of persons employed in manufacturing [1]	Salaries and wages [1]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2]	Value of products [2]	Value added by manufacture [3]
1939	5,376	3,990	146,520	$171,801,264	$1,077,115,253	$1,530,220,676	$453,105,423
1937	4,422	2,960	152,055	175,784,853	1,141,567,954	1,581,422,401	439,854,447
1929	4,991	3,003	137,063	174,599,725	953,621,910	1,381,672,496	428,050,586

[1] Figure for 1939 does not include data for employees of manufacturing establishments (except salaried officers of corporations) who were engaged in distribution, construction, and other nonmanufacturing work. For detail, see table 8. It is not known to what extent data for such nonmanufacturing employees were included in figures reported for earlier years. See GENERAL EXPLANATIONS—Persons engaged—general classification.

[2] The aggregates for cost of materials, etc., and value of products include large amounts of duplication due to the use of the products of some industries as materials by others. See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

Table 2.—SUMMARY FOR COUNTIES AND PLACES: 1939

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
The State	6,414,824	[5] 5,376	126,992	$128,138,703	$1,077,115,253	$1,530,220,676	$453,105,423
COUNTIES [5]							
Anderson	37,092	23	222	150,389	1,115,225	1,609,158	493,933
Andrews [6]	1,277						
Angelina	32,201	32	1,817	1,524,191	2,797,057	6,234,071	3,437,014
Aransas [7]	3,469	1					
Archer [7]	7,599	3	48				
Armstrong [7]	2,495	1					
Atascosa [7]	19,275	2					
Austin [7]	17,384	6	38				
Bailey [7]	6,318	1					
Bandera [7]	4,234	1					
Bastrop	21,610	15	227	139,227	261,992	667,773	405,781
Baylor	7,755	5	30	19,603	105,164	171,822	66,658
Bee	16,481	8	35	27,029	615,451	767,782	152,331
Bell	44,863	30	283	208,850	1,084,614	2,031,760	947,146
Bexar	338,176	356	6,827	6,023,169	31,904,772	54,452,055	22,547,283
Blanco [6]	4,264						
Borden [6]	1,396						
Bosque [7]	15,761	7	86				
Bowie	50,208	60	1,536	1,041,526	3,898,878	7,175,535	3,276,657
Brazoria [7]	27,069	7	106				
Brazos	26,977	14	62	53,575	390,771	691,554	300,783
Brewster	6,478	3	5	3,905	19,594	50,429	30,835
Briscoe [7]	4,056	2					
Brooks [7]	6,362	6	36				
Brown	25,924	29	233	153,738	870,154	1,415,577	545,423
Burleson [7]	18,334	5	239				
Burnet [7]	10,771	2					
Caldwell [7]	24,893	14	137				
Calhoun [7]	5,911	1					
Callahan [7]	11,568	3	19				
Cameron	83,202	69	853	542,159	5,149,029	7,663,799	2,514,770
Camp	10,285	13	242	115,860	287,023	558,588	271,565
Carson [7]	6,624	4	64				
Cass	33,496	20	842	395,325	458,701	1,340,999	882,298
Castro [7]	4,631	1					
Chambers	7,511	7	73	49,095	43,824	119,921	76,097
Cherokee	43,970	43	1,174	601,007	897,081	2,139,371	1,242,290
Childress	12,149	10	63	57,531	495,493	747,947	252,454
Clay [7]	12,524	2					
Cochran [6]	3,735						
Coke [6]	4,590						
Coleman	20,571	14	88	45,232	255,444	453,773	198,329
Collin	47,190	16	650	424,931	1,164,927	1,954,783	789,856
Collingsworth	10,331	3	11	8,173	18,034	48,373	30,339
Colorado	17,812	12	54	32,504	302,278	444,059	141,781
Comal	12,321	19	810	572,280	1,618,424	3,606,465	1,988,041
Comanche	19,245	8	43	31,537	231,676	333,124	101,448
Concho [7]	6,192	1					
Cooke	24,909	17	121	99,155	1,265,741	1,670,078	404,337
Coryell	20,226	7	21	14,123	182,159	269,831	87,672
Cottle	7,079	4	12	9,461	40,786	101,420	60,634
Crane [7]	2,841	1					
Crockett [7]	2,809	1					
Crosby	10,046	3	5	4,345	5,817	21,939	16,122
Culberson [6]	1,653						

See footnotes at end of table.

TABLE 2.—SUMMARY FOR COUNTIES AND PLACES: 1939—Continued

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
COUNTIES [5]—continued							
Dallam	6,494	6	27	$26,734	$164,864	$318,926	$154,062
Dallas	398,564	716	16,339	15,522,683	94,291,666	155,945,064	61,653,398
Dawson	15,367	9	89	56,922	393,930	569,797	175,867
Deaf Smith	6,056	6	28	31,038	298,267	425,660	127,393
Delta [7]	12,858	5	57				
Denton	33,658	18	181	146,079	1,130,325	1,798,543	668,218
De Witt	24,935	30	636	395,632	2,002,703	2,895,591	892,888
Dickens [7]	7,847	3	17				
Dimmit [7]	8,542	1					
Donley	7,487	6	16	12,175	34,091	82,951	48,860
Duval	20,565	6	27	38,719	27,785	128,019	100,234
Eastland	30,345	24	75	72,740	211,978	626,933	414,955
Ector	15,051	16	117	132,981	548,968	954,544	405,576
Edwards [7]	2,933	1					
Ellis	47,733	29	426	222,049	1,169,906	2,161,108	991,202
El Paso	131,067	132	3,081	2,671,294	58,262,010	65,783,148	7,521,138
Erath	20,760	11	77	46,174	641,847	863,796	221,949
Falls	35,984	15	102	60,230	540,488	757,870	217,382
Fannin	41,064	17	525	342,226	1,085,096	1,906,376	821,280
Fayette	29,246	19	130	95,517	754,380	1,241,378	486,998
Fisher	12,932	7	169	168,679	786,814	1,739,888	953,074
Floyd	10,659	4	14	11,486	92,005	147,420	55,415
Foard [7]	5,237	2					
Fort Bend [7]	32,963	15	581				
Franklin [7]	8,378	2					
Freestone [7]	21,138	6	27				
Frio [7]	9,207	2					
Gaines [7]	8,136	5	12				
Galveston	81,173	74	3,131	4,328,273	65,589,569	79,285,884	13,696,315
Garza [7]	5,678	4	236				
Gillespie	10,670	10	52	33,229	68,059	166,415	98,356
Glasscock [6]	1,193						
Goliad [7]	8,798	3	5				
Gonzales	26,075	9	303	121,686	972,089	1,233,044	260,955
Gray	23,911	24	424	622,892	3,386,085	5,702,826	2,316,741
Grayson	69,499	63	2,137	1,399,725	17,675,298	22,851,573	5,176,275
Gregg	58,027	52	704	645,452	7,424,569	10,381,060	2,956,491
Grimes [7]	21,960	6	80				
Guadalupe	25,596	12	188	117,221	1,323,334	1,785,326	461,992
Hale	18,813	19	158	140,287	1,867,163	2,673,321	806,158
Hall [7]	12,117	6	53				
Hamilton	13,303	7	36	25,194	205,863	284,649	78,786
Hansford	2,783	4	11	8,451	12,121	30,873	18,752
Hardeman	11,073	8	184	158,108	943,950	1,876,079	932,129
Hardin	15,875	10	1,063	696,326	1,116,007	2,101,057	985,050
Harris	528,961	655	22,765	30,655,880	229,992,035	337,130,303	107,138,268
Harrison	50,900	33	1,285	906,099	3,259,760	5,843,212	2,583,452
Hartley [6]	1,873						
Haskell [7]	14,905	3	27				
Hays	15,349	6	30	23,413	162,041	286,492	124,451
Hemphill [7]	4,170	4	142				
Henderson	31,822	12	189	103,943	233,954	489,123	255,169
Hidalgo	106,059	62	1,102	553,795	4,118,940	6,502,129	2,383,189
Hill [7]	38,355	13	473				
Hockley [7]	12,693	5	23				
Hood [7]	6,674	2					
Hopkins	30,274	14	174	136,500	1,544,933	2,020,296	475,363
Houston	31,137	17	238	105,772	317,357	599,269	281,912
Howard [7]	20,990	23	279				
Hudspeth [7]	3,149	1					
Hunt	48,793	32	685	388,540	4,553,154	6,694,162	2,141,008
Hutchinson	19,069	28	1,168	1,695,799	17,961,380	23,618,645	5,657,265
Irion [7]	1,963	1					
Jack	10,206	5	37	35,912	549,574	711,741	162,167
Jackson	11,720	6	48	29,729	151,691	225,138	73,447
Jasper	17,491	15	761	495,157	802,109	1,995,654	1,193,545
Jeff Davis [6]	2,375						
Jefferson	145,329	130	12,208	18,409,136	252,354,457	321,532,176	69,177,719
Jim Hogg [7]	5,449	3	13				
Jim Wells	20,239	10	67	53,021	243,765	431,456	187,691
Johnson	30,384	21	215	123,092	310,962	656,465	345,503
Jones	23,378	16	136	138,124	2,105,758	2,651,525	545,767
Karnes	19,248	9	55	38,663	294,798	386,799	92,001
Kaufman	38,308	16	167	105,208	990,596	1,497,764	507,168
Kendall [7]	5,080	2					
Kenedy [6]	700						
Kent [7]	3,413	1					
Kerr	11,650	6	27	19,487	51,235	115,587	64,352
Kimble	5,064	3	9	6,150	12,996	33,459	20,463
King [6]	1,066						
Kinney [6]	4,533						
Kleberg	13,344	6	30	30,471	224,268	387,209	162,941
Knox	10,090	5	29	20,615	188,257	276,725	88,468
Lamar	50,425	35	796	470,484	2,439,103	3,943,818	1,504,715
Lamb	17,606	9	85	61,860	680,096	938,011	257,915

See footnotes at end of table.

TABLE 2.—SUMMARY FOR COUNTIES AND PLACES: 1939—Continued

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2] [3]	Value of products [2] [3]	Value added by manufacture [4]
COUNTIES [5]—continued							
Lampasas [7]	9,167	5	41				
La Salle [7]	8,003	1					
Lavaca	25,485	12	150	$90,809	$680,010	$1,006,989	$326,979
Lee [7]	12,751	3	7				
Leon	17,733	6	75	32,434	31,381	96,100	64,719
Liberty	24,541	22	370	236,222	328,683	835,438	506,755
Limestone	33,781	9	265	158,185	672,511	1,161,925	489,414
Lipscomb [7]	3,764	2					
Live Oak [7]	9,799	2					
Llano	5,996	7	51	40,648	31,969	122,826	90,857
Loving [6]	285						
Lubbock	51,782	66	726	650,229	6,307,989	8,732,898	2,424,909
Lynn	11,931	4	11	6,888	19,775	55,393	35,618
McCulloch	13,208	10	61	28,934	262,367	373,085	110,718
McLennan	101,898	112	2,876	2,128,044	8,452,790	15,466,253	7,013,463
McMullen [6]	1,374						
Madison	12,029	3	6	4,464	13,643	33,359	19,716
Marion	11,457	7	162	76,499	328,525	541,308	212,783
Martin [7]	5,556	1					
Mason	5,378	4	7	6,350	18,389	50,852	32,463
Matagorda	20,066	17	197	128,971	1,293,919	1,744,074	450,155
Maverick	10,071	4	16	13,997	38,705	160,199	121,494
Medina	16,106	5	204	72,155	397,568	634,469	236,901
Menard [7]	4,521	2					
Midland	11,721	7	36	46,637	111,879	252,988	141,109
Milam	33,120	12	50	36,385	383,585	617,129	233,544
Mills [7]	7,951	2					
Mitchell [7]	12,477	6	149				
Montague	20,442	14	176	150,315	424,305	940,350	516,045
Montgomery	23,055	28	1,028	640,889	821,164	2,025,663	1,204,499
Moore	4,461	10	243	320,176	1,943,724	3,711,046	1,767,322
Morris	9,810	4	63	24,667	20,853	59,700	38,847
Motley [7]	4,994	1					
Nacogdoches	35,392	32	1,245	781,363	1,866,563	3,528,640	1,662,077
Navarro	51,308	26	636	566,739	3,400,699	4,671,493	1,270,794
Newton	13,700	12	1,302	1,022,969	1,269,199	3,008,623	1,739,424
Nolan	17,309	16	360	436,043	3,890,290	5,945,494	2,055,204
Nueces	92,661	88	1,232	1,407,149	26,079,624	35,649,796	9,570,172
Ochiltree	4,213	7	16	16,083	90,917	155,787	64,870
Oldham [6]	1,385						
Orange	17,382	16	527	447,745	1,832,863	2,842,645	1,009,782
Palo Pinto	18,456	14	141	104,710	234,302	689,154	454,852
Panola	22,513	6	111	40,814	60,600	181,980	121,380
Parker	20,482	16	203	136,143	359,791	816,461	456,670
Parmer [6]	5,890						
Pecos	8,185	6	15	20,592	366,570	414,671	48,101
Polk	20,635	18	1,466	920,059	1,113,523	2,898,789	1,785,266
Potter	54,265	70	957	1,191,701	7,199,032	11,085,899	3,886,867
Presidio	10,925	5	19	12,255	109,449	160,347	50,898
Rains [6]	7,334						
Randall [7]	7,185	3	17				
Reagan [6]	1,997						
Real [6]	2,420						
Red River	29,769	12	265	192,857	378,685	857,206	478,521
Reeves	8,006	5	31	26,808	75,823	165,807	89,984
Refugio [7]	10,383	4	16				
Roberts [6]	1,289						
Robertson	25,710	6	49	36,377	379,762	554,658	174,896
Rockwall [6]	7,051						
Runnels	18,903	10	60	39,858	453,547	587,202	133,655
Rusk	51,023	25	270	175,815	2,864,650	3,454,847	590,197
Sabine [7]	10,896	3	417				
San Augustine [7]	12,471	3	33				
San Jacinto [6]	9,056						
San Patricio [7]	28,871	14	629				
San Saba	11,012	4	11	9,225	22,674	50,602	27,928
Schleicher [7]	3,083	1					
Scurry	11,545	5	40	36,018	313,439	435,766	122,327
Shackelford [7]	6,211	2					
Shelby	29,235	16	165	114,120	198,136	513,504	315,368
Sherman [6]	2,026						
Smith	69,090	61	1,049	841,510	5,984,895	8,867,162	2,882,267
Somervell [6]	3,071						
Starr [7]	13,312	3	21				
Stephens	12,356	12	74	68,698	129,868	332,755	202,887
Sterling [6]	1,404						
Stonewall [6]	5,589						
Sutton [7]	3,977	1					
Swisher	6,528	6	25	17,916	343,012	404,845	61,833
Tarrant	225,521	312	8,122	8,555,913	76,111,786	106,431,481	30,319,695
Taylor	44,147	49	617	471,220	3,051,971	4,936,853	1,884,882
Terrell [7]	2,952	1					
Terry	11,160	5	23	14,478	22,656	61,397	38,741
Throckmorton [7]	4,275	3	1				
Titus	19,228	15	292	199,857	2,601,464	3,765,350	1,163,886
Tom Green	39,302	34	246	233,286	910,474	1,952,013	1,041,539
Travis	111,053	96	1,220	1,153,928	3,489,889	8,155,645	4,665,756
Trinity	13,705	9	620	355,526	507,114	1,001,186	494,072
Tyler	11,948	19	506	277,272	419,165	887,596	468,431
Upshur	26,178	11	222	107,026	279,618	509,957	230,339

See footnotes at end of table.

TABLE 2.—SUMMARY FOR COUNTIES AND PLACES: 1939—Continued

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
COUNTIES [5]—continued							
Upton	4,297	6	16	$14,995	$36,299	$87,529	$51,230
Uvalde	13,246	4	14	14,766	25,532	82,091	56,559
Val Verde	15,453	8	22	17,883	42,454	144,459	102,005
Van Zandt [7]	31,155	6	151				
Victoria	23,741	16	124	109,735	463,705	831,464	367,759
Walker	19,868	7	337	193,750	367,538	996,280	628,742
Waller [7]	10,280	3	45				
Ward	9,575	11	116	148,386	593,395	1,438,437	845,042
Washington	25,387	14	226	138,244	649,734	1,016,958	367,224
Webb	45,916	20	376	214,045	1,033,663	2,107,813	1,074,150
Wharton	36,158	20	112	101,365	1,400,485	1,823,318	422,833
Wheeler	12,411	11	78	73,642	490,473	702,961	212,488
Wichita	73,604	108	1,678	1,812,285	10,425,149	15,868,260	5,443,111
Wilbarger	20,474	18	171	147,687	2,078,898	2,689,717	610,819
Willacy	13,230	8	26	20,499	89,820	162,670	72,850
Williamson	41,698	30	381	297,968	1,770,604	2,736,988	966,384
Wilson	17,066	6	134	94,222	162,660	482,197	319,537
Winkler	6,141	9	44	51,966	52,891	283,421	230,530
Wise	19,074	7	76	41,430	230,872	355,478	124,606
Wood	24,360	21	314	160,827	505,636	919,359	413,723
Yoakum [7]	5,354	1					
Young	19,004	24	166	164,404	1,418,098	2,024,163	606,065
Zapata [9]	3,916						
Zavala [7]	11,603	3	32				
Undistributed [8]		267	4,569	4,089,661	44,237,005	58,441,195	14,204,190
PLACES HAVING 10,000 OR MORE INHABITANTS							
Abilene [9]	26,612	42	510				
Amarillo	51,686	66	556	636,020	3,089,935	5,583,345	2,493,410
Austin	87,930	92	1,076	1,062,347	3,143,692	7,545,635	4,401,943
Beaumont	59,061	80	1,788	1,584,250	6,910,395	12,398,675	5,488,280
Big Spring [9]	12,604	18	88				
Borger	10,018	13	144	185,301	483,556	966,420	482,864
Brownsville	22,083	25	234	124,345	503,981	986,202	482,221
Brownwood [9]	13,398	28	231				
Bryan	11,842	14	63	53,575	390,771	691,554	300,783
Cleburne	10,558	11	81	53,707	151,825	329,712	177,887
Corpus Christi	57,301	64	652	735,429	9,723,189	13,845,582	4,122,393
Corsicana [9]	15,232	24	559				
Dallas	294,734	645	13,709	12,927,204	77,439,918	126,752,187	49,312,269
Del Rio	13,343	8	22	17,883	42,454	144,459	102,005
Denison	15,581	22	419	299,842	5,225,478	6,121,662	896,184
Denton [9]	11,192	16	133				
El Paso [9]	96,810	116	1,916				
Fort Worth	177,662	284	7,010	7,228,117	63,615,809	89,157,809	25,542,000
Galveston [9]	60,862	60	1,876				
Greenville	13,995	25	578	334,253	4,242,642	6,202,629	1,959,987
Harlingen	13,306	20	176	158,381	839,303	1,621,267	781,964
Highland Park [9]	10,288	1					
Houston	384,514	589	15,618	19,327,848	72,439,965	141,738,038	69,298,073
Laredo [9]	39,274	18	198				
Longview	13,758	19	303	205,623	452,175	1,280,972	828,797
Lubbock	31,853	55	584	533,186	4,872,754	6,835,873	1,963,119
Marshall	18,410	23	612	439,448	2,540,482	4,029,484	1,489,002
McAleen	11,877	13	215	92,843	670,534	1,122,800	452,266
Palestine [9]	12,144	16	135				
Pampa	12,895	14	126	179,417	346,515	1,145,316	798,801
Paris [9]	18,678	33	781				
Port Arthur	46,140	25	327	343,916	1,275,357	2,436,525	1,161,168
San Angelo [9]	25,802	33	219				
San Antonio	253,854	328	5,814	4,971,102	25,770,085	43,781,006	18,010,921
Sherman	17,156	28	802	617,806	10,401,006	13,486,798	3,085,792
Sweetwater [9]	10,367	13	135				
Temple	15,344	25	267	201,007	994,309	1,861,076	866,767
Terrell	10,481	10	140	83,985	810,095	1,220,255	410,160
Texarkana, Arkansas and Texas, total	28,840	52	1,173	828,627	3,154,013	5,859,390	2,705,377
Texarkana, Arkansas [9]	11,821	15	245				
Texarkana, Texas [9]	17,019	37	928				
Tyler	28,279	42	782	658,158	3,608,045	5,761,220	2,153,175
University Park [6]	14,458						
Victoria	11,566	15	109				
Waco	55,982	97	1,739	1,250,046	5,716,746	10,395,975	4,679,229
Wichita Falls	45,112	77	1,406	1,494,100	6,840,355	11,284,805	4,444,450

[1] Not including salaried officers and employees or nonmanufacturing wage earners. The figure for each county or place is an average of the numbers reported for the several months of the year. In calculating it, equal weight must be given to full-time and to part-time wage earners (not reported separately by the manufacturers), and for this reason it exceeds the number that would have been required to perform the work done in the industries if all wage earners had been continuously employed throughout the year. The quotient obtained by dividing the amount of wages by the average number of wage earners cannot, therefore, be accepted as representing the average wage received by full-time wage earners. Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several counties do not add exactly to the average for the State. In making comparisons between the figures for 1939 and those for earlier years, the possibility that the proportion of part-time employment varied from year to year should be taken into account.

[2] Profits and losses cannot be calculated from the census figures because no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, and advertising.

[3] See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

[5] For numbers of establishments by "Industry groups," see table 10.

[6] No manufacturing reported.

[7] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Undistributed figures."

[8] The "Undistributed" figure for number of establishments and a part of the "Undistributed" figure for number of wage earners are included above in the items for the respective counties. The sums of the figures in these two columns are, therefore, larger than the corresponding State totals.

[9] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments, and for the same reason no table giving statistics by industries, except for personnel, for the city of El Paso is included in this report.

TABLE 3.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, BY SEX: 1939 AND 1929

[The questionnaire for the first time, called for data on the *total* number of employees in manufacturing establishments, including those engaged wholly or chiefly in distribution, construction, and other nonmanufacturing activities. It is not known to what extent data for such employees were included in the figures reported for earlier years. This table presents detailed figures for employees receiving pay at any time within the *normal* pay-roll period ended nearest Oct. 14, 1939, and for such employees on the pay roll on Dec. 14, 1929, or on the nearest *representative* date. The total for "Wage earners engaged in manufacturing" is not identical with the average for the year given in other tables, and differs from the number reported for October 1939 or for December 1929, because for both years some manufacturers gave wage-earner figures for months other than those specified. See GENERAL EXPLANATIONS—Persons engaged—general classification]

CLASS AND SEX	1939 (Oct. 14) [1]	1929 (Dec. 14) [1]
All classes, aggregate [2]	176,818	136,669
Male	150,548	118,593
Female	26,270	18,076
Salaried officers and employees, total	39,446	20,215
Male	34,417	16,763
Female	5,029	3,452
Salaried officers of corporations, total	2,652	2,617
Male	2,481	2,498
Female	171	119
All other employees (except wage earners in manufacturing), total	36,794	17,598
Male	31,936	14,265
Female	4,858	3,333

CLASS AND SEX	1939 (Oct. 14) [1]	1929 (Dec. 14) [1]
Salaried officers and employees—Continued.		
All other employees, etc.—Continued.		
Engaged in manufacturing:		
Male	13,867	
Female	3,009	
Engaged in distribution:		
Male	13,952	
Female	1,779	(3)
Engaged in construction:		
Male	3,254	
Engaged in other work:		
Male	863	
Female	70	
Wage earners engaged in manufacturing, total	137,372	116,454
Male	116,131	101,830
Female	21,241	14,624

[1] See headnote.
[2] Figures do not include data for 3,990 proprietors and firm members for 1939 and 3,003 for 1929, which were not reported by sex for 1939.
[3] No data.

TABLE 4.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS: 1939, 1937, AND 1929

[The figures for 1939 relate to wage earners engaged in manufacturing only. It is not known to what extent the figures for earlier years include data for nonmanufacturing wage earners. See headnote to table 3]

CENSUS YEAR	Average number employed during year [1]	NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH—											
		January	February	March	April	May	June	July	August	September	October	November	December
1939	126,992	120,575	122,179	124,587	124,946	125,313	127,292	126,230	126,194	128,855	130,432	134,848	132,451
1937	129,501	122,763	125,297	126,618	128,144	130,506	133,475	130,177	131,558	134,428	132,130	130,569	128,344
1929	116,848	109,798	112,261	112,638	114,140	113,766	114,377	116,963	120,874	124,438	123,908	121,281	117,740

[1] See GENERAL EXPLANATIONS—Wage earners and wages.

TABLE 5.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY NUMBER OF WAGE EARNERS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS	VALUE ADDED BY MANUFACTURE [2]
	1939	1929	1939	1929	1939	1939
All establishments	5,376	4,991	126,992	116,848	$1,530,220,676	$453,105,423
No wage earners	137	91			2,848,917	1,526,596
1 to 5	2,578	2,621	7,356	7,974	62,767,140	33,518,480
6 to 20	1,545	1,322	16,711	14,374	146,136,986	58,012,942
21 to 50	611	537	19,337	16,802	178,066,830	64,243,974
51 to 100	273	212	19,017	15,009	174,616,751	59,263,864
101 to 250	167	147	25,633	22,450	236,320,167	81,903,298
251 to 500	47	44	15,766	14,887	158,737,508	30,506,879
501 to 1,000	10	8	7,110	4,828	150,950,713	25,804,211
1,001 to 2,500	4	5	4,765	6,872	136,050,277	34,202,709
2,501 or more	4	4	11,297	13,652	283,725,387	64,122,470

[1] See headnotes to tables 3 and 4.

[2] See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 6.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY VALUE OF PRODUCTS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
All establishments	5,376	4,991	126,992	116,848	$1,530,220,676	$1,381,672,496	$453,105,423	$428,050,586
$5,000 to $19,999	1,978	1,915	6,594	5,461	22,539,533	21,824,925	13,651,186	13,859,096
$20,000 to $49,999	1,322	1,170	9,180	7,622	42,451,513	37,895,509	24,188,404	23,354,220
$50,000 to $99,999	714	673	9,963	8,386	50,158,563	46,938,601	26,226,860	27,554,975
$100,000 to $249,999	659	530	18,107	14,285	104,097,027	83,758,949	47,300,210	43,392,754
$250,000 to $499,999	325	296	17,354	13,708	114,413,233	104,827,737	45,014,138	41,450,846
$500,000 to $999,999	188	211	19,247	18,172	130,344,927	146,868,010	55,300,746	55,634,842
$1,000,000 to $2,499,999	127	136	18,372	17,878	196,089,630	200,975,801	73,659,989	68,497,664
$2,500,000 to $4,999,999	35	36	4,310	5,836	120,583,466	122,217,295	27,389,426	33,364,211
$5,000,000 and over	28	24	23,865	25,500	749,542,784	616,365,669	140,374,464	120,941,978

[1] See headnotes to tables 3 and 4.

[2] See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 7.—ESTABLISHMENTS CLASSIFIED AS UNDER CORPORATE OR OTHER FORM OF OWNERSHIP (OR CONTROL) AND AS UNDER CENTRAL-ADMINISTRATIVE-OFFICE OR INDEPENDENT OPERATION: 1939 AND 1929

TYPE OF OWNERSHIP OR CONTROL, AND OF OPERATION	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
Total	5,376	4,991	126,992	116,848	$1,530,220,676	$1,381,672,496	$453,105,423	$428,050,586
TYPE OF OPERATION								
1939 [3]								
Corporate ownership or control:								
Central-administrative-office (plural-unit)	1,151	(3)	63,693	(3)	1,103,759,285	(3)	274,569,092	(3)
Independent (single-unit)	1,345	(3)	38,309	(3)	306,116,064	(3)	122,938,026	(3)
Noncorporate ownership:								
Central-administrative-office (plural-unit)	241	(3)	3,009	(3)	18,323,117	(3)	8,172,166	(3)
Independent (single-unit)	2,639	(3)	21,981	(3)	102,022,210	(3)	47,426,139	(3)
1939 AND 1929 [3]								
Central-administrative-office (plural-unit), corporate and noncorporate	1,392	884	66,702	51,538	1,122,082,402	866,945,103	282,741,258	218,904,521
Independent (single-unit), corporate and noncorporate	3,984	4,107	60,290	65,310	408,138,274	514,727,393	170,364,165	209,146,065
TYPE OF OWNERSHIP OR CONTROL								
Corporate	2,496	2,315	102,002	98,944	1,409,875,349	1,277,665,361	397,507,118	378,855,057
Noncorporate, total	2,880	2,676	24,990	17,904	120,345,327	104,007,135	55,598,305	49,195,529
Individual	1,991	(4)	14,936	(4)	66,561,517	(4)	32,471,550	(4)
Partnership	860	(4)	9,373	(4)	48,375,311	(4)	21,794,513	(4)
Cooperative	13	(4)	467	(4)	3,285,741	(4)	825,654	(4)
Other	16	(4)	214	(4)	2,122,758	(4)	506,588	(4)

[1] See headnotes to tables 3 and 4.

[2] See GENERAL EXPLANATIONS—Value added by manufacture.

[3] Because of changes in the questionnaire, no comparable figures for 1929 can be given for the first section of this table. For this reason, the items have been regrouped under "1939 and 1929" to present comparable figures so far as this can be done.

[4] No data.

TABLE 8.—GENERAL STATISTICS FOR

[illegible] industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establish[illegible] are given, however, reported larger numbers of wage earners or

		INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1]						
					Total [2]	Salaried officers of corporations [2]	Manufacturing		Distribution	Construction	Other
							Salaried employees [3]	Wage earners (average for year) [3]			
		All industries, total	5,376	3,990	166,438	2,652	16,876	126,992	15,731	3,254	933
2	17	Agricultural machinery (except tractors)	10	9	126	5	23	90	4		4
3	18	Automobile trailers (for attachment to passenger cars)	3	3	60		1	55	4		
4	6	Baskets for fruits and vegetables	10	16	868	2	32	825	9		
5	16	Batteries, storage and primary (dry and wet)	15	9	460	7	45	365	40	2	1
6	5	Batting, padding, and wadding, upholstery filling	4	1	61	2	6	46	6		1
7	4	Belts (apparel), regardless of material	4	4	53		1	31	21		
8	1	Biscuit, crackers, and pretzels	6	5	715	2	67	605	36		5
9	17	Blowers, exhaust and ventilating fans	8	8	55	3	8	40	4		
10	9	Bone black, carbon black, and lampblack	37		1,440	12	111	1,200	3	82	2
11	8	Bookbinding and related industries	16	11	200	10	22	159	9		
12	8	Books: printing without publishing	9	4	107	10	12	70	14	1	
13	8	Books: publishing and printing	5		301	15	43	197	46		
14	8	Books: publishing without printing	9	2	108	10	66		32		
15	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	535	565	6,902	72	404	5,653	565	28	180
16	13	Brick and hollow structural tile	37	12	1,638	21	95	1,432	66	24	
17	20	Brooms	25	25	232	6	8	194	24		
18	1	Candy and other confectionery products	54	38	954	16	46	752	140		
19	1	Canned and dried fruits and vegetables (including canned soups)	54	29	2,259	29	98	2,056	65	7	4
20	4	Canvas products (except bags)	12	8	248	7	13	154	71	3	
21	19	Cars and car equipment—railroad, street, and rapid-transit	4		58		7	51			
22	6	Caskets, coffins, burial cases, and other morticians' goods	23	14	523	26	33	393	69		2
23	13	Cement	10		1,507	5	169	1,260	59	14	
24	1	Cheese	22	14	154		35	117	2		
25	9	Chemicals not elsewhere classified	12	1	886	3	123	703	12	42	3
26	4	Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors	3	3	147	1	5	135	3	1	2
27	4	Children's dresses—made in inside factories or by jobbers engaging contractors	3	2	169	3	3	162	1		
28	9	Cleaning and polishing preparations, blackings, and dressings	5	6	29	1	2	20	5		1
29	7	Coated and glazed paper	3		318		18	265	19	16	
30	4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	7	9	170	2	10	147	8		3
31	17	Commercial laundry, dry-cleaning, and pressing machinery	4	2	78	3	8	54	13		
32	9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	27		335	9	41	192	93		
33	13	Concrete products	60	40	736	41	33	587	73	1	1
34	1	Condensed and evaporated milk	9	1	209	5	34	161	8		1
35	17	Construction and similar machinery (except mining and oil-field machinery and tools)	3	2	71	3	3	59	6		
36	7	Converted paper products not elsewhere classified	3	2	104	4	8	78	14		
37	1	Cooking and other edible fats and oils, not elsewhere classified	10		884	14	120	652	74	23	1
38	6	Cooperage	8	2	60	5	5	48			2
39	3	Cotton broad woven goods	21		6,066	27	170	5,823	8		38
40	9	Cottonseed oil, cake, meal, and linters	144	38	4,774	113	628	3,818	182	18	15
41	1	Creamery butter	66	32	979	18	134	600	163	37	27
42	4	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	7	3	116	7	5	99	5		
43	1	Custom slaughtering, wholesale	6	7	79	1	6	71	1		
44	9	Drugs and medicines (including drug grinding)	21	8	282	26	36	146	63	9	2
45	15	Electroplating, plating, and polishing	8	10	57	2	1	50	4		
46	8	Electrotyping and stereotyping, not done in printing establishments	4	4	33		5	23	5		
47	8	Engraving (steel, copperplate, and wood); plate printing	10	7	110	2	15	86	7		
48	7	Envelopes	5	1	110	7	11	69	23		
49	9	Explosives	3		8			4	4		
50	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	44	30	1,676	41	111	1,370	154		
51	9	Fertilizers	17	13	258	8	23	192	33	2	
52	3	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	5	2	334	9	33	256	35		1
53	1	Flavoring extracts and flavoring sirups, not elsewhere classified	16	13	245	7	37	112	89		
54	1	Flour and other grain-mill products	67	37	2,649	71	288	1,620	575	58	37
55	1	Food preparations, not elsewhere classified	64	57	978	15	59	719	180		5
56	17	Food-products machinery	4	6	45		6	33	6		
57	12	Footwear (except rubber)	6	1	256	8	20	207	21		
58	8	General commercial (job) printing	315	334	2,293	137	280	1,646	230		
59	16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	4	1	96	2	20	66	8		
60	14	Gray-iron and semisteel castings	28	20	888	25	65	746	52		
61	9	Grease and tallow (except lubricating greases)	4	1	44	6	2	27	7	2	
62	13	Gypsum products	5	1	398		41	326	28	3	
63	26	Hard stamps, steel dies, and brands	9	7	35	2	3	27	3		
64	14	Heating and cooking apparatus, except electric, not elsewhere classified	3	1	13	1	6	6			
65	3	Hosiery—full-fashioned	3		416	7	21	357	29		2
66	4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	9	5	299	2	19	245	31		2

See footnotes at end of table.

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ments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures larger values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
199,510,575	11,434,195	32,228,366	128,138,703	22,525,597	4,236,711	947,003	1,077,115,253	1,046,046,477	17,304,459	10,624,540	3,139,777	1,530,220,676	453,105,423	1
122,440	23,645	26,673	64,361	6,087	----------	1,674	206,740	198,697	5,287	2,500	256	462,947	256,207	2
(5)	----------	(5)	(5)	(5)	----------	----------	(5)	(5)	----------	(5)	----------	(5)	(5)	3
482,618	5,700	36,948	417,179	22,791	----------	----------	392,927	389,070	519	3,338	----------	1,231,148	838,221	4
544,035	38,114	79,806	357,482	64,242	3,848	543	2,043,455	1,975,708	12,477	55,270	----------	3,634,699	1,591,244	5
35,725	6,160	7,241	19,790	1,953	----------	581	80,433	74,743	1,036	2,677	1,977	129,229	48,796	6
26,232	----------	725	17,569	7,938	----------	----------	61,674	61,371	43	260	----------	104,694	43,020	7
784,351	13,200	125,237	540,888	98,577	----------	6,449	1,571,973	1,539,136	24,771	8,066	----------	4,161,041	2,589,068	8
61,364	7,429	10,963	38,565	4,407	----------	----------	100,168	98,386	483	1,299	----------	188,240	88,072	9
2,122,432	107,400	303,690	1,589,788	16,541	103,098	1,915	4,653,858	4,397,885	1,303	254,670	----------	11,123,048	6,469,190	10
231,848	37,059	32,069	129,927	32,793	----------	----------	245,560	238,250	1,095	3,997	2,218	731,269	485,709	11
164,278	33,137	18,301	86,098	26,188	554	----------	138,983	121,625	1,146	4,169	12,043	362,564	223,581	12
538,985	73,083	64,611	286,221	115,070	----------	----------	463,940	451,130	1,531	7,445	3,834	1,244,095	780,155	13
180,321	56,478	63,762	----------	60,081	----------	----------	224,842	20,894	----------	----------	203,948	688,870	464,028	14
7,515,966	323,024	626,804	5,846,426	557,869	24,728	137,115	15,694,908	15,050,125	302,587	342,196	----------	32,994,866	17,299,958	15
1,124,659	72,641	128,727	839,060	72,683	11,548	----------	877,820	253,919	522,712	92,439	8,750	2,876,007	1,998,187	16
185,945	8,080	8,096	132,939	36,830	----------	----------	318,152	312,630	1,659	3,863	----------	624,620	306,468	17
767,111	55,096	68,871	433,982	206,198	----------	2,964	2,104,544	2,064,664	18,669	19,946	1,265	3,834,117	1,729,573	18
1,102,188	94,889	117,706	833,301	48,448	5,208	2,636	6,702,276	6,594,172	57,645	47,325	3,134	9,791,996	3,089,720	19
243,759	48,005	22,075	112,202	58,601	2,876	----------	558,733	551,761	1,963	5,009	----------	1,067,448	508,715	20
84,684	----------	13,431	71,253	----------	----------	----------	59,013	53,488	1,286	4,239	----------	161,588	102,575	21
641,578	120,687	54,401	331,447	134,021	----------	1,022	936,412	920,052	5,536	10,824	----------	2,113,020	1,176,608	22
2,048,585	28,837	411,442	1,424,423	167,488	16,395	----------	3,935,364	1,963,377	1,217,498	754,489	----------	12,726,180	8,790,816	23
155,486	----------	46,291	108,267	928	----------	----------	1,969,766	1,924,810	21,467	23,489	----------	2,412,755	442,989	24
1,183,442	16,604	314,221	774,654	46,612	24,590	6,761	2,439,856	2,133,278	237,465	69,113	----------	6,479,090	4,039,234	25
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	26
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	27
32,831	2,600	3,337	20,431	5,963	----------	500	64,531	63,638	176	717	----------	152,361	87,830	28
(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	29
130,622	4,505	9,897	99,390	14,490	----------	2,340	285,562	282,307	1,061	2,194	----------	508,292	222,730	30
81,078	9,020	6,366	47,822	17,870	----------	----------	124,551	122,815	102	1,634	----------	305,342	180,791	31
592,743	57,604	90,498	264,791	179,850	----------	----------	489,841	339,106	31,564	119,171	----------	2,033,040	1,543,199	32
786,980	163,019	57,514	475,584	89,079	1,248	536	1,748,239	1,717,711	6,948	23,205	375	3,250,236	1,501,997	33
223,052	13,605	50,159	150,487	8,001	----------	800	1,985,725	1,931,539	40,257	13,929	----------	2,611,978	626,253	34
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	35
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	36
1,039,906	103,188	231,687	525,584	152,575	26,066	806	15,390,346	15,213,431	128,061	48,854	----------	18,733,914	3,343,568	37
53,756	12,979	7,071	32,457	----------	----------	1,249	158,493	156,229	965	1,299	----------	248,987	90,494	38
4,039,769	101,843	301,891	3,601,924	11,728	----------	22,383	6,463,401	5,885,931	139,388	438,082	----------	12,964,406	6,501,005	39
4,040,115	319,104	1,101,246	2,362,664	238,309	11,133	7,659	35,052,317	34,100,692	507,273	443,351	1,001	44,406,882	9,354,565	40
931,803	46,198	163,732	476,199	157,800	22,852	65,022	9,194,450	8,998,585	65,772	130,093	----------	11,349,176	2,154,726	41
88,766	17,816	7,270	60,112	3,568	----------	----------	481,047	479,267	260	1,520	----------	639,840	158,793	42
79,293	2,520	8,780	66,493	1,500	----------	----------	21,984	465	4,997	16,522	----------	115,056	93,072	43
418,367	90,549	59,022	121,158	139,623	5,986	2,029	580,189	566,662	7,117	6,410	----------	1,581,663	1,001,474	44
57,736	3,480	1,080	49,178	3,998	----------	----------	19,792	14,016	2,419	3,110	247	129,652	109,860	45
49,382	----------	9,346	32,710	7,326	----------	----------	27,214	18,242	1,975	3,162	3,835	147,469	120,255	46
132,545	11,600	22,976	88,087	9,882	----------	----------	147,346	141,978	681	3,062	1,625	487,625	340,279	47
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	48
17,090	----------	----------	5,390	11,700	----------	----------	87,290	86,653	637	----------	----------	647,193	559,903	49
2,115,014	148,098	213,414	1,499,688	253,814	----------	----------	5,775,250	5,665,186	19,196	66,758	24,110	9,982,810	4,207,560	50
181,681	13,424	24,762	89,672	48,959	4,512	352	1,386,953	1,367,970	2,504	14,394	2,085	2,017,717	630,764	51
304,722	58,040	33,076	167,662	45,190	----------	754	504,350	495,437	3,602	5,311	----------	1,066,736	562,386	52
324,253	18,725	66,543	106,849	132,136	----------	----------	2,716,319	2,706,450	3,703	6,166	----------	8,466,114	5,749,795	53
3,412,611	330,194	513,530	1,581,965	908,378	45,430	33,114	31,381,628	30,979,867	95,467	306,294	----------	41,250,858	9,869,230	54
764,050	48,374	88,824	428,249	193,895	----------	4,708	4,288,261	4,203,381	33,301	51,579	----------	6,563,554	2,275,293	55
45,425	----------	7,407	30,360	7,658	----------	----------	74,684	73,681	36	967	----------	183,771	109,087	56
324,741	43,600	34,054	214,040	33,047	----------	----------	354,608	348,886	1,626	4,096	----------	882,630	528,022	57
2,943,047	405,190	352,334	1,843,147	342,376	----------	----------	2,803,443	2,558,605	21,790	87,789	135,259	8,074,124	5,270,681	58
137,733	6,800	44,348	74,984	11,601	----------	----------	408,319	403,106	611	4,352	250	728,441	320,122	59
980,834	99,629	123,395	683,424	74,386	----------	----------	864,326	731,086	107,150	24,128	1,962	2,357,943	1,493,617	60
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	61
511,223	----------	91,575	347,767	68,356	3,525	----------	856,326	682,686	69,222	104,418	----------	3,226,112	2,369,786	62
44,963	8,600	3,720	27,843	4,800	----------	----------	35,749	33,699	596	939	515	148,454	112,705	63
19,676	6,000	5,736	7,940	----------	----------	----------	37,510	34,515	139	357	2,499	76,419	38,909	64
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	65
206,334	4,800	29,002	147,901	23,331	----------	1,300	389,331	385,470	982	2,879	----------	680,162	290,831	66

TABLE 8.—GENERAL STATISTICS FOR THE

	Page	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS[1]						
					Total[2]	Salaried officers of corporations[2]	Manufacturing		Distribution	Construction	Other
							Salaried employees[1]	Wage earners (average for year)[3]			
1	1	House furnishings (except curtains, draperies, and bedspreads)	9	8	233	2	19	184	27	1	...
2	1	Household furniture, except upholstered	24	25	1,020	17	46	851	103		3
3	1	Ice cream and ices	131	78	1,687	53	186	687	686	37	38
4	1	Ice manufactured	449	179	3,653	116	361	1,441	1,652	40	43
5	12	Industrial leather belting and packing leather	6	1	35	7	5	18	5	...	...
6	17	Industrial machinery, not elsewhere classified	10	3	206	16	25	153	12	...	...
7	9	Insecticides, fungicides, and related industrial and household chemical compounds	19	9	111	14	12	38	46	...	1
8	17	Jewelry, precious metals	8	5	112	...	17	90	5	...	...
9	13	Lime	7	1	221	10	16	181	14	...	...
10	8	Lithographing and photolithographing (including preparation of stones or plates and dry transfers)	19	11	466	20	75	325	46		...
11	5	Logging camps and logging contractors (not operating sawmills)	42	50	532	...	3	525	4	...	...
12	9	Lubricating oils and greases—not made in petroleum refineries	4	4	93	4	4	25	60	...	...
13	1	Macaroni, spaghetti, vermicelli, and noodles	10	6	109	6	6	78	18	...	1
14	8	Machine and hand typesetting (including advertisement typesetting)	10	8	105	6	16	76	6	1	...
15	17	Machine-shop products, not elsewhere classified	62	49	864	36	92	676	50	8	2
16	17	Machine-shop repairs	142	166	924	31	80	765	43	...	5
17	1	Malt liquors	8	1	1,267	14	93	690	442	27	1
18	6	Mattresses and bedsprings	69	68	775	18	63	590	101	...	3
19	1	Meat packing, wholesale	66	53	6,089	62	608	3,944	1,145	118	212
20	4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	3	4	125	2	14	109	...	...	...
21	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	7	7	254	6	18	211	18	...	1
22	4	Men's neckwear—made in inside factories or by jobbers engaging contractors	5	4	121	3	4	107	7	...	...
23	4	Millinery	22	11	902	24	76	723	69	...	10
24	13	Mineral wool	4		44	2	4	30	8	...	...
25	13	Minerals and earths, ground or otherwise treated	10	2	389	8	24	341	16	...	...
26	13	Mirrors and other glass products made of purchased glass	9	7	85	1	4	69	11	...	...
27	20	Models and patterns (except paper patterns)	7	9	27	...	1	24	2	...	...
28	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	65	78	605	8	32	510	51	...	4
29	18	Motor vehicles, motor-vehicle bodies, parts and accessories	24	15	1,491	12	44	1,327	105	...	3
30	8	Newspapers: publishing and printing	362	353	7,573	191	2,097	3,468	1,808	9	...
31	8	Newspapers: publishing without printing	6	9	9	...	8	1	...	...	...
32	1	Nonalcoholic beverages	307	235	4,115	174	271	1,431	2,131	9	99
33	15	Nonferrous-metal foundries (except aluminum)	12	6	239	6	22	199	12	...	...
34	17	Oil-field machinery and tools	65	24	7,928	80	1,085	6,003	634	110	16
35	9	Paints, varnishes, and lacquers	25	10	388	26	32	193	131	3	3
36	7	Paperboard containers and boxes not elsewhere classified	17	2	505	15	49	404	35	2	...
37	6	Partitions, shelving, cabinet work, and office and store fixtures	16	11	323	15	29	258	21	...	...
38	10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	3	...	19	...	3	15	1	...	...
39	9	Perfumes, cosmetics, and other toilet preparations	12	12	133	4	15	94	20	...	...
40	8	Periodicals: publishing and printing	26	19	636	21	190	365	60	...	...
41	8	Periodicals: publishing without printing	51	30	235	28	172	1	34	...	...
42	10	Petroleum refining	113	29	25,302	77	3,906	18,931	362	1,980	46
43	8	Photoengraving, not done in printing establishments (including preparation of plates	24	13	296	21	55	174	46	...	...
44	1	Pickled fruits and vegetables and vegetable sauces and seasonings	13	7	300	18	15	247	17	1	2
45	5	Planing mills not operated in conjunction with sawmills	120	105	2,265	34	200	1,951	75	1	4
46	13	Pottery products not elsewhere classified	6	7	83	2	5	71	5	...	...
47	1	Poultry dressing and packing, wholesale	62	46	1,547	5	86	1,425	29	...	2
48	14	Power boilers and associated products	23	15	820	25	100	653	41	...	1
49	1	Prepared feeds (including mineral) for animals and fowls	59	61	984	33	114	642	170	21	4
50	1	Preserves, jams, jellies, and fruit butters	5	7	89	5	7	74	3	...	...
51	15	Primary smelting and refining of nonferrous metals	4	...	1,364	1	187	1,165	...	5	6
52	9	Printing ink	3	...	29	2	2	8	15	...	2
53	17	Printing-trades machinery and equipment	4	1	24	3	2	11	8	...	...
54	3	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	5	...	149	13	9	122	5	...	...
55	17	Pumping equipment and air compressors	4	2	409	2	43	283	62	18	1
56	17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	9	4	362	6	16	302	18	20	...
57	1	Rice cleaning and polishing	13	4	817	27	142	561	66	3	18
58	11	Rubber products not elsewhere classified	7	7	119	5	9	93	12	...	...
59	12	Saddlery, harness, and whips	13	9	367	6	42	278	41	...	...
60	1	Salad dressings	18	22	326	8	20	176	120	2	...
61	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	26	9	282	1	11	228	40	1	1
62	7	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	236	253	15,546	81	698	14,498	170	73	26
63	13	Sewer pipe and kindred products	3	1	358	...	11	309	33	5	...
64	15	Sheet-metal work not specifically classified	39	34	385	8	27	381	18	...	1
65	19	Shipbuilding and ship repairing	10	4	1,502	12	106	1,379	5	...	...

See footnotes at end of table.

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SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
159,916	4,140	30,096	81,161	43,583	936	----	588,373	584,954	1,242	2,177	----	896,013	307,640	1
1,028,016	69,578	91,674	707,946	156,507	----	2,311	1,395,824	1,353,490	4,598	37,736	----	2,959,849	1,564,025	2
1,759,948	203,187	239,338	597,186	646,181	31,919	42,137	5,749,072	5,453,040	80,176	215,856	----	10,832,980	5,083,908	3
3,818,209	347,601	579,075	1,324,837	1,469,743	55,421	41,532	2,316,579	730,381	496,654	1,089,444	100	11,346,315	9,029,736	4
52,863	16,742	9,623	24,176	2,322	----	----	73,785	72,007	838	940	----	157,790	84,005	5
296,136	60,506	41,101	172,156	22,373	----	----	438,873	420,593	885	8,839	8,556	909,680	470,807	6
178,816	55,578	23,511	33,860	64,730	----	1,137	447,364	441,026	1,874	4,464	----	901,616	454,252	7
150,540	----	33,072	112,327	5,141	----	----	282,559	279,915	555	2,089	----	521,350	238,791	8
187,988	26,362	23,980	120,452	17,194	----	----	221,305	143,079	64,615	13,611	----	530,614	309,309	9
734,665	85,865	118,978	433,702	96,120	----	----	597,270	551,296	3,602	13,557	28,815	1,658,590	1,061,320	10
284,017	----	2,037	278,560	3,420	----	----	287,415	232,803	12,632	----	41,980	969,850	682,435	11
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	12
82,635	14,505	6,745	46,479	14,444	----	462	185,067	176,034	2,034	6,999	----	341,835	156,768	13
200,320	25,292	35,662	128,571	7,946	2,849	----	33,945	26,603	2,894	3,826	622	370,718	336,773	14
1,237,491	155,031	159,497	790,313	126,246	4,946	1,458	1,324,457	1,232,338	27,291	38,286	26,542	3,450,334	2,125,877	15
1,321,625	88,316	127,673	1,008,839	93,185	----	3,612	941,129	847,316	24,071	63,566	6,176	3,584,506	2,643,377	16
2,212,202	155,118	203,326	962,277	843,697	46,926	858	2,775,137	2,636,881	68,769	69,487	----	8,994,414	6,219,277	17
782,610	72,512	90,106	506,602	110,861	----	2,529	2,046,392	2,009,933	4,064	32,395	----	3,974,732	1,928,340	18
8,247,087	364,378	1,156,313	4,505,023	1,854,729	153,595	213,049	72,052,667	71,431,826	251,137	352,715	16,989	85,461,048	13,408,381	19
(5)	(5)	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	20
210,622	25,112	24,063	143,009	17,918	----	520	614,691	502,635	2,057	4,399	105,600	1,090,548	475,857	21
101,603	25,500	5,119	62,997	7,987	----	----	209,386	207,481	112	1,793	----	395,350	185,964	22
745,773	75,092	112,793	447,288	104,583	----	6,017	1,405,730	1,382,130	9,544	14,056	----	2,698,105	1,292,375	23
32,074	6,978	3,243	14,307	7,546	----	----	36,333	21,905	12,100	2,328	----	81,261	44,928	24
405,373	53,900	46,964	276,884	27,625	----	----	741,056	618,926	48,507	32,074	41,549	2,473,578	1,732,522	25
110,305	8,850	8,590	77,553	14,420	----	892	154,376	150,099	741	3,536	----	338,959	184,583	26
49,462	----	2,400	42,562	4,500	----	----	19,684	18,389	139	1,156	----	117,140	97,456	27
688,143	18,114	65,948	544,997	57,820	----	1,264	638,723	555,110	13,214	50,695	19,704	2,147,958	1,509,235	28
(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	29
12,008,414	930,087	3,672,089	5,062,511	2,335,448	8,279	----	6,926,328	6,283,578	78,924	253,150	310,676	28,779,404	21,853,076	30
8,553	----	6,276	2,277	----	----	----	20,897	460	65	107	20,265	74,023	53,126	31
5,118,494	722,087	446,566	1,097,278	2,701,256	14,844	136,463	10,081,247	9,822,796	69,899	180,045	8,507	24,459,290	14,378,043	32
327,013	29,586	56,504	226,944	13,979	----	----	396,899	369,867	12,822	14,210	----	1,100,820	703,921	33
14,333,756	844,678	2,310,540	9,563,551	1,460,035	133,437	21,515	12,659,844	12,049,460	142,575	440,325	27,484	41,149,017	28,489,173	34
557,456	106,320	57,817	208,365	180,466	3,001	1,487	2,380,074	2,353,390	5,045	21,639	----	4,457,252	2,077,178	35
578,278	44,656	120,465	337,358	72,367	3,432	----	1,524,009	1,502,773	6,667	14,499	70	2,752,727	1,228,718	36
462,024	68,841	57,976	279,792	55,415	----	----	394,736	377,178	1,518	10,810	5,230	1,072,002	677,266	37
18,663	----	3,640	13,523	1,500	----	----	225,736	220,627	2,357	2,752	----	267,257	41,521	38
159,399	58,538	13,680	60,607	26,574	----	----	795,331	790,835	2,240	2,256	----	1,180,146	384,815	39
1,036,554	118,712	266,705	544,078	107,059	----	----	712,882	679,175	5,757	18,740	9,210	3,060,041	2,347,159	40
326,209	80,203	220,111	960	24,935	----	----	491,108	41,468	280	288	449,072	1,137,566	646,458	41
46,320,519	397,550	9,728,195	32,515,958	557,944	3,082,004	38,868	576,380,689	563,238,278	10,292,880	2,223,811	625,720	698,850,077	122,469,388	42
573,015	99,317	95,581	304,898	73,219	----	----	213,023	185,640	3,526	13,938	9,919	1,094,263	881,240	43
219,988	35,240	21,039	152,841	9,401	405	1,062	779,385	769,077	5,595	4,713	----	1,115,091	335,706	44
2,382,334	159,937	298,828	1,817,134	98,909	2,986	4,540	4,813,023	4,704,630	15,462	91,580	1,351	9,313,859	4,500,836	45
58,210	8,100	5,200	38,393	6,017	----	500	23,204	13,731	6,608	2,615	250	117,062	93,858	46
709,069	14,600	129,419	529,047	21,059	1,997	12,947	7,837,506	7,778,352	14,079	45,075	----	9,158,690	1,321,184	47
1,169,798	111,164	169,091	749,795	138,976	----	772	3,196,115	3,134,904	8,527	51,670	1,014	5,100,697	1,904,582	48
1,020,943	113,083	160,268	522,234	197,952	25,657	1,749	9,573,936	9,408,365	28,972	131,749	4,850	12,601,582	3,027,646	49
46,541	6,031	7,785	29,561	2,593	300	271	478,502	475,281	1,666	1,555	----	641,465	162,963	50
(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	51
(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	52
37,191	4,800	1,872	14,409	16,110	----	----	43,180	36,627	1,131	534	4,888	123,701	80,521	53
105,341	29,800	7,920	61,321	6,300	----	----	383,419	376,605	577	6,237	----	629,877	246,458	54
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	55
422,742	13,048	20,867	329,432	39,644	19,751	----	1,197,052	1,181,656	4,876	10,520	----	2,472,254	1,275,202	56
988,928	132,424	236,349	476,226	117,791	3,289	22,849	9,632,486	9,606,761	11,312	14,413	----	11,874,619	2,242,133	57
161,833	24,035	19,100	81,427	37,271	----	----	445,794	425,574	4,868	15,352	----	815,724	369,930	58
340,068	14,622	48,982	211,851	64,613	----	----	806,807	801,139	882	4,786	----	1,341,309	534,502	59
297,330	15,860	26,913	106,491	144,096	3,970	----	2,781,343	2,765,380	6,242	9,721	----	3,643,217	861,874	60
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	61
10,511,532	248,687	1,046,252	8,878,202	234,291	67,724	36,376	11,239,401	10,490,986	123,604	21,384	603,427	27,924,987	16,685,586	62
(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	63
490,422	19,023	41,705	382,467	47,187	----	40	1,069,297	1,058,030	2,367	8,854	46	1,878,248	808,951	64
2,087,135	91,651	315,901	1,657,466	22,117	----	----	1,712,151	1,625,961	20,526	65,664	----	5,047,700	3,335,549	65

TABLE 8.—GENERAL STATISTICS FOR THE

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
1	20	Signs, advertising displays, and advertising novelties	43	39	480	24	30	344	70	12	.....
2	9	Soap and glycerin	4	3	34	1	5	20	8	.....	.....
3	17	Special-industry machinery, not elsewhere classified	7	3	567	8	52	404	103	.....	.....
4	20	Sporting and athletic goods not elsewhere classified	5	5	92	1	6	71	14	.....	.....
5	14	Stamped and pressed metal products (except automobile stampings)	7	7	141	7	13	112	9	.....	.....
6	14	Steel barrels, kegs, and drums	4	.....	330	2	23	298	2	5	.....
7	14	Steel castings	3	1	287	6	19	254	6	2	.....
8	14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	5	1	88	3	8	74	3	.....	.....
9	12	Suitcases, brief cases, bags, trunks, and other luggage	4	2	51	4	2	37	8	.....	.....
10	20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	8	8	45	3	6	27	9	.....	.....
11	4	Textile bags—not made in textile mills	15	6	970	9	51	832	76	2	.....
12	14	Tin cans and other tinware not elsewhere classified	9	1	1,221	2	173	1,000	25	21	.....
13	14	Tools (except edge tools, machine tools, files, and saws)	3	1	35	8	6	20	1	.....	.....
14	4	Trousers (semidress), wash suits, and washable service apparel	11	4	1,108	18	37	995	56	.....	2
15	6	Upholstered household furniture	18	18	657	8	35	583	31	.....	.....
16	6	Venetian blinds	21	14	294	11	21	200	62	.....	.....
17	1	Vinegar and cider	6	4	55	3	4	39	9	.....	.....
18	13	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	3	.....	80	4	8	63	5	.....	.....
19	6	Window and door screens and weather strip	6	10	42	1	3	30	7	.....	1
20	6	Window shades	8	10	32	1	1	26	4	.....	.....
21	14	Wirework not elsewhere classified	5	1	109	2	8	94	5	.....	.....
22	4	Women's and misses' clothing not elsewhere classified—made in inside factories or by jobbers engaging contractors	7	6	176	5	7	154	8	.....	2
23	4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	14	9	1,348	18	85	1,142	95	3	5
24	4	Women's, children's, and infants' underwear and nightwear of knitted fabrics	5	5	114	1	13	94	6	.....	.....
25	4	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	6	4	129	4	6	103	14	.....	2
26	6	Wooden boxes, except cigar boxes	16	9	1,073	9	36	1,018	10	.....	.....
27	6	Wood preserving	15	2	1,329	4	98	1,220	7	.....	.....
28	6	Wood products not elsewhere classified	9	10	190	4	14	163	9	.....	.....
29	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	43	31	4,728	42	186	4,189	299	.....	12
30		Other industries [6]	246	133	11,938	164	810	9,896	647	396	25
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]									
31	1	Food and kindred products	36	14	1,105	8	64	938	93	1	1
32	3	Textile-mill products and other fiber manufactures	11	3	931	13	40	832	44	.....	2
33	4	Apparel and other finished products made from fabrics and similar materials	33	31	948	14	53	857	21	1	2
34	6	Furniture and finished lumber products	8	6	325	5	22	288	10	.....	.....
35	7	Paper and allied products	16	4	1,674	17	107	1,133	66	345	6
36	9	Chemicals and allied products	20	10	394	14	26	263	86	3	2
37	13	Stone, clay, and glass products	15	8	696	9	36	587	59	5	.....
38	14	Iron and steel and their products, except machinery	27	8	1,581	35	126	1,367	40	12	1
39	17	Machinery (except electrical)	17	9	690	20	67	504	80	18	1
40	20	Miscellaneous industries	14	11	177	3	15	144	12	3	.....
41	2	Tobacco manufactures	2	29	3,417	26	254	2,983	136	8	10
	12	Leather and leather products	4								
	15	Nonferrous metals and their products	12								
	16	Electrical machinery	4								
	18	Automobiles and automobile equipment	27								

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.
[2] Figures do not include data for personnel of central-administrative offices.
[3] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
625,239	94,163	37,913	385,200	97,454	10,509	----------	460,341	429,918	6,186	14,518	9,719	1,546,134	1,085,793	1
28,786	1,000	6,622	13,457	7,707	----------	----------	104,036	102,482	1,292	262	----------	141,365	37,329	2
845,529	62,119	106,330	441,775	235,305	----------	----------	950,213	926,178	9,995	14,040	----------	2,412,374	1,462,161	3
91,997	2,100	10,531	61,445	17,921	----------	----------	90,105	86,931	611	863	1,700	215,211	125,106	4
155,854	17,835	18,800	101,543	17,676	----------	----------	407,357	399,516	586	3,547	3,708	753,537	346,180	5
(3)	(3)	(3)	(3)	(3)	(3)	----------	(3)	(3)	(3)	(3)	----------	(3)	(3)	6
(3)	(3)	(3)	(3)	(3)	(3)	----------	(3)	(3)	(3)	(3)	(3)	(3)	(3)	7
108,128	17,013	11,034	74,412	5,669	----------	----------	469,960	464,187	1,768	3,255	750	680,844	210,884	8
48,688	10,050	2,500	27,429	8,709	----------	----------	65,891	65,002	237	652	----------	115,267	49,376	9
45,913	5,844	4,561	27,247	8,261	----------	----------	32,280	31,142	178	960	----------	105,693	73,413	10
880,231	60,180	82,501	533,768	199,191	4,591	----------	6,834,842	6,815,782	2,959	16,101	----------	8,427,734	1,592,892	11
1,568,152	16,361	376,718	1,096,388	49,822	28,863	----------	7,925,773	7,873,346	7,489	44,938	----------	12,028,573	4,102,800	12
(3)	(3)	(3)	(3)	(3)	----------	----------	(3)	(3)	(3)	(3)	----------	(3)	(3)	13
808,386	75,777	47,483	602,063	82,307	----------	756	1,635,483	1,567,313	3,674	8,454	56,042	3,389,901	1,754,418	14
665,581	30,955	48,427	521,819	64,380	----------	----------	1,059,991	1,046,635	876	12,480	----------	2,051,168	991,177	15
243,881	31,239	19,135	130,990	62,517	----------	----------	456,313	450,063	1,223	5,027	----------	915,727	459,414	16
65,071	18,500	7,495	26,551	12,525	----------	----------	210,176	203,811	2,327	4,038	----------	301,099	90,923	17
(3)	(3)	(3)	(3)	(3)	----------	----------	(3)	(3)	(3)	(3)	(3)	(3)	(3)	18
41,444	600	4,302	28,318	7,123	----------	1,101	54,839	53,273	111	1,355	100	123,735	68,896	19
31,561	1,886	1,452	20,167	8,056	----------	----------	240,452	239,278	164	1,010	----------	345,011	104,559	20
96,993	4,800	14,989	70,606	6,598	----------	----------	199,818	194,058	576	5,184	----------	477,138	277,320	21
103,792	4,940	7,389	80,456	9,292	----------	1,715	203,884	200,694	1,021	2,169	----------	348,698	144,814	22
1,198,302	135,618	136,801	726,456	188,946	5,133	5,348	2,100,495	1,980,441	6,615	13,857	99,582	3,880,945	1,780,450	23
(3)	(3)	(3)	(3)	(3)	----------	----------	(3)	(3)	(3)	(3)	----------	(3)	(3)	24
84,204	5,355	7,535	52,308	18,676	----------	330	193,902	193,311	110	481	----------	327,999	134,097	25
643,007	38,700	53,996	521,139	29,172	----------	----------	1,193,315	1,176,288	1,690	15,337	----------	2,436,599	1,243,284	26
1,120,150	16,316	173,363	920,250	10,221	----------	----------	4,905,840	4,722,957	141,741	41,142	----------	8,087,852	3,182,012	27
137,522	10,500	12,550	103,822	10,650	----------	----------	230,245	222,609	219	7,417	----------	461,530	231,285	28
3,247,612	192,850	260,365	2,398,957	387,927	----------	7,513	7,749,759	7,666,620	21,494	46,313	15,332	12,414,425	4,664,666	29
13,208,188	758,185	1,575,328	9,283,902	1,356,612	206,350	27,811	104,566,575	102,107,405	1,337,367	958,759	163,044	132,630,529	28,063,954	30
946,937	55,200	109,189	631,548	137,936	10,544	2,520	17,601,566	17,363,256	121,626	116,684	----------	19,399,228	1,797,662	31
967,926	106,618	76,209	665,840	117,668	----------	1,591	1,599,732	1,545,894	11,274	42,564	----------	2,850,150	1,250,418	32
518,839	45,917	43,943	409,230	18,878	565	306	895,431	859,611	3,136	11,769	20,915	1,878,122	982,691	33
275,520	27,798	27,354	170,338	50,030	----------	----------	278,928	271,055	1,192	6,681	----------	695,434	416,506	34
1,991,742	94,040	262,497	1,325,780	141,005	158,171	10,249	4,133,124	3,738,992	191,464	202,668	----------	7,951,705	3,818,581	35
572,962	60,616	45,971	254,487	205,593	4,285	2,010	1,323,517	1,250,031	49,300	24,186	----------	3,133,830	1,810,313	36
698,682	26,990	62,347	489,524	116,622	2,859	340	847,819	635,418	160,787	50,972	642	2,208,670	1,360,851	37
1,845,594	161,849	232,506	1,362,054	69,514	18,621	1,050	4,629,435	4,358,621	93,503	167,541	9,770	7,579,341	2,949,906	38
988,668	68,717	127,583	615,721	173,931	2,016	700	2,168,754	2,110,470	18,402	33,794	6,088	4,112,855	1,944,101	39
166,968	6,275	31,985	115,773	11,385	1,550	----------	185,662	179,107	1,853	4,322	380	443,247	257,585	40
4,234,350	104,165	555,744	3,243,607	314,050	7,739	9,045	70,902,607	69,794,950	684,830	297,578	125,249	82,377,947	11,475,340	41

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[6] For numbers of establishments and of wage earners in individual industries, see table 11.

TABLE 9.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939

[This table presents, for each city in the State having 100,000 or more inhabitants, except El Paso (see footnote 6), separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments, and gives statistics for the remaining industries both in combination "Other industries" and by industry groups. Certain of the industries for which combined figures are given, however, reported larger numbers of wage earners or larger values of products than some of those shown separately. No data for nonmanufacturing personnel, except salaried officers of corporations, are included in this table]

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
		DALLAS										
	All industries, total	645	416	422	1,671	13,709	$1,929,051	$2,902,278	$12,927,204	77,439,918	$126,752,187	$49,312,269
16	Batteries, storage and primary (dry and wet)	4	------	1	8	67	3,600	13,787	64,448	446,306	639,400	193,094
8	Bookbinding and related industries	8	4	7	8	45	21,769	12,044	41,305	96,824	319,060	222,236
8	Books, printing without publishing	4	2	6	7	44	21,585	13,466	46,928	101,934	234,362	132,428
8	Books, publishing without printing	5	1	5	32	------	35,600	30,031	------	162,960	442,261	279,301
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	38	25	13	69	910	67,083	123,421	973,864	2,432,267	5,408,279	2,976,012
1	Candy and other confectionery products	10	4	3	10	196	(4)	(4)	(4)	(4)	(4)	(4)
6	Caskets, coffins, burial cases, and other morticians' goods	3	2	4	6	129	(4)	(4)	(4)	(4)	(4)	(4)
9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	5	------	------	10	39	------	20,821	50,608	117,770	465,977	348,207
13	Concrete products	6	6	------	2	56	------	2,520	55,158	207,042	385,817	178,775
9	Cottonseed oil, cake, meal, and linters	3	------	5	25	112	35,300	68,075	88,241	3,335,775	3,787,004	451,229
9	Drugs and medicines (including drug grinding)	6	2	4	9	34	(4)	(4)	(4)	(4)	(4)	(4)
15	Electroplating, plating, and polishing	3	4	------	------	23	------	------	20,961	8,507	53,531	45,024
8	Engraving (steel, copperplate, and wood), plate printing	4	5	------	1	24	------	1,040	20,723	23,780	73,195	49,415
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	8	7	------	4	207	------	10,117	233,027	1,040,139	1,692,036	651,897
1	Flavoring extracts and flavoring sirups, not elsewhere classified	5	6	1	13	27	(4)	(4)	(4)	(4)	(4)	(4)
1	Food preparations, not elsewhere classified	16	14	5	19	149	14,949	23,289	89,708	988,050	1,660,451	672,401
8	General commercial (job) printing	69	71	42	87	420	131,065	115,281	494,124	879,703	2,360,145	1,480,442
4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	3	------	------	4	143	(4)	(4)	(4)	(4)	(4)	(4)
4	Housefurnishings (except curtains, draperies, and bedspreads)	3	1	------	4	74	------	5,983	39,070	254,497	387,242	132,745
6	Household furniture, except upholstered	3	1	1	3	171	(4)	(4)	(4)	(4)	(4)	(4)
1	Ice cream and ices	10	1	5	15	76	17,000	20,917	41,699	627,796	1,214,878	587,082
1	Ice, manufactured	26	9	13	16	101	36,423	26,738	103,762	185,306	669,938	484,632
9	Insecticides, fungicides, and related industrial and household chemical compounds	3	------	7	4	8	(4)	(4)	(4)	(4)	(4)	(4)
8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	3	1	3	8	26	15,950	15,673	27,109	89,501	199,048	109,547
8	Machine and hand typesetting (including advertisement typesetting)	4	3	4	7	51	(4)	(4)	(4)	(4)	(4)	(4)
17	Machine-shops products, not elsewhere classified	7	8	2	8	76	4,295	13,051	68,526	128,276	359,645	231,369
17	Machine-shop repairs	6	9	------	4	42	------	4,025	43,920	36,102	153,986	117,884
6	Mattresses and bedsprings	5	2	1	24	196	(4)	(4)	(4)	(4)	(4)	(4)
1	Meat packing, wholesale	4	2	6	65	376	(4)	(4)	(4)	(4)	(4)	(4)
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	4	3	6	13	145	25,112	18,042	96,971	506,677	889,338	382,661
13	Mirrors and other glass products made of purchased glass	4	4	1	2	34	8,850	5,900	37,110	74,247	168,138	93,891
13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	3	2	------	7	68	------	10,098	75,810	123,924	301,427	177,503
18	Motor vehicles, motor-vehicle bodies, parts and accessories	4	------	3	21	1,058	(4)	(4)	(4)	(4)	(4)	(4)
8	Newspapers: publishing and printing	5	2	12	280	386	124,788	612,148	736,983	1,552,523	4,721,862	3,169,339
1	Nonalcoholic beverages	13	5	7	20	167	52,382	40,693	154,084	1,159,701	3,049,898	1,890,197
17	Oil-field machinery and tools	3	3	------	3	76	(4)	(4)	(4)	(4)	(4)	(4)
9	Paints, varnishes, and lacquers	10	3	13	19	102	49,454	34,947	101,935	1,215,699	2,188,079	972,380
7	Paperboard containers and boxes not elsewhere classified	6	1	10	8	82	(4)	(4)	(4)	(4)	(4)	(4)
6	Partitions, shelving, cabinet work, and office and store fixtures	7	4	3	15	123	15,815	28,450	129,658	183,776	460,490	276,714
9	Perfumes, cosmetics, and other toilet preparations	8	4	4	13	88	(4)	(4)	(4)	(4)	(4)	(4)
8	Periodicals: publishing and printing	4	1	7	59	52	(4)	(4)	(4)	(4)	(4)	(4)
8	Periodicals: publishing without printing	24	20	17	76	------	59,123	126,011	------	237,852	644,438	406,586
8	Photoengraving, not done in printing establishments (including preparation of plates)	6	1	9	15	83	43,481	27,593	162,939	116,135	476,233	360,098
1	Pickled fruits and vegetables and vegetable sauces and seasonings	4	------	5	4	87	(4)	(4)	(4)	(4)	(4)	(4)
5	Planing mills not operated in conjunction with sawmills	14	8	7	21	184	35,560	34,619	222,111	430,846	879,090	448,244

See footnotes at end of table.

TABLE 9.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
	DALLAS—Continued											
14	Power boilers and associated products	3	2	4	4	16	$11,209	$6,160	$25,141	$50,661	$105,705	$55,044
1	Prepared feeds (including mineral) for animals and fowls	3	3	------	3	18	(4)	(4)	(4)	(4)	(4)	(4)
17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	3	2	2	2	32	(4)	(4)	(4)	(4)	(4)	(4)
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	3	------	1	2	52	(4)	(4)	(4)	(4)	(4)	(4)
15	Sheet-metal work not specifically classified	8	6	------	5	44	------	6,268	54,493	87,313	182,933	95,620
20	Signs, advertising displays, and advertising novelties	6	6	4	2	72	48,360	2,967	73,758	105,583	370,560	264,977
20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	4	4	2	2	10	(4)	(4)	(4)	(4)	(4)	(4)
4	Textile bags—not made in textile mills	4	2	------	19	243	(4)	(4)	(4)	(4)	(4)	(4)
4	Trousers (semi-dress), wash suits, and washable service apparel	6	4	7	16	378	(4)	(4)	(4)	(4)	(4)	(4)
6	Upholstered household furniture	3	1	------	18	180	(4)	(4)	(4)	(4)	(4)	(4)
6	Venetian blinds	5	2	2	4	55	7,125	4,348	41,774	99,663	181,526	81,863
6	Window and door screens and weather strip	3	8	------	------	14	------	------	15,307	26,334	59,797	33,463
6	Window shades	4	8	------	------	13	(4)	(4)	(4)	(4)	(4)	(4)
4	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	3	2	3	1	64	------	175	36,514	74,004	116,212	42,208
4	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	3	2	2	3	58	(4)	(4)	(4)	(4)	(4)	(4)
4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	12	8	3	35	792	9,050	43,163	472,984	1,120,232	1,873,101	752,869
	Other industries [5]	287	162	224	825	8,869	1,034,123	1,380,417	7,986,451	59,112,213	89,577,105	30,464,892
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	46	23	26	232	1,603	160,920	385,585	1,467,023	20,196,096	27,496,310	7,300,214
4	Apparel and other finished products made from fabrics and similar materials	80	49	66	217	2,875	280,741	329,835	1,884,171	6,883,381	11,858,309	4,974,928
6	Furniture and finished lumber products	23	18	8	52	746	44,300	89,424	695,741	1,917,768	3,797,487	1,879,719
7	Paper and allied products	12	3	20	43	510	103,725	95,140	527,662	2,108,160	3,940,924	1,832,764
8	Printing, publishing, and allied industries	13	10	11	75	137	48,881	101,712	209,508	348,918	1,310,743	961,825
9	Chemicals and allied products	25	13	24	30	171	130,171	40,397	124,026	1,191,497	2,044,315	852,818
12	Leather and leather products	7	2	7	12	114	15,926	16,540	91,117	303,327	467,730	164,403
13	Stone, clay, and glass products	5	3	1	8	59	6,300	10,951	38,227	45,157	133,910	88,753
14	Iron and steel and their products, except machinery	15	5	19	25	183	81,502	33,144	132,606	543,531	1,120,368	576,837
16	Electrical machinery	4	1	5	------	16	23,240	------	17,402	65,755	143,131	77,376
17	Machinery (except electrical)	21	14	17	58	541	73,909	120,336	602,867	1,696,631	4,103,594	2,406,963
20	Miscellaneous industries	15	12	3	15	79	3,035	29,157	98,206	158,601	372,698	214,097
3	Textile-mill products and other fiber manufactures	8	2	14	27	712						
15	Nonferrous metals and their products	6	5	------	9	55						
18	Automobiles and automobile equipment	4	------	3	21	1,058	61,473	128,196	2,097,895	23,653,391	32,787,586	9,134,195
10	Products of petroleum and coal	1	2	------	1	10						
11	Rubber products	2										
	EL PASO											
	All industries, total	116	86	89	275	1,916	(6)	(6)	(6)	(6)	(6)	(6)
	FORT WORTH											
	All industries, total	284	191	184	954	7,010	$971,696	$1,960,993	$7,228,117	$63,615,809	$89,157,809	$25,542,000
16	Batteries, storage and primary (dry and wet)	3	3	------	1	10	------	1,210	7,496	29,960	52,660	22,700
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	20	16	5	20	424	44,900	38,024	437,200	1,132,112	2,596,171	1,464,059
1	Candy and other confectionery products	5	1	7	17	272	31,176	31,330	140,164	563,196	1,320,089	756,893
9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	3	------	2	4	25	33,356	9,770	38,942	63,331	365,675	302,344
13	Concrete products	5	4	5	4	37	20,969	5,280	29,821	170,475	281,794	111,319

See footnotes at end of table.

TABLE 9.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Code	Industry	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
	FORT WORTH—Continued											
1	Creamery butter	6		1	6	37	(4)	(4)	(4)	(4)	(4)	(4)
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	5	5	6	13	121	$17,623	$24,880	$136,546	$748,849	$1,182,289	$433,440
1	Flour and other grain-mill products	3	1	10	17	183	(4)	(4)	(4)	(4)	(4)	(4)
1	Food preparations, not elsewhere classified	6	3	1	8	90	3,000	14,975	62,287	480,123	642,638	162,515
8	General commercial (job) printing	32	35	12	11	140	31,863	17,572	142,971	231,815	630,925	399,110
1	Ice cream and ices	7	6		17	58		29,097	54,906	583,498	1,101,558	518,060
1	Ice, manufactured	16	1	13	15	74	46,075	30,259	84,451	137,459	685,761	548,302
17	Industrial machinery, not elsewhere classified	3		5	2	25	28,021	3,955	30,215	61,393	136,796	75,403
8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	6	3	8	15	96	(4)	(4)	(4)	(4)	(4)	(4)
17	Machine-shop products, not elsewhere classified	4	1	5	8	60	15,132	12,194	67,008	151,276	320,208	168,932
17	Machine-shop repairs	8	6	7	1	38	21,518	1,872	32,541	16,240	127,597	111,357
6	Mattresses and bedsprings	5	3		1	28		1,248	25,725	68,113	138,397	70,284
1	Meat packing, wholesale	3	1		334	1,783	(4)	(4)	(4)	(4)	(4)	(4)
13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	4	8			11			10,291	18,282	49,956	31,674
18	Motor vehicles, motor-vehicle bodies, parts and accessories	3	1	2	12	123	(4)	(4)	(4)	(4)	(4)	(4)
8	Newspapers: publishing and printing	6	4	8	129	210	(4)	(4)	(4)	(4)	(4)	(4)
1	Nonalcoholic beverages	7	3	4	9	65	15,675	17,483	45,135	565,530	1,407,366	841,836
15	Nonferrous-metal foundries (except aluminum)	3		3	6	31	(4)	(4)	(4)	(4)	(4)	(4)
17	Oil-field machinery and tools	4	4	3	8	48	9,527	12,127	54,588	186,105	499,862	313,757
9	Paints, varnishes, and lacquers	3	3	2	1	5	3,800	710	5,357	44,011	68,350	24,339
8	Periodicals: publishing and printing	3	1	5	30	42	(4)	(4)	(4)	(4)	(4)	(4)
8	Periodicals: publishing without printing	7	3	1	15	1	5,500	19,806	960	80,421	145,658	65,237
8	Photoengraving, not done in printing establishments (including preparation of plates)	4	5	1	9	25	1,950	10,608	42,253	29,065	156,914	127,849
5	Planing mills not operated in conjunction with sawmills	6	6		4	51		5,700	68,935	115,358	245,177	129,819
1	Poultry dressing and packing, wholesale	5	3		5	134	(4)	(4)	(4)	(4)	(4)	(4)
1	Prepared feeds (including mineral) for animals and fowls	5	2	4	23	123	(4)	(4)	(4)	(4)	(4)	(4)
15	Sheet-metal work not specifically classified	5	5	1	6	32	3,010	8,376	39,392	122,936	206,688	83,752
20	Signs, advertising displays, and advertising novelties	5	5		2	22		2,536	19,715	29,606	84,953	55,347
6	Upholstered household furniture	3	1	5	6	173	22,255	9,910	152,804	316,701	587,037	270,336
6	Venetian blinds	3	2	2	4	30	(4)	(4)	(4)	(4)	(4)	(4)
4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	4	2	9	36	782	(4)	(4)	(4)	(4)	(4)	(4)
	Other industries [5]	114	64	99	772	5,173	616,346	1,652,071	5,498,414	57,669,954	76,123,290	18,453,336
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	33	16	26	404	2,399	126,860	910,539	2,932,274	47,645,522	57,954,893	10,309,371
4	Apparel and other finished products made from fabrics and similar materials	10	8	11	46	870	38,250	64,661	556,416	1,942,176	2,966,562	1,024,386
6	Furniture and finished lumber products	10	6	9	18	191	18,765	26,890	151,959	351,427	738,334	386,907
8	Printing, publishing, and allied industries	20	13	22	178	369	267,598	402,662	636,415	939,392	3,898,000	2,958,608
9	Chemicals and allied products	10	6	6	28	226	42,365	49,763	138,737	2,195,560	3,442,971	1,247,411
12	Leather and leather products	6	3	7	19	118	40,180	33,576	127,098	264,054	617,240	353,186
14	Iron and steel and their products, except machinery	5	3	7	23	359	39,854	47,219	409,699	686,715	1,486,319	799,604
20	Miscellaneous industries	3	4			6			5,802	8,274	26,941	18,667
15	Nonferrous metals and their products	4		4	7	44						
18	Automobiles and automobile equipment	4	3	2	13	126						
3	Textile-mill products and other fiber manufactures	1										
5	Lumber and timber basic products	1										
7	Paper and allied products	1					42,474	116,761	540,014	3,636,834	4,992,030	1,355,196
10	Products of petroleum and coal	1										
11	Rubber products	1	2	5	36	465						
17	Machinery (except electrical)	2										
19	Transportation equipment except automobiles	2										

See footnotes at end of table.

TABLE 9.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
		HOUSTON										
	All industries, total	589	376	391	2,586	15,618	$2,251,202	$5,032,982	$19,327,848	$72,439,965	$141,738,038	$69,298,073
17	Blowers; exhaust and ventilating fans	5	6		6	23	(4)	(4)	(4)	(4)	(4)	(4)
8	Bookbinding and related industries	5	4	1	7	46	6,000	8,781	35,584	79,453	183,274	103,821
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	42	35	9	70	780	48,656	117,782	1,064,202	2,777,589	6,059,746	3,282,157
1	Candy and other confectionery products	7	5	1	2	34	3,600	636	23,317	114,612	188,627	74,015
4	Canvas products (except bags)	4	4		2	22		3,175	22,747	39,767	111,817	72,050
6	Caskets, coffins, burial cases, and other morticians' goods	3	1	4	5	29	(4)	(4)	(4)	(4)	(4)	(4)
9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	7		6	12	67	20,498	28,647	90,742	177,523	669,986	492,463
13	Concrete products	10	8	9	5	81	25,150	10,024	78,816	293,447	545,214	251,767
1	Cooking and other edible fats and oils, not elsewhere classified	3		4	32	166	16,380	72,067	154,189	4,437,322	5,408,131	970,809
9	Cottonseed oil, cake, meal, and linters	6	2	2	25	156	12,400	47,696	77,443	1,287,330	1,970,986	683,656
1	Creamery butter	4	1	1	11	30	(4)	(4)	(4)	(4)	(4)	(4)
15	Electroplating, plating, and polishing	3	3	2	1	14	(4)	(4)	(4)	(4)	(4)	(4)
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	12	5	16	22	440	56,875	39,099	528,945	1,688,591	3,279,539	1,590,948
9	Fertilizers	3	1	2	7	46	4,002	9,128	16,543	351,744	483,166	131,422
1	Flavoring extracts and flavoring sirups, not elsewhere classified	5	3	5	8	27	(4)	(4)	(4)	(4)	(4)	(4)
1	Flour and other grain-mill products	4	1	3	17	203	(4)	(4)	(4)	(4)	(4)	(4)
8	General commercial (job) printing	62	60	27	57	327	86,120	77,621	437,094	627,845	1,796,514	1,168,669
14	Gray-iron and semisteel castings	6	3	1	28	177	4,200	54,797	141,234	266,914	649,856	382,942
20	Hand stamps, stencils, and brands	4	3	2	2	14	8,600	2,520	15,609	20,948	89,754	68,806
4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	3	4		5	42		6,996	21,128	51,218	122,715	71,497
6	Household furniture, except upholstered	6	9	6	21	293	(4)	(4)	(4)	(4)	(4)	(4)
1	Ice cream and ices	11	1	2	28	101	15,200	46,412	94,334	862,137	1,652,157	790,020
1	Ice, manufactured	21	4	12	24	113	55,130	42,541	119,223	136,486	717,566	581,080
9	Insecticides, fungicides, and related industrial and household chemical compounds	5	4		4	12		6,028	9,574	107,808	152,943	45,135
15	Jewelry (precious metals)	5	2		14	75		29,194	91,069	243,581	414,439	170,858
8	Machine and hand typesetting (including advertisement typesetting)	3	2	2	7	16	6,005	12,281	28,577	8,431	89,662	81,231
17	Machine-shop products, not elsewhere classified	14	8	15	37	228	101,498	74,787	296,824	473,568	1,332,513	858,945
17	Machine-shop repairs	17	16	4	13	122	15,475	19,570	194,446	173,747	589,825	416,078
6	Mattresses and bedsprings	9	8	7	9	109	37,932	13,105	103,249	333,001	798,959	465,958
1	Meat packing, wholesale	3	1	5	20	408	(4)	(4)	(4)	(4)	(4)	(4)
20	Models and patterns (except paper patterns)	4	6			17			35,370	16,732	93,583	76,851
13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	4	4	1	3	31	6,000	5,297	36,572	51,902	143,303	91,401
18	Motor vehicles, motor-vehicle bodies, parts and accessories	5	1	6	5	42	9,450	8,033	38,894	226,450	345,824	119,374
8	Newspapers: publishing and printing	8	5	11	304	540	102,444	624,540	830,372	1,258,936	5,284,131	4,025,195
1	Nonalcoholic beverages	18	9	17	14	124	83,733	24,765	113,740	1,053,521	2,667,822	1,614,301
15	Nonferrous-metal foundries (except aluminum)	4	2	1	6	51	3,600	14,796	62,732	97,697	252,988	155,291
17	Oil-field machinery and tools	27	8	37	932	4,686	555,661	2,033,576	7,856,027	8,978,476	32,832,546	23,854,070
9	Paints, varnishes, and lacquers	6	3	6	7	56	(4)	(4)	(4)	(4)	(4)	(4)
7	Paperboard containers and boxes not elsewhere classified	4			18	142		52,166	124,295	672,736	1,252,276	579,540
6	Partitions, shelving, cabinet work, and office and store fixtures	5	2	9	9	92	44,073	19,370	97,509	134,464	396,330	261,866
10	Petroleum refining	3		4	34	148	(4)	(4)	(4)	(4)	(4)	(4)
8	Periodicals: publishing and printing	5	1	5	70	176	68,496	125,517	291,872	275,671	1,603,799	1,328,128
8	Periodicals: publishing without printing	9	1	6	29		12,680	38,064		72,532	160,208	87,676
8	Photoengraving, not done in printing establishments (including preparation of plates)	4	1	6	13	23	24,547	29,324	38,395	18,273	164,643	146,370
5	Planing mills not operated in conjunction with sawmills	13	9	7	16	176	53,410	31,054	174,509	567,799	1,120,299	552,500
1	Poultry dressing and packing, wholesale	4			4	35		6,604	29,142	472,640	560,173	87,533
14	Power boilers and associated products	5	5	8	44	292	(4)	(4)	(4)	(4)	(4)	(4)
1	Prepared feeds (including mineral) for animals and fowls	8	8	7	22	74	(4)	(4)	(4)	(4)	(4)	(4)
1	Rice cleaning and polishing	6	2	13	65	258	(4)	(4)	(4)	(4)	(4)	(4)
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	6	4		7	87	(4)	(4)	(4)	(4)	(4)	(4)

See footnotes at end of table.

TABLE 9.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
	HOUSTON—Continued											
5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	3	3	...	9	95	.....	$11,316	$59,419	$74,624	$212,093	$137,469
15	Sheet metal work not specifically classified	5	6	..	4	132	.....	7,570	155,078	557,028	892,328	335,300
20	Signs, advertising displays, and advertising novelties	9	5	9	7	61	$20,946	8,904	88,491	72,252	263,856	191,604
4	Textile bags—not made in textile mills	8	3	7	29	497	59,900	46,152	292,199	4,513,115	5,436,960	923,845
14	Tin cans and other tinware not elsewhere classified	3	.....	.....	81	414	(4)	(4)	(4)	(4)	(4)	(4)
6	Upholstered household furniture	6	8	2	8	97	7,500	8,115	68,430	193,782	364,091	170,309
6	Venetian blinds	3	3	2	8	41	(4)	(4)	(4)	(4)	(4)	(4)
6	Wood products not elsewhere classified	3	6	.....	1	17	.....	1,200	12,219	23,228	59,224	35,996
	Other industries [5]	182	117	145	693	5,409	675,041	1,213,732	5,277,694	38,555,045	60,324,172	21,769,127
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	52	32	44	190	1,596	163,989	347,351	1,694,411	20,816,626	29,320,036	8,503,410
3	Textile-mill products and other fiber manufactures	6	2	8	14	356	63,733	21,147	217,146	926,350	1,406,108	479,758
4	Apparel and other finished products made from fabrics and similar materials	10	11	6	36	468	21,480	37,182	269,444	687,325	1,340,838	653,513
6	Furniture and finished lumber products	21	19	17	69	666	79,953	121,049	576,478	1,968,076	3,738,344	1,770,268
8	Printing, publishing, and allied industries	8	5	6	54	147	26,250	69,027	185,837	304,256	896,693	592,437
9	Chemicals and allied products	14	5	7	29	180	42,615	60,521	194,045	1,487,550	3,159,044	1,671,494
13	Stone, clay, and glass products	7	1	8	36	232	40,550	70,384	239,388	883,410	2,073,251	1,189,841
14	Iron and steel and their products, except machinery	25	16	24	181	1,290	130,683	308,896	1,379,944	9,082,192	14,080,240	4,998,048
15	Nonferrous metals and their products	5	6	3	4	44	10,080	6,451	50,049	69,373	193,851	124,478
17	Machinery (except electrical)	12	8	7	12	83	15,504	24,954	91,169	222,759	447,502	224,743
20	Miscellaneous industries	8	7	2	3	50	7,284	5,745	42,758	62,273	159,015	96,742
7	Paper and allied products	3	1	3	4	27						
10	Products of petroleum and coal	3	.....	4	34	148						
16	Electrical machinery	4	2	.....	20	66	72,920	141,025	337,025	2,044,855	3,509,250	1,464,395
11	Rubber products	2	2	6	7	56						
12	Leather and leather products	2										
	SAN ANTONIO											
	All industries, total	328	262	155	772	5,814	$697,579	$1,188,037	$4,971,102	$25,770,085	$43,781,006	$18,010,921
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	46	44	7	48	673	45,562	76,740	682,985	1,664,369	3,753,083	2,088,714
1	Candy and other confectionery products	4	3	1	1	44	2,950	900	26,913	98,471	166,371	67,900
6	Caskets, coffins, burial cases, and other morticians' goods	4	1	6	3	31	17,812	3,200	25,988	97,084	188,799	91,715
9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	4	.....	..	3	19	(4)	(4)	(4)	(4)	(4)	(4)
13	Concrete products	6	1	10	2	88	53,140	4,325	71,593	196,071	425,232	229,161
9	Drugs and medicines (including drug grinding)	3	3	2	5	13	4,800	8,818	10,062	32,731	99,094	66,363
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	4	2	2	4	132	(4)	(4)	(4)	(4)	(4)	(4)
1	Flour and other grain-mill products	3	.....	3	20	106	(4)	(4)	(4)	(4)	(4)	(4)
1	Food preparations, not elsewhere classified	10	7	.....	7	176	.....	19,062	111,894	902,929	1,579,208	676,279
8	General commercial (job) printing	27	37	9	35	166	29,080	32,414	178,934	238,424	749,154	510,730
1	Ice cream and ices	11	13	1	8	40	1,200	12,348	57,245	467,631	907,492	439,861
1	Ice, manufactured	16	3	8	9	70	24,050	29,897	66,071	111,366	447,388	336,022
17	Machine-shop repairs	6	8	.....	1	20	.....	862	22,333	21,150	77,044	55,894
6	Mattresses and bedsprings	9	9	3	2	43	7,401	1,572	28,499	98,909	189,814	90,905
1	Meat packing, wholesale	9	5	12	99	655	79,904	154,555	591,563	9,328,156	11,198,094	1,869,938
13	Monuments, tombstones, cut-stone and stone products, not elsewhere classified	7	11	.....	3	32	.....	2,291	25,798	51,433	154,730	103,297
8	Motor vehicles, motor-vehicle bodies, parts and accessories	5	4	.....	2	31	.....	1,631	19,753	50,344	94,431	44,087
8	Newspapers: publishing and printing	6	2	5	288	290	(4)	(4)	(4)	(4)	(4)	(4)
1	Nonalcoholic beverages	11	5	11	13	82	54,931	20,804	69,397	634,418	1,492,325	857,907
7	Paperboard containers and boxes not elsewhere classified	3	1	3	2	58	(4)	(4)	(4)	(4)	(4)	(4)

See footnotes at end of table.

TABLE 9.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
		SAN ANTONIO—Continued										
8	Periodicals: publishing and printing	6	11	2	5	36	$4,080	$2,858	$50,366	$52,447	$182,143	$129,696
5	Planing mills not operated in conjunction with sawmills	8	4	3	21	160	7,980	23,286	172,150	393,309	894,825	501,516
1	Poultry dressing and packing, wholesale	6	5	-------	-------	24	-------	-------	16,226	279,035	343,758	64,723
1	Prepared feeds (including mineral) for animals and fowls	4	4	-------	4	33	-------	4,579	33,959	825,035	963,459	138,424
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	4	3	-------	-------	36	-------	-------	31,316	684,170	728,886	44,716
15	Sheet-metal work not specifically classified	3	2	-------	1	17	-------	1,370	19,294	28,567	76,062	47,495
20	Signs, advertising displays, and advertising novelties	6	6	1	4	29	2,500	4,950	32,889	38,258	133,048	94,790
6	Upholstered household furniture	5	7	1	3	114	1,200	2,318	86,714	164,376	293,093	128,717
4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	7	4	9	24	490	20,450	28,315	273,321	808,363	1,294,745	486,382
	Other industries [5]	105	62	69	472	2,715	340,539	750,942	2,265,839	8,503,039	17,348,728	8,845,689
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	22	17	18	60	385	123,749	122,198	369,789	3,841,751	6,693,167	2,851,416
4	Apparel and other finished products made from fabrics and similar materials	17	13	11	38	760	49,716	39,590	360,190	726,445	1,493,425	766,980
6	Furniture and finished lumber products	4	4	-------	1	108	-------	1,348	33,788	48,611	127,443	78,832
7	Paper and allied products	5	2	3	4	76	11,466	7,043	51,219	138,521	261,728	123,207
8	Printing, publishing, and allied industries	14	4	15	311	419	85,509	492,336	647,970	1,068,103	3,417,307	2,349,204
9	Chemicals and allied products	9	3	3	13	84	9,875	25,363	56,747	530,167	748,956	218,789
14	Iron and steel and their products, except machinery	7	3	7	13	176	17,670	20,112	183,931	540,169	916,859	376,690
15	Nonferrous metals and their products	4	4	-------	1	22	-------	1,551	22,714	17,641	67,044	49,403
17	Machinery (except electrical)	9	5	4	21	350	16,820	30,280	387,361	1,112,220	2,432,429	1,320,209
20	Miscellaneous industries	6	6	3	-------	42	4,420	-------	33,764	64,038	164,324	100,286
2	Tobacco manufactures	2	-------									
3	Textile-mill products and other fiber manufactures	1	-------									
10	Products of petroleum and coal	1	-------	5	10	293	21,314	11,121	118,366	415,373	1,026,046	610,673
12	Leather and leather products	1	-------									
13	Stone, clay, and glass products	1	-------									
16	Electrical machinery	2	1									

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] Figures do not include data for personnel of central-administrative offices.
[2] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.
[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[4] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[5] For numbers of establishments and of wage earners in individual industries, see table 11.
[6] Separate statistics for El Paso, except for personnel, have been withheld to avoid disclosing data for individual establishments. For El Paso County statistics, see table 2.

TABLE 10.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939

COUNTY	Total	INDUSTRY GROUP																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
The State	5,376	2,092	2	46	211	398	251	33	866	346	116	7	33	228	151	79	23	342	27	14	111
Anderson	23	10				5	1		2	1	1			1	1			1			
Andrews	32	9				13	2		3						2			2	1		
Aransas	1	1																			
Archer	3	1									2										
Armstrong	1	1																			
Atascosa	2	1								1											
Austin	6	1							2	2											1
Bailey	1								1												
Bandera	1	1																			
Bastrop	15	6				2			2	2				3							
Baylor	5	3							1	1											
Bee	8	4							1		2										1
Bell	30	17					2		7	1				2				1			
Bexar	356	148	2	1	24	11	22	5	47	14	5		2	23	9	7	2	15	6		13
Bosque	7	4							2									1			
Bowie	60	17				18	8		3	5	1			2				3			1
Brazoria	7	4							2	1											
Brazos	14	8				1	1		3	1											
Brewster	3	2							1												
Briscoe	2	1												1							
Brooks	6	5							1												
Brown	29	16					2		5	1				3				1			1
Burleson	5	2					1		1	1											
Burnet	2								1					1							
Caldwell	14	8							2	1	1							2			
Calhoun	1	1																			
Callahan	3	2									1										
Cameron	69	37		1	1	2	4	1	10	5	2			1				5			
Camp	13	4				3	2		1	2					1						
Carson	4	1							1	1									1		
Cass	20	2				16			1					1							
Castro	1	1																			
Chambers	7	1				4			1									1			
Cherokee	43	10			2	18	7		3	1				1				1			
Childress	10	7							2	1											
Clay	2	1											1								
Coleman	14	9							2	1				1				1			
Collin	16	9		1					3	2				1							
Collingsworth	3	2							1												
Colorado	12	7							3	1				1							
Comal	19	8		3	1	1			2				1	2				1			
Comanche	8	6							2												
Concho	1	1																			
Cooke	17	8							3	1	3			1	1						
Coryell	7	4							2	1											
Cottle	4	3							1												
Crane	1	1																			
Crockett	1								1												
Crosby	3	2							1												
Dallam	6	5							1												
Dallas	716	164		13	102	18	41	14	145	46	3	3	8	28	32	18	11	41	5		24
Dawson	9	6							2	1											
Deaf Smith	6	5							1												
Delta	5	3							1	1											
Denton	18	11			1	1			3	1				1							
De Witt	30	19		1					3	2			2	2		1					
Dickens	3	2							1												
Dimmit	1	1																			
Donley	6	4							1					1							
Duval	6	1																5			
Eastland	24	13							6									4			1
Ector	16	7				1			2	1	1				2			2			
Edwards	1								1												
Ellis	29	13		1	1				5	4				5							
El Paso	132	45		1	9	4	7		19	12	2		2	12	2	7	1	6			3
Erath	11	8							2	1											
Falls	15	9							2	3								1			
Fannin	17	9		1			1		3	1					1			1			
Fayette	19	10					1		3	3				1				1			
Fisher	7	2								1	1			3							
Floyd	4	3							1												
Foard	2	1							1												
Fort Bend	15	5			2	1	1		3	2								1			
Franklin	2					1			1												
Freestone	6	4							1	1											
Frio	2	1																			1
Gaines	5	3							1	1											
Galveston	74	38			3	2	3		9	1	4			1	2	1	1	4		5	
Garza	4	2		1					1												
Gillespie	10	4				1			2					2				1			
Goliad	3	2							1												
Gonzales	9	6		1					1	1											
Gray	24	11							1	6	2							4			
Grayson	63	39		2	3	3	2	1	8	1				2	1			1			
Gregg	52	17				3	3		7	2	6			2				11			1

TABLE 10.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939—Continued

COUNTY	Total	INDUSTRY GROUP																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Grimes	6	3				1			1	1											
Guadalupe	12	7							2	1				1				1			
Hale	19	11					1		4	1								2			
Hall	6	4							1	1											
Hamilton	7	3							3	1											
Hansford	4	2							1									1			
Hardeman	8	3							2	2				1							
Hardin	10	2				6			1									1			
Harris	655	171		7	25	28	49	8	107	39	10	2	2	30	46	20	4	76	5	1	25
Harrison	33	12				10	2		2	3				3	1						
Haskell	3	1							1	1											
Hays	6	4							1	1											
Hemphill	4	2				1			1												
Henderson	12	5				2			1	1				3							
Hidalgo	62	42				1	2		7		3			3				3			1
Hill	13	6		2					2	2				1							
Hockley	5	3							1		1										
Hood	2	2																			
Hopkins	14	8					1		1	2				2							
Houston	17	4				9			2	2											
Howard	23	12				1			3	1	2							4			
Hudspeth	1													1							
Hunt	32	17			5	1			6	3											
Hutchinson	28	4				1			2	14	2				1			4			
Irion	1										1										
Jack	5	2									3										
Jackson	6	3							1	1								1			
Jasper	15	5				6	2		1	1											
Jefferson	130	50				8	11	2	16	4	6			4	8	4		12	1	3	1
Jim Hogg	3	2																1			
Jim Wells	10	4					1		2	1								2			
Johnson	21	9				1	3		2						1		1				4
Jones	16	7							4	2	3										
Karnes	9	5					1		2	1											
Kaufman	16	10							3	2											1
Kendall	2	2																			
Kent	1									1											
Kerr	6	4							2												
Kimble	3	2							1												
Kleberg	6	3			1				1				1								
Knox	5	3							1	1											
Lamar	35	22					4		6	2				1							
Lamb	9	4							3	1								1			
Lampasas	5	3							2												
La Salle	1	1																			
Lavaca	12	6							3	2					1						
Lee	3	2							1												
Leon	6					6															
Liberty	22	5				13			2									2			
Limestone	9	3		1			1		2	1				1							
Lipscomb	2	1																1			
Live Oak	2	1									1										
Llano	7	1							1					5							
Lubbock	66	36				1	5		8	3				1	2	3		6			1
Lynn	4	3							1												
McCulloch	10	6							2	2											
McLennan	112	50		5	9	4	5		18	5	1		1	4	3			5	1		1
Madison	3	2							1												
Marion	7	3				4															
Martin	1									1											
Mason	4	3							1												
Matagorda	17	7				2			3	1	1							3			
Maverick	4	3							1												
Medina	5	3							1					1							
Menard	2	1							1												
Midland	7	5							1									1			
Milam	12	6							3	2	1										
Mills	2	1							1												
Mitchell	6	3							1	1	1										
Montague	14	8							3				2								1
Montgomery	28	5				20			2					1							
Moore	10	1							1	6	1							1			
Morris	4					4															
Motley	1	1																			
Nacogdoches	32	10			1	11	1		3	3				2				1			
Navarro	26	13		1		1			3	1	1			2	1	1		2			
Newton	12					11				1											
Nolan	16	7							4	1	1			2							1
Nueces	88	33			1	6	6		11	7	8			3	1	1		8			3
Ochiltree	7	4							1									2			
Orange	16	7				1	2	1	1									2		2	
Palo Pinto	14	7							1	3				1				2			
Panola	6	2				3			1												
Parker	16	7			1				2	1				3	1						1
Pecos	6	4							1		1										

TABLE 10.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939—Continued

COUNTY	Total	INDUSTRY GROUP																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Polk	18	3				11			1		2							1			
Potter	70	29			2	3	4		13	5	1		1	1	6	1		1			3
Presidio	5	3							1	1											
Randall	3	2							1												
Red River	12	3				7			1	1											
Reeves	5	4							1												
Refugio	4	1							1		1							1			
Robertson	6	4							1	1											
Runnels	10	4							3	2	1										
Rusk	25	7				7			4	2	2			2				1			
Sabine	3	1				2															
San Augustine	3	1				1			1												
San Patricio	14	6					2		3	1	1							1			
San Saba	4	2							1									1			
Schleicher	1								1												
Scurry	5	3							1	1											
Shackelford	2	1							1												
Shelby	16	7				7			2												
Smith	61	27			2	8	2		9	2	3			3	3			1			1
Starr	3	1									1			1							
Stephens	12	3							2	3								4			
Sutton	1								1												
Swisher	6	5							1												
Tarrant	312	105		1	11	8	19	1	65	19	4	2	6	10	11	9	3	22	5	3	8
Taylor	49	29			2	2	2		8	1				1	1			2			1
Terrell	1	1																			
Terry	5	3							2												
Throckmorton	3	3																			
Titus	15	6				1			2	1	3			1				1			
Tom Green	34	19				1	2		5	1			1	1		1		2			1
Travis	96	39			1	4	6		23	2				12	3			3			3
Trinity	9	1				7	1														
Tyler	19	2				17															
Upshur	11	4				5			1	1											
Upton	6	3							1									2			
Uvalde	4	3							1												
Val Verde	8	5							2				1								
Van Zandt	6	2							2	2											
Victoria	16	10				1			2	1								2			
Walker	7	2				2			1	1				1							
Waller	3	1				1			1												
Ward	11	5							1	2	1							2			
Washington	14	8		1					2	1								1			1
Webb	20	9		1					4					3		1		2			
Wharton	20	13							5	2											
Wheeler	11	5							1	4	1										
Wichita	108	42			1	2	3		13	5	5			4	6	2		19	2		4
Wilbarger	18	10							3	1	1			2				1			
Willacy	8	6							2												
Williamson	30	15					1		5	3	1			3				2			
Wilson	6	2							1	1			1	1							
Winkler	9	3							4	1								1			
Wise	7	4							1					1	1						
Wood	21	5				9	1		3	3											
Yoakum	1																	1			
Young	24	9							3	1	3		1			2		5			
Zavala	3	2							1												

TABLE 11.—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS IN THE INDUSTRIES IN "OTHER INDUSTRIES" GROUPS FOR THE STATE AND THE CITIES OF DALLAS, FORT WORTH, HOUSTON, AND SAN ANTONIO, AND IN ALL INDUSTRIES FOR THE CITY OF EL PASO: 1939

[In order to avoid disclosing data for individual establishments, wage-earner figures for industries represented by fewer than three establishments are withheld]

Group No.[1]	INDUSTRY	Number of establishments	Wage earners
	STATE OF TEXAS		
1	Blended and prepared flour made from purchased flour	2	
	Cane-sugar refining	1	
	Canned fish, crustacea, and mollusks	2	
	Cereal preparations	1	
	Oleomargarine—not made in meat-packing establishments	2	
	Quick-frozen foods	1	
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	26	228
	Special dairy products	1	
2	Cigars	1	
	Tobacco (chewing and smoking) and snuff	1	
3	Cordage and twine	2	
	Hats, straw	2	
	Hosiery—full-fashioned	3	357
	Hosiery—seamless	1	
	Jute goods (except felt)	1	
	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	2	
4	Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors	3	135
	Children's coats—made in inside factories or by jobbers engaging contractors	1	
	Children's dresses—made in inside factories or by jobbers engaging contractors	3	162
	Corsets and allied garments	2	
	Fur coats and other fur garments, accessories, and trimmings	1	
	Handkerchiefs—made in inside factories or by jobbers engaging contractors	1	
	Men's and boys' hats and caps (except felt and straw)	2	
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	3	109
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	1	
	Miscellaneous fabricated textile products not elsewhere classified	1	
	Robes, lounging garments, and dressing gowns	2	
	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories	1	
	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	2	
	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors	1	
	Women's and misses' dresses (except house dresses)—made in contract factories	2	
	Women's, children's, and infants' underwear and nightwear of knitted fabrics	5	94
	Women's neckwear, scarfs, etc	1	
	Work shirts	1	
6	Cigar boxes: wooden, part wooden	1	
	Excelsior	2	
	Laboratory, hospital, and other professional furniture	1	
	Office furniture	1	
	Public-building furniture	2	
	Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets	1	
7	Coated and glazed paper	3	265
	Converted paper products not elsewhere classified	3	78
	Envelopes	5	69
	Paper and paperboard mills	2	
	Paper bags, except those made in paper mills	2	
	Pulp mills	1	
9	Ammunition	1	
	Bluing	1	
	Colors and pigments	1	
	Fireworks	2	
	Glue and gelatin	1	
	Grease and tallow (except lubricating greases)	4	27
	Gum naval stores (processing but not gathering or warehousing)	1	
	Lubricating oils and greases—not made in petroleum refineries	4	25
	Printing ink	3	8
	Salt	1	
	Vegetable and animal oils, not elsewhere classified	1	
12	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	2	
	Small leather goods	2	
13	Asbestos products (except steam packing and pipe and boiler covering)	2	
	Clay refractories, including refractory cement (clay)	2	
	Glass containers	1	
	Sewer pipe and kindred products	3	309
	Statuary and art goods (except stone and concrete)—factory production	2	
	Steam and other packing; pipe and boiler covering	1	
	Tableware, pressed or blown glass, and glassware not elsewhere classified	1	
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	3	63
	STATE OF TEXAS—Continued		
14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	1	
	Cast-iron pipe and fittings	2	
	Doors, window sash, frames, molding, and trim (made of metal)	2	
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semi-vitreous china sanitary ware)	1	
	Forgings, iron and steel—made in plants not operated in connection with rolling mills	1	
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	2	
	Malleable-iron castings	1	
	Oil burners, domestic and industrial	1	
	Screw-machine products and wood screws	1	
	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	2	
	Steel barrels, kegs, and drums	4	298
	Steel castings	3	254
	Steel works and rolling mills	1	
	Tools (except edge tools, machine tools, files, and saws)	3	20
	Wire drawn from purchased rods	1	
	Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills	1	
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	1	
	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	1	
	Engraving on metal (except for printing purposes)	1	
	Lighting fixtures	1	
	Nonferrous-metal products not elsewhere classified	2	
	Primary smelting and refining of nonferrous metals	4	1,165
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	2	
16	Automotive electrical equipment	1	
	Communication equipment	1	
	Electrical products not elsewhere classified	1	
	Radios, radio tubes, and phonographs	1	
17	Cars and trucks, industrial	1	
	Construction and similar machinery (except mining and oil-field machinery and tools)	3	59
	Elevators, escalators, and conveyors	2	
	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	2	
	Measuring and dispensing pumps	1	
	Mechanical power-transmission equipment	2	
	Mining machinery and equipment	1	
	Pumping equipment and air compressors	4	283
	Steam engines, turbines, and water wheels	1	
18	Automobile trailers (for attachment to passenger cars)	3	55
	Motor vehicles, motor-vehicle bodies, parts and accessories	24	1,327
20	Beauty-shop and barber-shop equipment	1	
	Brushes	1	
	Buttons	2	
	Carbon paper and inked ribbons	1	
	Costume jewelry and costume novelties (jewelry other than fine jewelry)	2	
	Feathers, plumes, and artificial flowers	1	
	Miscellaneous fabricated products not elsewhere classified	2	
	Ophthalmic goods: lenses and fittings	1	
	Optical instruments and lenses	1	
	Professional and scientific instruments (except surgical and dental)	2	
	CITY OF DALLAS		
1	Biscuit, crackers, and pretzels	2	
	Blended and prepared flour made from purchased flour	2	
	Candy and other confectionery products	10	196
	Canned and dried fruits and vegetables (including canned soups)	1	
	Cooking and other edible fats and oils, not elsewhere classified	2	
	Creamery butter	1	
	Flavoring extracts and flavoring sirups, not elsewhere classified	5	27
	Flour and other grain-mill products	2	
	Macaroni, spaghetti, vermicelli, and noodles	1	
	Malt liquors	1	
	Meat packing, wholesale	4	376
	Oleomargarine—not made in meat-packing establishments	1	
	Pickled fruits and vegetables and vegetable sauces and seasonings	4	87
	Poultry dressing and packing, wholesale	1	
	Prepared feeds (including mineral) for animals and fowls	3	18
	Salad dressings	2	
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	3	52
	Vinegar and cider	1	

[1] For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and industry groups, sec. 27.

TABLE 11.—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS IN THE INDUSTRIES IN "OTHER INDUSTRIES" GROUPS FOR THE STATE AND THE CITIES OF DALLAS, FORT WORTH, HOUSTON, AND SAN ANTONIO, AND IN ALL INDUSTRIES FOR THE CITY OF EL PASO: 1939—Continued

Group No.[1]	INDUSTRY	Number of establishments	Wage earners
	CITY OF DALLAS—Continued		
3	Batting, padding, and wadding; upholstery filling	1	
	Cotton broad woven goods	1	
	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	2	
	Hosiery—full-fashioned	1	
	Hosiery—seamless	1	
	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	2	
4	Canvas products (except bags)	2	
	Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors	1	
	Children's coats—made in inside factories or by jobbers engaging contractors	1	
	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	5	118
	Corsets and allied garments	1	
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	5	
	Fur coats and other fur garments, accessories, and trimmings	1	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	3	143
	Men's and boys' hats and caps (except felt and straw)	1	
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	1	
	Men's neckwear—made in inside factories or by jobbers engaging contractors	4	
	Millinery	21	
	Miscellaneous fabricated textile products not elsewhere classified	1	
	Robes, lounging garments, and dressing gowns	2	
	Textile bags—not made in textile mills	4	243
	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories	1	
	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	1	
	Trousers (semidress), wash suits, and washable service apparel	6	378
	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors	1	
	Women's and misses' dresses (except house dresses)—made in contract factories	2	
	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	12	
	Women's, children's, and infants' underwear and nightwear of knitted fabrics	1	
	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	3	58
6	Caskets, coffins, burial cases, and other morticians' goods	3	129
	Excelsior	1	
	Household furniture, except upholstered	3	171
	Laboratory, hospital, and other professional furniture	1	
	Mattresses and bedsprings	5	196
	Upholstered household furniture	3	180
	Window shades	4	13
	Wooden boxes except cigar boxes	1	
	Wood products not elsewhere classified	2	
7	Coated and glazed paper	1	
	Converted paper products not elsewhere classified	2	
	Envelopes	2	
	Paper and paperboard mills	1	
	Paperboard containers and boxes not elsewhere classified	6	82
8	Books: publishing and printing	1	
	Electrotyping and stereotyping, not done in printing establishments	2	
	Machine and hand typesetting (including advertisement typesetting)	4	51
	Newspapers: publishing without printing	2	
	Periodicals: publishing and printing	4	52
9	Bluing	1	
	Cleaning and polishing preparations, blackings, and dressings	2	
	Drugs and medicines (including drug grinding)	6	34
	Glue and gelatin	1	
	Grease and tallow (except lubricating greases)	1	
	Insecticides, fungicides, and related industrial and household chemical compounds	3	8
	Lubricating oils and greases—not made in petroleum refineries	1	
	Perfumes, cosmetics, and other toilet preparations	8	88
	Printing ink	2	
10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	1	
11	Rubber products not elsewhere classified	2	
	CITY OF DALLAS—Continued		
12	Industrial leather belting and packing leather	2	
	Saddlery, harness, and whips	2	
	Suitcases, brief cases, bags, trunks, and other luggage	3	
13	Asbestos products (except steam packing and pipe and boiler covering)	1	
	Pottery products not elsewhere classified	1	
	Statuary and art goods (except stone and concrete)—factory production	2	
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	1	
14	Doors, window sash, frames, molding, and trim (made of metal)	2	
	Gray-iron and semisteel castings	1	
	Heating and cooking apparatus, except electric, not elsewhere classified	1	
	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	1	
	Stamped and pressed metal products (except automobile stampings)	5	
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	2	
	Tin cans and other tinware not elsewhere classified	1	
	Tools (except edge tools, machine tools, files, and saws)	1	
	Wirework not elsewhere classified	1	
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	1	
	Engraving on metal (except for printing purposes)	1	
	Jewelry (precious metals)	2	
	Lighting fixtures	1	
	Nonferrous-metal foundries (except aluminum)	1	
16	Automotive electrical equipment	1	
	Communication equipment	1	
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	1	
	Radios, radio tubes, and phonographs	1	
17	Blowers; exhaust and ventilating fans	2	
	Commercial laundry, dry-cleaning, and pressing machinery	1	
	Food-products machinery	2	
	Industrial machinery, not elsewhere classified	2	
	Oil-field machinery and tools	3	76
	Printing-trades machinery and equipment	2	
	Pumping equipment and air compressors	1	
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	3	32
	Special-industry machinery, not elsewhere classified	5	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	4	1,058
20	Beauty-shop and barber-shop equipment	1	
	Brooms	2	
	Brushes	1	
	Buttons	1	
	Carbon paper and inked ribbons	1	
	Costume jewelry and costume novelties (jewelry other than fine jewelry)	1	
	Hand stamps, stencils, and brands	1	
	Miscellaneous fabricated products not elsewhere classified	1	
	Professional and scientific instruments (except surgical and dental)	1	
	Sporting and athletic goods not elsewhere classified	1	
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	4	10
	CITY OF EL PASO[2]		
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	13	180
	Candy and other confectionery products	1	
	Flour and other grain-mill products	1	
	Food preparations, not elsewhere classified	5	12
	Ice cream and ices	3	48
	Ice, manufactured	3	38
	Macaroni, spaghetti, vermicelli, and noodles	1	
	Malt liquors	1	
	Meat packing, wholesale	3	193
	Nonalcoholic beverages	5	33
	Salad dressings	2	
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	[illegible]	
3	Cotton broad woven goods	1	
4	Canvas products (except bags)	1	
	Trousers (semidress), wash suits, and washable service apparel	1	
	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	1	
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	6	408

[1] For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and industry groups, sec. 27.

[2] See footnote 9, table 2.

TABLE 11.—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS IN THE INDUSTRIES IN "OTHER INDUSTRIES" GROUPS FOR THE STATE AND THE CITIES OF DALLAS, FORT WORTH, HOUSTON, AND SAN ANTONIO, AND IN ALL INDUSTRIES FOR THE CITY OF EL PASO: 1939—Continued

Group No.[1]	INDUSTRY	Number of establishments	Wage earners
	CITY OF EL PASO[2]—Continued		
5	Planing mills not operated in conjunction with sawmills	4	50
6	Caskets, coffins, burial cases, and other morticians' goods	1	
	Household furniture, except upholstered	1	
	Mattresses and bedsprings	4	22
	Wood preserving	1	
8	Books: publishing without printing	1	
	Engraving (steel, copperplate, and wood); plate printing	1	
	General commercial (job) printing	9	52
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	1	
	Newspapers: publishing and printing	2	
	Periodicals: publishing and printing	3	26
	Photoengraving, not done in printing establishments (including preparation of plates)	1	
9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	4	20
	Cottonseed oil, cake, meal, and linters	1	
	Insecticides, fungicides, and related industrial and household chemical compounds	1	
	Paints, varnishes, and lacquers	3	5
12	Footwear (except rubber)	1	
	Saddlery, harness, and whips	1	
13	Brick and hollow structural tile	1	
	Concrete products	3	15
	Lime	2	
	Mineral wool	2	
	Mirrors and other glass products made of purchased glass	1	
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	1	
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	1	
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	2	
15	Sheet-metal work not specifically classified	5	29
16	Batteries, storage and primary (dry and wet)	1	
17	Machine-shop repairs	3	10
	Mining machinery and equipment	1	
20	Brooms	1	
	Optical instruments and lenses	1	
	Signs, advertising displays, and advertising novelties	1	
	CITY OF FORT WORTH		
1	Biscuit, crackers, and pretzels	2	
	Canned and dried fruits and vegetables (including canned soups)	1	
	Cheese	1	
	Creamery butter	6	37
	Flavoring extracts and flavoring sirups, not elsewhere classified	1	
	Flour and other grain-mill products	3	183
	Macaroni, spaghetti, vermicelli, and noodles	1	
	Malt liquors	1	
	Meat packing, wholesale	3	1,783
	Poultry dressing and packing, wholesale	5	134
	Prepared feeds (including mineral) for animals and fowls	5	123
	Preserves, jams, jellies, and fruit butters	1	
	Salad dressings	2	
	Vinegar and cider	1	
3	Cotton broad woven goods	1	
4	Belts (apparel), regardless of material	1	
	Canvas products (except bags)	1	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	2	
	Housefurnishings (except curtains, draperies, and bedspreads)	1	
	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	1	
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	4	782
5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	1	
6	Baskets for fruits and vegetables	1	
	CITY OF FORT WORTH—Continued		
6	Caskets, coffins, burial cases, and other morticians' goods	1	
	Cooperage	2	
	Household furniture, except upholstered	1	
	Partitions, shelving, cabinet work, and office and store fixtures	1	
	Venetian blinds	3	30
	Window and door screens and weather strip	1	
7	Paperboard containers and boxes not elsewhere classified	1	
8	Bookbinding and related industries	1	
	Electrotyping and stereotyping, not done in printing establishments	1	
	Engraving (steel, copperplate, and wood); plate printing	1	
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	6	96
	Machine and hand typesetting (including advertisement typesetting)	2	
	Newspapers: publishing and printing	6	210
	Periodicals: publishing and printing	3	42
9	Cottonseed oil, cake, meal, and linters	2	
	Fertilizers	1	
	Grease and tallow (except lubricating greases)	1	
	Insecticides, fungicides, and related industrial and household chemical compounds	1	
	Lubricating oils and greases—not made in petroleum refineries	3	
	Perfumes, cosmetics, and other toilet preparations	1	
	Soap and glycerin	1	
10	Petroleum refining	1	
11	Rubber products not elsewhere classified	1	
12	Footwear (except rubber)	2	
	Industrial leather belting and packing leather	2	
	Saddlery, harness, and whips	1	
	Small leather goods	1	
14	Cast-iron pipe and fittings	1	
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semi-vitreous china sanitary ware)	1	
	Gray-iron and semisteel castings	1	
	Power boilers and associated products	1	
	Steel works and rolling mills	1	
15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	1	
	Nonferrous-metal foundries (except aluminum)	3	31
17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	2	
18	Automobile trailers (for attachment to passenger cars)	1	
	Motor vehicles, motor-vehicle bodies, parts and accessories	3	123
19	Cars and car equipment—railroad, street, and rapid-transit	2	
20	Brooms	1	
	Hand stamps, stencils, and brands	1	
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	1	
	CITY OF HOUSTON		
1	Biscuit, crackers, and pretzels	1	
	Canned and dried fruits and vegetables (including canned soups)	1	
	Cereal preparations	1	
	Cheese	2	
	Condensed and evaporated milk	1	
	Creamery butter	4	30
	Flavoring extracts and flavoring sirups, not elsewhere classified	5	27
	Flour and other grain-mill products	4	203
	Food preparations, not elsewhere classified	2	
	Macaroni, spaghetti, vermicelli, and noodles	2	
	Malt liquors	1	
	Meat packing, wholesale	3	408
	Prepared feeds (including mineral) for animals and fowls	8	74
	Preserves, jams, jellies, and fruit butters	2	
	Rice cleaning and polishing	6	258
	Salad dressings	2	
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	6	87
	Vinegar and cider	1	

[1] For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and industry groups, sec. 27.

TABLE 11.—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS IN THE INDUSTRIES IN "OTHER INDUSTRIES" GROUPS FOR THE STATE AND THE CITIES OF DALLAS, FORT WORTH, HOUSTON, AND SAN ANTONIO, AND IN ALL INDUSTRIES FOR THE CITY OF EL PASO: 1939—Continued

Group No.[1]	INDUSTRY	Number of establishments	Wage earners
	CITY OF HOUSTON—Continued		
3	Cordage and twine	1	
	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	1	
	Jute goods, except felt	1	
	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	1	
	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	2	
4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	1	
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	1	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	1	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	1	
	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	1	
	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	1	
	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	1	
	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	1	
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	2	
6	Caskets, coffins, burial cases, and other morticians' goods	3	29
	Excelsior	1	
	Household furniture, except upholstered	6	293
	Office furniture	1	
	Venetian blinds	3	41
	Window and door screens and weather strip	1	
	Window shades	2	
	Wooden boxes except cigar boxes	2	
	Wood preserving	2	
7	Coated and glazed paper	1	
	Envelopes	1	
	Paper bags, except those made in paper mills	1	
8	Books: publishing and printing	1	
	Books: publishing without printing	2	
	Electrotyping and stereotyping, not done in printing establishments	1	
	Engraving (steel, copperplate, and wood); plate printing	1	
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	2	
	Newspapers: publishing without printing	1	
9	Bone black, carbon black, and lampblack	1	
	Chemicals not elsewhere classified	2	
	Cleaning and polishing preparations, blackings, and dressings	1	
	Drugs and medicines (including drug grinding)	1	
	Paints, varnishes, and lacquers	6	56
	Printing ink	1	
	Soap and glycerin	2	
10	Petroleum refining	3	148
11	Rubber products not elsewhere classified	2	
12	Industrial leather belting and packing leather	1	
	Saddlery, harness, and whips	1	
13	Asbestos products (except steam packing and pipe and boiler covering)	1	
	Cement	1	
	Minerals and earths, ground or otherwise treated	2	
	Mirrors and other glass products made of purchased glass	2	
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	1	
14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	1	
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	1	
	Heating and cooking apparatus, except electric, not elsewhere classified	2	
	Power boilers and associated products	5	292
	Screw-machine products and wood screws	1	
	Stamped and pressed metal products (except automobile stampings)	2	
	Steel barrels, kegs, and drums	2	
	Steel castings	2	
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	2	
	Tin cans and other tinware not elsewhere classified	3	414
	Tools (except edge tools, machine tools, files, and saws)	2	
	Wirework not elsewhere classified	2	
	CITY OF HOUSTON—Continued		
15	Electroplating, plating, and polishing	3	14
	Nonferrous-metal products not elsewhere classified	1	
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	1	
16	Batteries, storage and primary (dry and wet)	1	
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	3	
17	Blowers; exhaust and ventilating fans	5	23
	Elevators, escalators, and conveyors	1	
	Industrial machinery, not elsewhere classified	2	
	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	1	
	Mechanical power-transmission equipment	1	
	Printing-trades machinery and equipment	1	
	Steam engines, turbines, and water wheels	1	
20	Brooms	2	
	Professional and scientific instruments (except surgical and dental)	1	
	Sporting and athletic goods not elsewhere classified	3	
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	2	
	CITY OF SAN ANTONIO		
1	Biscuit, crackers, and pretzels	1	
	Cheese	1	
	Cooking and other edible fats and oils, not elsewhere classified	2	
	Creamery butter	2	
	Custom slaughtering, wholesale	1	
	Flavoring extracts and flavoring sirups, not elsewhere classified	2	
	Flour and other grain-mill products	3	106
	Macaroni, spaghetti, vermicelli, and noodles	2	
	Malt liquors	2	
	Pickled fruits and vegetables and vegetable sauces and seasonings	2	
	Preserves, jams, jellies, and fruit butters	1	
	Quick-frozen foods	1	
	Salad dressings	2	
2	Cigars	1	
	Tobacco (chewing and smoking) and snuff	1	
3	Hats, straw	1	
4	Belts (apparel), regardless of material	1	
	Canvas products (except bags)	2	
	Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors	1	
	Children's dresses—made in inside factories or by jobbers engaging contractors	2	
	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	1	
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	1	
	Men's and boys' hats and caps (except felt and straw)	1	
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	1	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	2	
	Men's neckwear—made in inside factories or by jobbers engaging contractors	1	
	Trousers (semidress), wash suits, and washable service apparel	3	
	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	1	
6	Cigar boxes: wooden, part wooden	1	
	Household furniture, except upholstered	1	
	Partitions, shelving, cabinet work, and office and store fixtures	1	
	Wooden boxes except cigar boxes	1	
7	Envelopes	2	
	Paperboard containers and boxes not elsewhere classified	3	58
8	Bookbinding and related industries	1	
	Books: printing without publishing	2	
	Engraving (steel, copperplate, and wood); plate printing	1	
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	1	
	Newspapers: publishing and printing	6	290
	Periodicals: publishing without printing	1	
	Photoengraving, not done in printing establishments (including preparation of plates)	2	

[1] For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and industry groups, sec. 27.

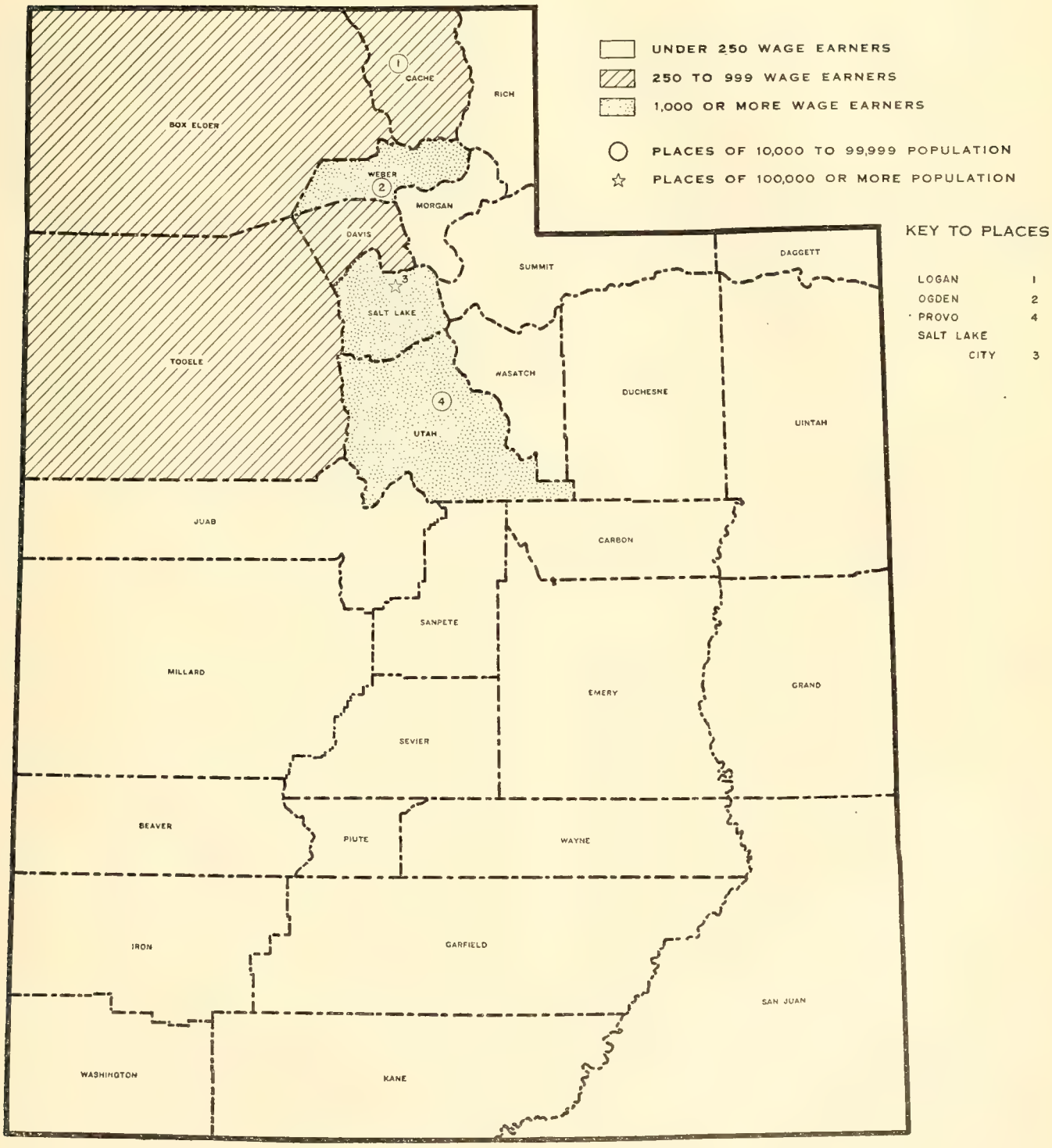
TABLE 11.—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS IN THE INDUSTRIES IN "OTHER INDUSTRIES" GROUPS FOR THE STATE AND THE CITIES OF DALLAS, FORT WORTH, HOUSTON, AND SAN ANTONIO, AND IN ALL INDUSTRIES FOR THE CITY OF EL PASO: 1939—Continued

Group No.[1]	INDUSTRY	Number of establishments	Wage earners
	CITY OF SAN ANTONIO—Continued		
9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	4	19
	Cottonseed oil, cake, meal, and linters	2	-------
	Insecticides, fungicides, and related industrial and household chemical compounds	1	-------
	Perfumes, cosmetics, and other toilet preparations	1	-------
	Soap and glycerin	1	-------
10	Petroleum refining	1	-------
12	Footwear (except rubber)	1	-------
13	Mirrors and other glass products made of purchased glass	1	-------
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	4	132
	Gray-iron and semisteel castings	1	-------
	Oil burners, domestic and industrial	1	-------
	Steel castings	1	-------
	CITY OF SAN ANTONIO—Continued		
15	Electroplating, plating, and polishing	2	-------
	Jewelry (precious metals)	1	-------
	Nonferrous-metal foundries (except aluminum)	1	-------
16	Batteries, storage and primary (dry and wet)	2	-------
17	Commercial laundry, dry-cleaning, and pressing machinery	2	-------
	Construction and similar machinery (except mining and oil-field machinery and tools)	1	-------
	Industrial machinery, not elsewhere classified	1	-------
	Machine-shop products, not elsewhere classified	2	-------
	Printing-trades machinery and equipment	1	-------
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	2	-------
20	Brooms	1	-------
	Feathers, plumes, and artificial flowers	1	-------
	Hand stamps, stencils, and brands	2	-------
	Miscellaneous fabricated products not elsewhere classified	1	-------
	Models and patterns (except paper patterns)	1	-------

[1] For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and industry groups, sec. 27.

UTAH

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939



Prepared by the Bureau of the Census, Department of Commerce

UTAH

Table 1.—SUMMARY FOR THE STATE: 1939, 1937, AND 1929

CENSUS YEAR	Number of establishments	Proprietors and firm members	Number of persons employed in manufacturing [1]	Salaries and wages [1]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2]	Value of products [2]	Value added by manufacture [3]
1939	560	341	13,841	$16,559,107	$123,452,364	$167,172,226	$43,719,862
1937	552	304	15,542	19,053,955	156,911,426	204,857,058	47,945,632
1929	631	322	16,178	22,051,383	155,013,265	207,641,259	52,627,994

[1] Figure for 1939 does not include data for employees of manufacturing establishments (except salaried officers of corporations) who were engaged in distribution, construction, and other nonmanufacturing work. For detail, see table 8. It is not known to what extent data for such nonmanufacturing employees were included in figures reported for earlier years. See General Explanations—Persons engaged—general classification.

[2] The aggregates for cost of materials, etc., and value of products include large amounts of duplication due to the use of the products of some industries as materials by others. See General Explanations—Duplication in cost of materials and value of products.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See General Explanations—Value added by manufacture.

Table 2.—SUMMARY FOR COUNTIES AND PLACES: 1939

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2] [3]	Value of products [2] [3]	Value added by manufacture [4]
The State	550,310	[5] 560	11,555	$11,967,762	$123,452,364	$167,172,226	$43,719,862
COUNTIES [5]							
Beaver [6]	5,014	2					
Box Elder	18,832	16	469	289,320	2,047,631	3,159,605	1,111,974
Cache	29,797	27	540	471,543	4,176,743	6,517,186	2,340,443
Carbon	18,459	14	75	82,380	196,088	425,175	229,087
Daggett [6]	564	1					
Davis	15,784	11	471	395,287	5,420,103	7,898,703	2,478,600
Duchesne	8,958	15	40	37,374	250,122	341,869	91,747
Emery [6]	7,072	3	3				
Garfield [6]	5,253	3	8				
Grand [6]	2,070	1					
Iron	8,331	7	20	16,455	113,309	203,647	90,338
Juab	7,392	6	53	47,649	119,559	274,192	154,633
Kane [6]	2,561	2					
Millard [6]	9,613	3	11				
Morgan [6]	2,611	3	92				
Piute [6]	2,203	2					
Rich [6]	2,028	3	4				
Salt Lake	211,623	261	5,453	6,282,745	79,490,881	103,165,133	23,674,252
San Juan [6]	4,712	3	7				
Sanpete	16,063	12	180	131,795	1,138,436	1,500,035	361,599
Sevier	12,112	9	73	69,178	279,292	525,619	246,327
Summit [6]	8,714	4	8				
Tooele [6]	9,133	4	583				
Uintah	9,898	7	37	22,414	204,288	275,343	71,055
Utah	57,382	58	1,256	1,288,469	6,158,658	9,926,625	3,767,967
Wasatch	5,754	7	49	43,373	75,836	159,823	83,987
Washington	9,269	3	6	7,433	15,932	40,890	24,958
Wayne [6]	2,394	1					
Weber	56,714	72	2,092	1,890,120	13,312,934	20,206,010	6,893,076
Undistributed [7]		35	742	892,227	10,452,552	12,552,371	2,099,819
PLACES HAVING 10,000 OR MORE INHABITANTS							
Logan	11,868	18	188	141,218	727,999	1,189,093	461,094
Ogden	43,688	59	1,544	1,366,885	9,981,141	14,734,287	4,753,146
Provo	18,071	23	172	149,763	521,250	1,087,806	566,556
Salt Lake City [8]	149,934	223	3,321				

[1] Not including salaried officers and employees or nonmanufacturing wage earners. The figure for each county or place is an average of the numbers reported for the several months of the year. In calculating it, equal weight must be given to full-time and to part-time wage earners (not reported separately by the manufacturers), and for this reason it exceeds the number that would have been required to perform the work done in the industries if all wage earners had been continuously employed throughout the year. The quotient obtained by dividing the amount of wages by the average number of wage earners cannot, therefore, be accepted as representing the average wage received by full-time wage earners. Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several counties do not add exactly to the average for the State. In making comparisons between the figures for 1939 and those for earlier years, the possibility that the proportion of part-time employment varied from year to year should be taken into account.

[2] Profits and losses cannot be calculated from the census figures because no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, and advertising.

[3] See General Explanations—Duplication in cost of materials and value of products.

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See General Explanations—Value added by manufacture.

[5] For numbers of establishments by "Industry groups," see table 9.

[6] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Undistributed" figures.

[7] The "Undistributed" figure for number of establishments and a part of the "Undistributed" figure for number of wage earners are included above in the items for the respective counties. The sums of the figures in these two columns are, therefore, larger than the corresponding State totals.

[8] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments, and for the same reason no table giving statistics by industries for Salt Lake City is included in this report.

TABLE 3.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, BY SEX: 1939 AND 1929

[The 1939 questionnaire, for the first time, called for data on the *total* number of employees in manufacturing establishments, including those engaged wholly or chiefly in distribution, construction, and other nonmanufacturing activities. It is not known to what extent data for such employees were included in the figures reported for earlier years. This table presents detailed figures for employees receiving pay at any time within the *normal* pay-roll period ended nearest Oct. 14, 1939, and for such employees on the pay roll on Dec. 14, 1929, or on the nearest *representative* date. The total for "Wage earners engaged in manufacturing" is not identical with the average for the year (given in other tables), and differs from the number reported for October 1939 or for December 1929, because for both years some manufacturers gave wage-earner figures for months other than those specified. See GENERAL EXPLANATIONS—Persons engaged—general classification]

CLASS AND SEX	1939 (Oct. 14) [1]	1929 (Dec. 14) [1]
All classes, aggregate [2]	21,452	16,199
Male	15,841	13,148
Female	5,611	3,051
Salaried officers and employees, total	4,101	2,715
Male	3,396	2,195
Female	705	520
Salaried officers of corporations, total	326	328
Male	305	312
Female	21	16
All other employees (except wage earners in manufacturing), total	3,775	2,387
Male	3,091	1,883
Female	684	504

CLASS AND SEX	1939 (Dec. 14) [1]	1929 (Dec. 14) [1]
Salaried officers and employees—Continued.		
All other employees, etc.—Continued.		
Engaged in manufacturing:		
Male	1,602	
Female	358	
Engaged in distribution:		
Male	1,136	
Female	178	(3)
Engaged in construction:		
Male	148	
Engaged in other work:		
Male	205	
Female	148	
Wage earners engaged in manufacturing, total	17,351	13,484
Male	12,445	10,953
Female	4,906	2,531

[1] See headnote.
[2] Figures do not include data for 341 proprietors and firm members for 1939 and 322 for 1929, which were not reported by sex for 1939.
[3] No data.

TABLE 4.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS: 1939, 1937, AND 1929

[The figures for 1939 relate to wage earners engaged in manufacturing only. It is not known to what extent the figures for earlier years include data for nonmanufacturing wage earners. See headnote to table 3]

CENSUS YEAR	Average number employed during year [1]	NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH—											
		January	February	March	April	May	June	July	August	September	October	November	December
1939	11,555	9,636	8,942	9,166	9,618	9,921	11,246	14,468	12,479	14,912	14,615	12,074	11,587
1937	13,094	10,121	10,526	10,812	11,217	11,609	12,562	16,933	14,883	16,323	16,240	13,898	11,999
1929	13,463	10,731	10,555	11,092	11,442	11,749	12,649	15,618	16,116	17,528	17,185	14,322	12,567

[1] See GENERAL EXPLANATIONS—Wage earners and wages.

TABLE 5.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY NUMBER OF WAGE EARNERS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS	VALUE ADDED BY MANUFACTURE [2]
	1939	1929	1939	1929	1939	1939
All establishments	560	631	11,555	13,463	$167,172,226	$43,719,862
No wage earners	34	32			604,533	347,878
1 to 5	272	333	696	887	7,916,205	3,034,176
6 to 20	128	132	1,365	1,448	13,534,179	5,324,443
21 to 50	67	66	2,191	2,196	19,793,283	8,118,355
51 to 100	35	37	2,581	2,520	23,983,885	8,909,098
101 to 250	20	26	[3] 4,722	6,412	101,340,141	17,985,912
251 to 500	2	3				
501 to 1,000	2	2				

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Combined to avoid disclosing data for individual establishments.

TABLE 6.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY VALUE OF PRODUCTS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
All establishments	560	631	11,555	13,463	$167,172,226	$207,641,259	$43,719,862	$52,627,994
$5,000 to $19,999	202	238	463	496	2,227,719	2,701,686	1,271,697	1,521,157
$20,000 to $49,999	121	141	697	795	4,031,906	4,596,089	1,939,520	2,480,758
$50,000 to $99,999	75	75	852	852	5,495,270	5,485,540	2,789,771	2,626,877
$100,000 to $249,999	82	84	2,377	2,074	12,859,764	13,044,051	5,510,652	5,461,014
$250,000 to $499,999	34	40	1,533	2,247	11,705,972	13,733,395	4,019,031	6,377,442
$500,000 to $999,999	22	29	1,508	2,069	15,191,487	20,320,160	6,297,520	8,854,431
$1,000,000 to $2,499,999	16	12	1,698	1,290	25,576,308	16,556,876	10,782,040	6,377,143
$2,500,000 to $4,999,999	4	7	462	965	12,192,229	22,664,328	2,071,604	5,807,220
$5,000,000 and over	4	5	1,965	2,675	77,891,571	108,539,134	9,038,027	13,121,952

[1] See headnotes to tables 3 and 4.

[2] See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 7.—ESTABLISHMENTS CLASSIFIED AS UNDER CORPORATE OR OTHER FORM OF OWNERSHIP (OR CONTROL) AND AS UNDER CENTRAL-ADMINISTRATIVE-OFFICE OR INDEPENDENT OPERATION: 1939 AND 1929

TYPE OF OWNERSHIP OR CONTROL, AND OF OPERATION	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
Total	560	631	11,555	13,463	$167,172,226	$207,641,259	$43,719,862	$52,627,994
TYPE OF OPERATION								
1939 [3]								
Corporate ownership or control:								
Central-administrative-office (plural-unit)	160	(3)	7,037	(3)	134,534,216	(3)	30,232,703	(3)
Independent (single-unit)	157	(3)	3,096	(3)	22,883,078	(3)	9,403,487	(3)
Noncorporate ownership:								
Central-administrative-office (plural-unit)	16	(3)	188	(3)	1,472,551	(3)	530,595	(3)
Independent (single-unit)	227	(3)	1,234	(3)	8,282,381	(3)	3,553,077	(3)
1939 AND 1929 [3]								
Central-administrative-office (plural-unit), corporate and non-corporate	176	133	7,225	7,026	136,006,767	156,843,773	30,763,298	30,164,592
Independent (single-unit), corporate and non-corporate	384	498	4,330	6,437	31,165,459	50,797,486	12,956,564	22,463,402
TYPE OF OWNERSHIP OR CONTROL								
Corporate	317	360	10,133	12,300	157,417,294	197,949,788	39,636,190	48,827,953
Noncorporate, total	243	271	1,422	1,163	9,754,932	9,691,471	4,083,672	3,800,041
Individual	151	(4)	769	(4)	5,169,351	(4)	2,185,557	(4)
Partnership	84	(4)	573	(4)	3,624,591	(4)	1,463,572	(4)
Cooperative	5	[5]	80		960,990		434,543	
Other	3							

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Because of changes in the questionnaire, no comparable figures for 1929 can be given for the first section of this table. For this reason, the items have been regrouped under "1939 and 1929" to present comparable figures so far as this can be done.
[4] No data.
[5] Figures for 1939 combined to avoid disclosing data for individual establishments; no data for 1929.

TABLE 8.—GENERAL STATISTICS FOR

This table presents separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establish
figures are given, however, reported larger numbers of wage earners

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS ENGAGED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
1		All industries, total	560	341	15,656	326	1,960	11,555	1,314	148	353
2	1	Beet sugar	7	..	971	11	101	796	..	..	63
3	8	Bookbinding and related industries	3	3	11	..	1	10	..	..	..
4	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	33	32	644	11	48	531	24	4	26
5	13	Brick and hollow structural tile	6	1	300	10	16	244	27	3	..
6	1	Candy and other confectionery products	9	5	373	16	31	248	78	..	..
7	1	Canned and dried fruits and vegetables (including canned soups)	29	..	1,968	19	93	1,668	40	5	143
8	6	Caskets, coffins, burial cases, and other morticians' goods	3		20	7	..	13	..	..	..
9	1	Cheese	18	1	43	..	2	40	..	..	1
10	9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	5	1	55	3	8	42	..	..	2
11	13	Concrete products	8	11	86	1	8	71	6	..	..
12	1	Condensed and evaporated milk	4	..	124	..	13	109	..	2	..
13	1	Creamery butter	26	11	234	9	42	142	40	1	..
14	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	4	..	127	8	21	89	9	..	..
15	1	Flour and other grain-mill products	34	22	398	7	64	266	46	..	15
16	1	Food preparations, not elsewhere classified	11	10	57	6	3	38	10	..	..
17	8	General commercial (job) printing	36	30	278	19	43	194	22	..	..
18	14	Gray-iron and semisteel castings	7	4	124	11	13	96	4	..	..
19	13	Gypsum products	4	..	99	6	9	69	3	7	5
20	4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	4	9	392	4	13	337	38	..	..
21	1	Ice cream and ices	17	3	302	20	40	108	132	2	..
22	1	Ice, manufactured	7	3	107	4	8	56	39	..	..
23	15	Jewelry (precious metals)	5	4	32	..	12	19	1	..	..
24	3	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	6	..	407	8	20	342	36	1	..
25	13	Lime	5	3	72	1	4	65	..	2	..
26	8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	3	1	54	1	5	41	7	..	..
27	8	Machine and hand typesetting (including advertisement typesetting)	3	4	5	..	..	5	..	..	..
28	17	Machine-shop products, not elsewhere classified	3	2	56	3	7	42	2	2	..
29	17	Machine-shop repairs	3	2	11	..	2	9	..	..	..
30	6	Mattresses and bedsprings	5	6	41	2	1	35	2	..	1
31	1	Meat packing, wholesale	14	17	500	8	54	244	161	30	3
32	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	4	5	11	..	2	8	1	..	..
33	8	Newspapers: publishing and printing	31	23	946	15	412	389	130	..	..
34	1	Nonalcoholic beverages	22	15	184	12	30	60	75	1	6
35	8	Periodicals: publishing without printing	10	2	48	2	39	..	7	..	..
36	10	Petroleum refining	3	..	279	3	32	200	44	..	..
37	8	Photoengraving, not done in printing establishments (including preparation of plates)	3	4	12	..	1	10	1	..	..
38	5	Planing mills not operated in conjunction with sawmills	14	10	124	4	8	100	12	..	..
39	1	Poultry dressing and packing, wholesale	7	8	203	..	7	183	13	..	..
40	1	Prepared feeds (including mineral) for animals and fowls	12	11	143	5	11	109	14	2	2
41	15	Primary smelting and refining of nonferrous metals	4	..	2,392	..	312	1,965	..	59	56
42	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	13	11	94	4	8	68	14	..	..
43	15	Sheet-metal work not specifically classified	6	3	75	4	6	51	14	..	..
44	20	Signs, advertising displays, and advertising novelties	6	9	76	1	14	39	17	5	
45	17	Stokers, mechanical, domestic and industrial	4	2	75	4	9	36	24	..	2
46	6	Upholstered household furniture	3	4	116	2	10	102	1	..	1
47	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	3	..	165	3	12	135	8	..	7
48		Other industries [6]	120	64	3,507	92	433	2,622	307	24	29
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]									
49	1	Food and kindred products	26	15	474	23	37	305	103	..	6
50	3	Textile-mill products and other fiber manufactures	2	7	365	8	24	308	16	2	7
	4	Apparel and other finished products made from fabrics and similar materials	10								
51	6	Furniture and finished lumber products	6	2	74	4	11	57	2	..	
52	8	Printing, publishing, and allied industries	12	6	173	8	37	97	31	..	
53	9	Chemicals and allied products	10	1	304	2	39	241	7	9	6
54	10	Products of petroleum and coal	6	..	505	5	66	380	48	6	
55	13	Stone, clay, and glass products	10	14	237	4	27	175	28	..	3
56	14	Iron and steel and their products, except machinery	7	2	779	10	103	645	16	5	..
57	15	Nonferrous metals and their products	5	3	35	3	8	15	8	..	1
58	16	Electrical machinery	1	8	331	14	58	214	37	2	6
	17	Machinery (except electrical)	12								
59	20	Miscellaneous industries	7	3	56	6	7	42	1	..	..
60	2	Tobacco manufactures	1	3	174	5	16	143	10	..	..
	7	Paper and allied products	2								
	12	Leather and leather products	2								
	18	Automobiles and automobile equipment	1								

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.

[2] Figures do not include data for personnel of central-administrative offices.

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ments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined or larger values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
19,122,011	1,156,733	3,434,612	11,967,762	1,968,994	265,549	328,361	123,452,364	119,063,018	3,038,852	1,140,373	210,121	167,172,226	43,719,862	1
1,103,188	40,091	174,005	722,588	----------	13,783	152,721	4,752,339	4,439,323	289,465	23,551	----------	8,328,539	3,576,200	2
14,146	----------	2,576	11,570	----------	----------	----------	24,748	18,706	101	376	5,565	56,112	31,364	3
912,235	41,951	101,214	722,540	24,117	6,009	16,404	1,838,661	1,766,996	30,461	41,204	----------	3,766,823	1,928,162	4
369,501	20,440	29,451	269,499	45,100	5,011	----------	251,986	137,431	87,009	23,115	4,431	696,138	444,152	5
408,156	54,681	45,742	203,010	103,713	1,010	----------	804,943	787,451	7,478	10,014	----------	1,502,706	697,763	6
1,007,341	39,160	99,364	840,672	13,050	5,000	10,095	3,970,712	3,863,536	62,351	44,825	----------	6,393,896	2,423,184	7
26,923	16,218	----------	10,705	----------	----------	----------	89,101	88,302	534	265	----------	149,344	60,243	8
46,718	----------	2,420	43,578	----------	----------	720	473,001	462,135	7,487	3,031	348	587,352	114,351	9
81,288	6,862	17,645	55,411	----------	----------	1,370	119,635	91,128	2,963	25,544	----------	362,814	243,179	10
89,668	1,916	12,153	61,749	13,850	----------	----------	98,175	84,732	1,910	3,683	7,850	299,699	201,524	11
129,156	----------	19,033	105,664	----------	4,459	----------	2,283,548	2,238,937	38,639	5,972	----------	2,994,504	710,956	12
262,930	24,798	50,629	126,484	53,970	7,049	----------	2,775,799	2,698,917	43,381	31,421	2,080	3,352,025	576,226	13
190,601	37,191	37,606	94,018	21,786	----------	----------	640,647	628,857	2,069	6,721	3,000	962,713	322,066	14
560,186	11,843	108,099	363,362	61,625	----------	15,257	4,749,844	4,616,414	11,630	121,800	----------	6,399,572	1,649,728	15
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	16
383,723	55,148	60,147	220,289	48,139	----------	----------	313,242	275,960	4,967	14,239	18,076	920,419	607,177	17
174,525	21,033	27,952	122,012	3,528	----------	----------	114,627	75,590	30,952	8,085	----------	447,850	333,223	18
107,228	15,800	13,920	60,401	8,500	5,409	3,198	71,549	59,738	11,235	576	----------	285,748	214,199	19
254,330	13,500	24,397	190,527	25,906	----------	----------	479,345	472,752	1,427	5,166	----------	869,642	390,297	20
412,784	63,501	62,082	109,205	172,999	2,415	2,582	1,067,345	1,011,533	14,235	41,577	----------	1,882,143	814,798	21
134,207	14,000	18,243	63,229	33,814	4,921	----------	73,797	12,186	19,233	42,378	----------	461,463	387,666	22
24,643	----------	8,016	15,981	646	----------	----------	31,469	29,839	279	1,351	----------	93,077	61,608	23
345,134	34,330	31,326	224,732	52,907	1,839	----------	411,086	399,983	3,519	7,584	----------	876,387	465,301	24
95,451	3,160	9,335	79,956	----------	3,000	----------	155,178	103,149	44,402	7,627	----------	304,131	148,953	25
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	26
6,058	----------	----------	6,058	----------	----------	----------	2,808	1,659	243	906	----------	25,265	22,457	27
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	28
12,861	----------	2,271	10,590	----------	----------	----------	9,170	8,359	58	753	----------	30,367	21,197	29
48,338	8,700	1,014	30,152	7,252	----------	1,220	113,472	111,413	359	1,700	----------	174,866	61,394	30
779,865	27,569	91,564	365,102	253,338	39,896	2,396	7,440,700	7,379,385	24,847	36,468	----------	8,379,921	939,221	31
15,740	----------	5,400	9,540	800	----------	----------	25,779	19,252	246	6,281	----------	47,214	21,435	32
1,532,122	62,444	643,725	544,453	279,654	1,846	----------	940,453	889,034	6,251	44,465	703	3,823,781	2,883,328	33
243,649	40,539	36,482	46,348	117,180	1,000	2,100	437,095	423,616	5,693	7,786	----------	1,020,886	583,791	34
59,516	4,425	47,631	----------	7,460	----------	----------	122,724	161	----------	----------	122,563	328,625	205,901	35
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	36
24,085	----------	5,187	16,538	2,360	----------	----------	7,296	6,265	70	961	----------	62,943	55,647	37
166,607	8,635	16,366	118,608	22,325	----------	673	213,806	206,255	570	6,981	----------	494,922	281,116	38
94,663	----------	9,497	72,178	12,988	----------	----------	1,208,637	1,200,520	2,282	5,835	----------	1,685,031	476,394	39
168,713	16,538	14,616	108,705	24,691	2,728	1,435	2,027,469	1,993,763	6,894	26,812	----------	2,676,087	648,618	40
3,345,502	----------	679,343	2,479,105	----------	101,959	85,095	66,328,546	65,175,526	977,128	175,892	----------	74,469,864	8,141,318	41
77,965	4,800	3,623	62,528	7,014	----------	----------	42,588	29,846	3,365	600	8,777	169,732	127,144	42
117,645	24,538	9,103	49,996	34,008	----------	----------	428,844	426,761	485	1,510	88	702,872	274,028	43
109,298	6,000	20,705	53,210	22,758	6,625	----------	76,639	69,527	1,824	3,226	2,062	339,466	262,827	44
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	45
149,333	13,200	19,607	114,373	1,202	----------	951	382,658	379,056	582	3,020	----------	636,085	253,427	46
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	47
5,035,989	423,722	873,123	3,163,096	492,314	51,590	32,144	18,052,903	16,379,025	1,292,228	347,072	34,578	30,111,202	12,058,299	48
623,534	105,697	61,610	304,899	144,535	----------	6,793	1,518,485	1,470,234	27,979	20,272	----------	2,924,283	1,405,798	49
313,870	41,412	36,963	202,806	22,758	1,399	8,532	467,013	451,063	6,583	9,367	----------	944,087	477,074	50
99,387	12,526	24,566	61,612	683	----------	----------	151,774	147,564	630	3,105	475	310,822	159,048	51
250,922	29,252	47,621	122,892	51,157	----------	----------	200,305	165,342	989	5,406	28,568	613,926	413,621	52
483,425	6,980	95,952	336,791	19,610	15,936	8,156	1,257,651	1,178,207	51,535	27,909	----------	3,054,776	1,797,125	53
849,215	24,428	177,367	558,636	84,104	4,680	----------	7,272,455	6,929,103	291,584	51,768	----------	10,468,930	3,196,475	54
351,268	16,845	59,086	224,239	47,269	2,350	1,479	509,718	216,182	149,041	139,465	5,030	1,492,195	982,477	55
1,249,975	66,150	233,000	880,369	45,827	24,629	----------	4,712,060	3,894,808	749,780	66,989	483	7,179,091	2,467,031	56
49,430	11,774	15,136	13,320	8,500	----------	700	30,723	28,764	916	1,043	----------	124,760	94,037	57
473,488	53,383	79,314	282,538	49,173	2,596	6,484	1,191,726	1,168,783	8,016	14,905	22	1,757,044	565,318	58
85,218	30,553	10,900	42,857	908	----------	----------	318,137	313,996	2,010	2,131	----------	428,257	110,120	59
206,257	24,722	31,608	132,137	17,790	----------	----------	422,856	414,979	3,165	4,712	----------	813,031	390,175	60

[3] Each of the averages in the "Wage earner" column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.
[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[6] For numbers of establishments and of wage earners in individual industries, see table 10.

TABLE 9.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939

COUNTY	Total	INDUSTRY GROUP																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
The State	560	265	1	8	14	27	17	2	98	15	6		2	37	18	20	1	15	1		13
Beaver	2	2																			
Box Elder	16	10		1			1		2					2							
Cache	27	13		3		1	1		5					2	1			1			
Carbon	14	8							2	1	1			2							
Daggett	1	1																			
Davis	11	9							1		1										
Duchesne	15	11				3			1												
Emery	3	2							1												
Garfield	3	2				1															
Grand	1								1												
Iron	7	4							1					2							
Juab	6	2							1					3							
Kane	2					2															
Millard	3	3																			
Morgan	3	2												1							
Piute	2	2																			
Rich	3	3																			
Salt Lake	261	84	1	3	9	8	11	2	64	12	2			15	12	18	1	10			9
San Juan	3	2				1															
Sanpete	12	12																			
Sevier	9	6							1					2							
Summit	4	2				1			1												
Tooele	4									1				1		1					1
Uintah	7	4				1			1				1								
Utah	58	34				3	2		8	1	1			4	3			1			1
Wasatch	7	2				3	1		1												
Washington	3	2							1												
Wayne	1	1																			
Weber	72	42		1	5	3	1		6		1		1	3	2	1		3	1		2

TABLE 10.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS FOR THE STATE AND ALL INDUSTRIES FOR SALT LAKE CITY—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS: 1939

[In order to avoid disclosing data for individual establishments, wage-earner figures for industries represented by fewer than three establishments are withheld]

Group No.[1]	TITLE	Number of establishments	Wage earners
	STATE OF UTAH		
1	Biscuit, crackers, and pretzels	2	
	Cereal preparations	1	
	Flavoring extracts and flavoring sirups, not elsewhere classified	2	
	Food preparations, not elsewhere classified	11	38
	Macaroni, spaghetti, vermicelli, and noodles	1	
	Malt	1	
	Malt liquors	2	
	Pickled fruits and vegetables and vegetable sauces and seasonings	1	
	Preserves, jams, jellies, and fruit butters	1	
	Quick-frozen foods	1	
	Salad dressings	1	
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	2	
2	Cigars	1	
3	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	2	
4	Canvas products (except bags)	2	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	1	
	Textile bags—not made in textile mills	1	
	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	2	
	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	1	
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	3	135
6	Excelsior	1	
	Household furniture, except upholstered	1	
	Mirror frames and picture frames	1	
	Public-building furniture	1	
	Venetian blinds	1	
	Wooden boxes except cigar boxes	1	
7	Paperboard containers and boxes not elsewhere classified	2	
	STATE OF UTAH—Continued		
8	Books: printing without publishing	2	
	Books: publishing and printing	1	
	Books: publishing without printing	2	
	Engraving (steel, copperplate, and wood); plate printing	1	
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	3	41
	Newspapers: publishing without printing	1	
	Periodicals: publishing and printing	2	
9	Chemicals not elsewhere classified	2	
	Coal-tar products, crude and intermediate	1	
	Drugs and medicines (including drug grinding)	2	
	Explosives	1	
	Paints, varnishes, and lacquers	1	
	Perfumes, cosmetics, and other toilet preparations	2	
	Salt	1	
10	Oven coke and coke-oven byproducts	1	
	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	1	
	Petroleum refining	3	200
	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	1	
12	Saddlery, harness, and whips	2	
13	Cement	2	
	Minerals and earths, ground or otherwise treated	1	
	Mineral wool	2	
	Mirrors and other glass products made of purchased glass	1	
	Nonclay refractories	2	
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	2	
14	Blast-furnace products	1	
	Cast-iron pipe and fittings	1	
	Power boilers and associated products	2	
	Steel castings	1	
	Tin cans and other tinware not elsewhere classified	2	

See footnotes at end of table.

TABLE 10.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS FOR THE STATE AND ALL INDUSTRIES FOR SALT LAKE CITY—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS: 1939—Continued

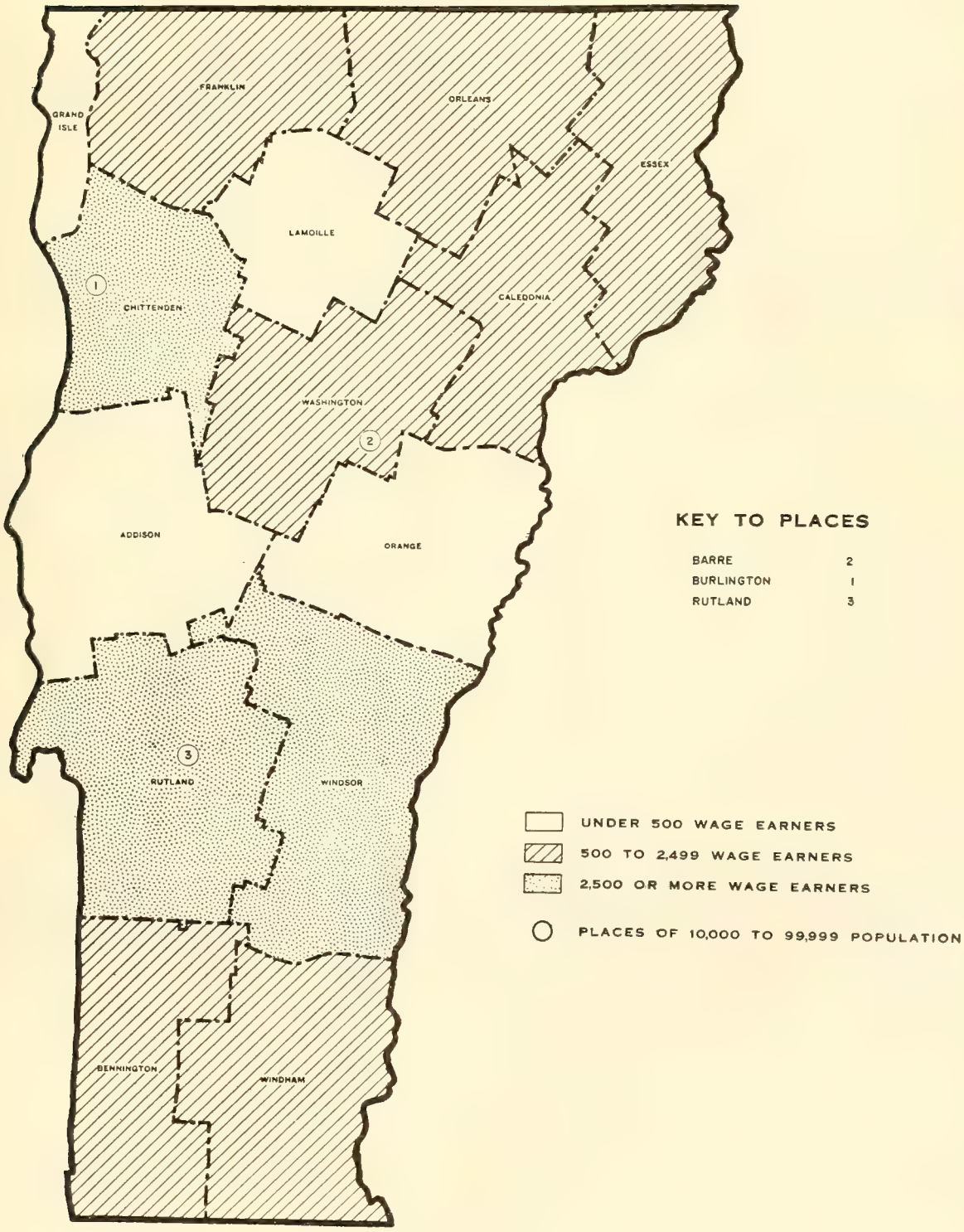
Group No.[1]	TITLE	Number of establishments	Wage earners
	STATE OF UTAH—Continued		
15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	1	
	Lighting fixtures	1	
	Nonferrous-metal foundries (except aluminum)	2	
	Nonferrous-metal products not elsewhere classified	1	
16	Electrical products not elsewhere classified	1	
17	Industrial machinery, not elsewhere classified	2	
	Machine-shop products, not elsewhere classified	3	42
	Mining machinery and equipment	2	
	Scales and balances	1	
	Stokers, mechanical, domestic and industrial	4	36
18	Motor vehicles, motor-vehicle bodies, parts and accessories	1	
20	Brooms	2	
	Hand stamps, stencils, and brands	1	
	Soda fountains, beer dispensing equipment, and related products	1	
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	2	
	Wool pulling	1	
	SALT LAKE CITY[2]		
1	Biscuit, crackers, and pretzels	2	
	Bread and other bakery products (except biscuit, crackers, and pretzels)	14	370
	Candy and other confectionery products	7	182
	Cereal preparations	1	
	Creamery butter	6	50
	Flavoring extracts and flavoring sirups, not elsewhere classified	2	
	Flour and other grain-mill products	1	
	Food preparations, not elsewhere classified	7	25
	Ice cream and ices	8	57
	Ice, manufactured	4	25
	Macaroni, spaghetti, vermicelli, and noodles	1	
	Malt liquors	1	
	Meat packing, wholesale	1	
	Nonalcoholic beverages	6	20
	Pickled fruits and vegetables and vegetable sauces and seasonings	1	
	Poultry dressing and packing, wholesale	2	
	Prepared feeds (including mineral) for animals and fowls	1	
	Preserves, jams, jellies, and fruit butters	1	
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	1	
	Special dairy products	1	
2	Cigars	1	
3	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	2	
4	Canvas products (except bags)	2	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	2	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	1	
	Textile bags—not made in textile mills	1	
	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	1	
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	2	
5	Planing mills not operated in conjunction with sawmills	4	58
	SALT LAKE CITY[2]—Continued		
6	Caskets, coffins, burial cases, and other morticians' goods	3	13
	Mattresses and bedsprings	2	
	Mirror frames and picture frames	1	
	Public-building furniture	1	
	Upholstered household furniture	3	102
	Venetian blinds	1	
7	Paperboard containers and boxes not elsewhere classified	2	
8	Bookbinding and related industries	2	
	Books: printing without publishing	2	
	Books: publishing and printing	1	
	Books: publishing without printing	2	
	Engraving (steel, copperplate, and wood); plate printing	1	
	General commercial (job) printing	28	168
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	2	
	Machine and hand typesetting (including advertisement typesetting)	3	5
	Newspapers: publishing and printing	3	242
	Newspapers: publishing without printing	1	
	Periodicals: publishing and printing	1	
	Periodicals: publishing without printing	10	
	Photoengraving, not done in printing establishments (including preparation of plates)	3	10
9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	3	21
	Drugs and medicines (including drug grinding)	2	
	Paints, varnishes, and lacquers	1	
	Perfumes, cosmetics, and other toilet preparations	2	
10	Petroleum refining	1	
	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	1	
13	Brick and hollow structural tile	1	
	Cement	1	
	Concrete products	4	42
	Mirrors and other glass products made of purchased glass	1	
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	1	
	Nonclay refractories	1	
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	1	
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	4	89
	Gray-iron and semisteel castings	5	88
	Power boilers and associated products	2	
	Steel castings	1	
15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	1	
	Jewelry (precious metals)	5	19
	Lighting fixtures	1	
	Nonferrous-metal foundries (except aluminum)	2	
	Nonferrous-metal products not elsewhere classified	1	
	Sheet-metal work not specifically classified	5	45
16	Electrical products not elsewhere classified	1	
17	Industrial machinery, not elsewhere classified	1	
	Machine-shop products, not elsewhere classified	2	
	Machine-shop repairs	2	
	Mining machinery and equipment	2	
	Scales and balances	1	
	Stokers, mechanical, domestic and industrial	2	
20	Brooms	1	
	Hand stamps, stencils, and brands	1	
	Signs, advertising displays, and advertising novelties	4	35
	Soda fountains, beer dispensing equipment, and related products	1	
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	2	

[1] For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and of industry groups, sec. 27.

[2] See footnote 8, table 2.

VERMONT

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939



Prepared by the Bureau of the Census, Department of Commerce

VERMONT

Table 1.—SUMMARY FOR THE STATE: 1939, 1937, AND 1929

Census year	Number of establishments	Proprietors and firm members	Number of persons employed in manufacturing[1]	Salaries and wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work[2]	Value of products[2]	Value added by manufacture[3]
1939	717	374	21,218	$27,275,108	$51,213,722	$103,174,301	$51,940,579
1937	683	449	26,353	30,652,446	58,771,687	111,876,751	53,104,364
1929	911	606	29,722	40,425,447	65,110,295	140,331,504	75,221,209

[1] Census for 1939 does not include data for employees of manufacturing establishments (except salaried officers of corporations) who were engaged in distribution, transportation, and other nonmanufacturing work. For detail, see table 8. It is not known to what extent data for such nonmanufacturing employees were included in data reported for earlier years. See GENERAL EXPLANATIONS—Persons engaged—general classification.

[2] The aggregates for cost of materials, etc., and value of products include large amounts of duplication due to the use of the products of some industries as materials by others. See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

Table 2.—SUMMARY FOR COUNTIES AND PLACES: 1939

	Population, 1940	Number of establishments	Wage earners (average for year)[1]	Wages[2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work[2][3]	Value of products[2][3]	Value added by manufacture[4]
The State	359,231	[5] 717	21,759	$21,232,355	$51,213,722	$103,174,301	$51,940,579
COUNTIES[6]							
Addison	17,944	21	464	388,905	589,812	1,386,829	797,017
Bennington	22,286	37	2,373	1,934,273	3,739,600	7,553,972	3,814,372
Caledonia	24,320	58	1,187	1,169,133	2,561,220	5,685,889	3,124,669
Chittenden	32,098	74	3,844	3,231,948	8,824,500	16,175,564	7,351,064
Essex	6,490	10	691	733,332	2,819,041	4,994,891	2,175,850
Franklin	29,601	39	822	799,471	8,381,645	10,794,090	2,412,445
Grand Isle	3,802	3	6	5,207	69,328	86,725	17,397
Lamoille	11,028	27	461	332,353	886,502	1,614,278	727,776
Orange	17,048	28	447	381,057	941,131	1,826,799	885,668
Orleans	21,718	26	768	541,964	983,807	2,529,411	1,545,604
Rutland	45,638	103	2,513	2,474,054	3,686,110	8,604,043	4,917,933
Washington	41,546	165	2,277	2,990,177	4,496,689	10,698,879	6,202,190
Windham	27,850	59	1,955	1,694,829	6,013,956	9,839,040	3,825,084
Windsor	37,862	67	3,949	4,555,632	7,220,381	21,363,891	14,143,510
PLACES HAVING 10,000 OR MORE INHABITANTS							
Barre	10,909	101	1,223	1,910,135	2,471,893	6,131,934	3,660,041
Burlington	27,686	50	1,720	1,386,769	4,893,671	9,232,666	4,338,995
Rutland	17,082	37	788	741,987	1,246,691	3,135,959	1,887,268

[1] Not including salaried officers and employees nor nonmanufacturing wage earners. The figure for each county or place is an average of the numbers reported for the several months of the year. In calculating it, equal weight must be given to full-time and to part-time wage earners (not reported separately by the manufacturers), and for this reason it exceeds the number that would have been required to perform the work done in the industries if all wage earners had been continuously employed throughout the year. The quotient obtained by dividing the amount of wages by the average number of wage earners cannot, therefore, be accepted as representing the average wage received by full-time wage earners. Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several counties do not add exactly to the average for the State. In making comparisons between the figures for 1939 and those for earlier years, the possibility that the proportion of part-time employment varied from year to year should be taken into account.

[2] Profits and losses cannot be calculated from the census figures because no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance and advertising.

[3] See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

[5] For numbers of establishments by "Industry groups," see table 9.

Table 3.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, BY SEX: 1939 AND 1929

[The 1939 questionnaire, for the first time, called for data on the *total* number of employees in manufacturing establishments, including those engaged wholly or chiefly in distribution, construction, and other nonmanufacturing activities. It is not known to what extent data for such employees were included in the figures reported for earlier years. This table presents detailed figures for employees receiving pay at any time within the *normal* pay-roll period ended nearest Oct. 14, 1939, and for such employees on the pay roll on Dec. 14, 1929, or on the nearest *representative* date. The total for "Wage earners engaged in manufacturing" is not identical with the average for the year (given in other tables), and differs from the number reported for October 1939 or for December 1929 because for both years some manufacturers gave wage-earner figures for months other than those specified. See General Explanations—Persons engaged—general classification]

Class and sex	1939 (Oct. 14)[1]	1929 (Dec. 14)[1]
All classes, aggregate [2]	26,762	29,542
Male	21,646	24,763
Female	5,116	4,779
Salaried officers and employees, total	3,807	3,019
Male	2,900	2,231
Female	907	788
Salaried officers of corporations, total	372	494
Male	354	460
Female	18	34
All other employees (except wage earners in manufacturing), total	3,435	2,525
Male	2,546	1,771
Female	889	754
Salaried officers and employees—Continued.		
All other employees, etc.—Continued.		
Engaged in manufacturing:		
Male	1,720	(3)
Female	667	
Engaged in distribution:		
Male	618	
Female	215	
Engaged in construction:		
Male	161	
Engaged in other work:		
Male	47	
Female	7	
Wage earners engaged in manufacturing, total	22,955	26,523
Male	18,746	22,532
Female	4,209	3,991

[1] See headnote.
[2] Figures do not include data for 554 proprietors and firm members for 1939 and 646 for 1929, which were not reported by sex for 1939.
[3] No data.

Table 4.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS: 1939, 1937, AND 1929

[The figures for 1939 relate to wage earners engaged in manufacturing only. It is not known to what extent the figures for earlier years include data for nonmanufacturing wage earners. See headnote to table 3]

Census year	Average number employed during year [1]	Number receiving pay during normal pay-roll period ended nearest 15th of month—											
		January	February	March	April	May	June	July	August	September	October	November	December
1939	21,759	20,369	21,044	21,299	21,236	21,892	21,848	21,651	21,478	21,566	22,325	23,128	23,271
1937	23,682	23,453	23,934	24,606	24,886	24,913	24,918	24,446	24,001	23,625	23,323	21,679	20,401
1929	26,503	26,428	27,079	27,010	26,607	26,710	26,947	26,191	26,376	26,811	26,600	26,066	25,216

[1] See General Explanations—Wage earners and wages.

TABLE 5.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY NUMBER OF WAGE EARNERS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR)[1]		VALUE OF PRODUCTS	VALUE ADDED BY MANUFACTURE[2]
	1939	1929	1939	1929	1939	1939
All establishments	717	911	21,759	26,503	$103,154,301	$51,940,579
No wage earners	12	11	..		159,518	87,215
1 to 5	278	395	772	1,298	4,887,414	2,260,345
6 to 20	224	260	2,530	3,099	12,257,172	6,422,553
21 to 50	109	136	3,429	4,242	19,025,392	9,126,236
51 to 100	49	50	3,534	3,746	12,718,292	7,062,623
101 to 250	31	46	4,724	6,427	25,469,060	10,226,640
251 to 500	10	6	3,388	2,265	15,084,273	8,350,415
501 or more	4	7	3,382	5,426	13,553,180	8,404,552

[1] See headnotes to tables 3 and 4.

[2] See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 6.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY VALUE OF PRODUCTS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR)[1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE[2]	
	1939	1929	1939	1929	1939	1929	1939	1929
All establishments	717	911	21,759	26,503	$103,154,301	$140,331,504	$51,940,579	$75,221,209
$5,000 to $19,999	267	311	961	1,137	2,868,032	3,524,522	1,679,924	2,241,289
$20,000 to $49,999	165	224	1,499	1,803	5,284,870	7,457,546	2,899,700	4,271,881
$50,000 to $99,999	101	129	1,888	2,320	6,869,430	9,119,270	3,969,619	5,707,254
$100,000 to $249,999	104	134	4,314	4,650	17,039,303	20,855,617	9,309,896	12,141,593
$250,000 to $499,999	44	57	3,840	4,158	15,732,548	19,897,621	8,162,330	10,919,741
$500,000 to $999,999	21	33	3,690	3,578	15,403,244	21,625,168	7,129,256	11,381,174
$1,000,000 to $2,499,999	9	14	1,855	3,455	14,207,508	22,229,828	6,532,280	9,685,427
$2,500,000 to $4,999,999	4	8	[3] 3,712	5,402	25,749,366	35,621,932	12,257,574	18,872,85[illegible]
$5,000,000 and over	2	1						

[1] See headnotes to tables 3 and 4.

[2] See GENERAL EXPLANATIONS—Value added by manufacture.

[3] Combined to avoid disclosing data for individual establishments.

TABLE 7.—ESTABLISHMENTS CLASSIFIED AS UNDER CORPORATE OR OTHER FORM OF OWNERSHIP (OR CONTROL) AND AS UNDER CENTRAL-ADMINISTRATIVE-OFFICE OR INDEPENDENT OPERATION: 1939 AND 1929

TYPE OF OWNERSHIP OR CONTROL, AND OF OPERATION	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
Total	717	911	21,759	26,503	$103,154,301	$140,331,504	$51,940,579	$75,221,209
TYPE OF OPERATION								
1939 [3]								
Corporate ownership or control:								
Central-administrative-office (plural-unit)	130	(3)	9,373	(3)	49,029,890	(3)	20,718,721	(3)
Independent (single-unit)	218	(3)	8,958	(3)	41,019,748	(3)	24,146,643	(3)
Noncorporate ownership:								
Central-administrative-office (plural-unit)	51	(3)	685	(3)	3,598,214	(3)	1,435,065	(3)
Independent (single-unit)	318	(3)	2,743	(3)	9,506,449	(3)	5,640,150	(3)
1939 AND 1929 [3]								
Central-administrative-office (plural-unit), corporate and noncorporate	181	145	10,058	9,999	52,628,104	55,103,561	22,153,786	27,978,209
Independent (single-unit), corporate and noncorporate	536	766	11,701	16,504	50,526,197	85,227,943	29,786,793	47,243,000
TYPE OF OWNERSHIP OR CONTROL								
Corporate	348	411	18,331	21,516	90,049,638	118,520,085	44,865,364	63,056,164
Noncorporate, total	369	500	3,428	4,987	13,104,663	21,811,419	7,075,215	12,165,045
Individual	224	(4)	1,942	(4)	5,722,396	(4)	3,375,041	(4)
Partnership	137	(4)	1,458	(4)	6,956,861	(4)	3,611,304	(4)
Cooperative	7	(5)	28		425,406		88,870	
Other	1							

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Because of changes in the questionnaire, no comparable figures for 1929 can be given for the first section of this table. For this reason, the items have been regrouped under "1939 and 1929" to present comparable figures so far as this can be done.
[4] No data.
[5] Figures for 1939 combined to avoid disclosing data for individual establishments; no data for 1929.

TABLE 8.—GENERAL STATISTICS FOR

This table presents separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establish
figures are given, however, reported larger numbers of wage earners

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
1		All industries, total	717	554	25,566	372	2,387	21,759	833	161	54
2	12	Boxes and shoe cut stock and findings	5	3	289	5	10	269	4	1	.....
3	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	49	48	501	7	44	405	38	.....	7
4	20	Brushes	3	1	167	3	13	141	10	.....	.....
5	1	Candy and other confectionery products	7	5	67	2	8	45	12	.....	.....
6	1	Canned and dried fruits and vegetables (including canned soups)	5	2	67	4	6	57	.....	.....	.....
7	1	Cheese	10	2	85	5	10	67	1	2	.....
8	13	Concrete products	8	7	33	4	3	26	.....	.....	.....
9	1	Condensed and evaporated milk	12	2	120		16	96	2	4	2
10	1	Creamery butter	15	6	49	2	10	35	1	.....	1
11	4	Drugs and medicines (including drug grinding)	6	2	42	6	5	24	7	.....	.....
12	1	Food preparations, not elsewhere classified	7	2	133	6	22	81	24	.....	.....
13	8	General commercial job printing	20	13	154	11	16	126	1	.....	.....
14	14	Gray iron and semisteel castings	6		409	6	26	373	2	2	.....
15	6	Household furniture, except upholstered	12	2	1,022	14	76	860	56	9	7
16	1	Ice cream and ices	6	1	75		13	45	13	1	3
17	1	Ice, manufactured	4	1	14		1	9	4	.....	.....
18	9	Insecticides, fungicides, and related industrial and household chemical compounds	3	7	63	2	8	50	3	.....	.....
19	3	Knitted underwear	3		904	10	66	774	54	.....	.....
20	13	Lime	7	3	186	4	14	160	8	.....	.....
21	7	Logging camps and logging contractors (not operating sawmills)	3	4	46		.....	46	.....	.....	.....
22	17	Machine-shop products not elsewhere classified	3	2	16	1	3	12	.....	.....	.....
23	17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	3	.....	190	4	17	145	22	.....	2
24	17	Machine tools	4	.....	2,323	16	400	1,720	101	81	5
25	1	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	148	182	3,203	41	303	2,763	80	15	1
26	8	Newspapers: publishing and printing	27	19	500	20	145	287	48	.....	.....
27	1	Nonalcoholic beverages	12	8	65	10	7	29	19	.....	.....
28	7	Paper and paperboard mills	8	1	823	10	48	715	18	2	.....
29	7	Planing mills not operated in conjunction with sawmills	11	11	188	5	12	152	6	.....	13
30	7	Plywood mills	4	1	175	3	9	158	3	2	.....
31	1	Poultry dressing and packing, wholesale	3	4	9	.....	.....	9	.....	.....	.....
32	1	Prepared feeds (including minerals for animals and fowls	19	19	313	5	26	250	32	.....	.....
33	7	Pulp mills	3	.....	73	.....	5	68	.....	.....	.....
34	7	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	101	99	1,780	24	79	1,668	7	2	.....
35	15	Sheet-metal work not specifically classified	5	3	58	4	10	38	6	.....	.....
36	17	Special industry machinery, not elsewhere classified	4	2	137	5	22	101	9	.....	.....
37	20	Sporting and athletic goods not elsewhere classified	4	2	154	1	12	140	.....	1	.....
38	14	Tools (except edge tools, machine tools, files, and saws)	6	2	284	6	32	239	7	.....	.....
39	6	Wood products not elsewhere classified	53	57	1,412	18	117	1,241	22	12	2
40		Woolen and worsted manufactures—regular factories or jobbers engaging contractors	12	.....	2,944	16	145	2,761	19	.....	3
41	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	3	2	121	3	7	98	13	.....	.....
42		Other industries [5]	131	61	6,967	105	668	5,919	240	27	8
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]									
43	3	Textile-mill products and other fiber manufactures	7	3	1,197	3	51	1,089	6	18	.....
44	4	Apparel and other finished products made from fabrics and similar materials	10	4	720	8	34	648	28	2	.....
45	6	Furniture and finished lumber products	12	6	605	13	35	541	13	.....	.....
46	7	Paper and allied products	8	1	607	7	61	521	16	2	.....
47	8	Printing, publishing, and allied industries	9	4	314	9	55	228	22	.....	.....
48	9	Chemicals and allied products	13	10	146	9	23	94	20	.....	.....
49	14	Iron and steel and their products, except machinery	4	.....	75	6	15	53	1	.....	.....
50	17	Machinery (except electrical)	12	4	1,065	10	142	897	9	4	3
	1	Food and kindred products	31	21	441	15	41	320	62	.....	3
	5	Lumber and timber basic products	3	4	46	.....	.....	46	.....	.....	.....
	12	Leather and leather products	3	1	370	5	27	336	.....	.....	2
	13	Stone, clay, and glass products	7	1	259	8	25	226	.....	.....	.....
	20	Miscellaneous industries	6	1	472	8	31	413	17	.....	.....
	20	Products of petroleum and coal	1								
	11	Rubber products	1								
	15	Nonferrous metals and their products	2	1	680	1	125	504	46	1	.....
	16	Electrical machinery	1								
	18	Automobiles and automobile equipment	1								

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

See footnote to total, 5, and GENERAL EXPLANATIONS—Persons engaged—general classification.

Figures do not include data for personnel of central-administrative offices.

Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

THE STATE, BY INDUSTRIES: 1939

ments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined or larger values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
29, 199, 244	1, 842, 867	4, 197, 946	21, 232, 355	1, 618, 805	242, 125	65, 146	51, 213, 722	47, 713, 937	1, 483, 073	1, 467, 086	549, 626	103, 154, 301	51, 940, 579	1
196, 318	10, 169	9, 947	169, 785	3, 642	2, 775	----------	255, 714	235, 412	120	20, 182	----------	506, 437	250, 723	2
532, 228	25, 484	71, 452	406, 114	23, 853	----------	5, 325	1, 114, 105	1, 038, 868	49, 407	25, 830	----------	2, 188, 513	1, 074, 408	3
151, 356	12, 960	17, 955	107, 138	13, 303	----------	----------	361, 268	352, 568	2, 532	3, 299	2, 869	626, 397	265, 129	4
59, 930	6, 000	9, 919	37, 273	6, 738	----------	----------	173, 310	168, 825	2, 558	1, 927	----------	374, 625	201, 315	5
41, 273	5, 500	4, 042	31, 731	----------	----------	----------	158, 854	154, 468	2, 513	1, 134	739	253, 280	94, 426	6
104, 809	15, 800	14, 684	71, 728	1, 489	1, 108	----------	739, 886	728, 234	6, 195	5, 457	----------	990, 021	250, 135	7
22, 740	3, 230	2, 680	16, 830	----------	----------	----------	43, 422	42, 144	547	731	----------	100, 185	56, 763	8
119, 774	----------	18, 380	90, 736	3, 939	5, 194	1, 525	912, 770	777, 473	109, 730	25, 567	----------	1, 266, 860	354, 090	9
54, 815	5, 120	11, 806	35, 863	1, 820	----------	206	622, 463	600, 608	9, 392	6, 888	5, 575	723, 851	101, 388	10
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	11
196, 009	29, 100	41, 054	78, 375	47, 480	----------	----------	1, 580, 423	1, 566, 469	11, 188	2, 766	----------	2, 544, 861	964, 438	12
184, 176	27, 744	21, 539	133, 825	1, 068	----------	----------	113, 505	97, 944	3, 815	7, 967	3, 779	377, 913	264, 408	13
675, 985	24, 940	89, 154	556, 915	3, 146	1, 830	----------	340, 315	290, 231	34, 901	15, 183	----------	1, 230, 290	889, 975	14
1, 013, 958	114, 259	117, 398	713, 932	46, 119	13, 013	9, 237	897, 428	846, 517	26, 694	24, 217	----------	2, 288, 745	1, 391, 317	15
114, 303	----------	38, 262	51, 344	18, 529	1, 147	5, 021	280, 239	259, 234	9, 243	11, 762	----------	513, 635	233, 396	16
(5)	----------	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	17
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	18
868, 967	87, 500	108, 414	592, 686	80, 367	----------	----------	1, 272, 522	1, 228, 920	31, 763	11, 839	----------	2, 216, 119	943, 597	19
187, 301	6, 967	18, 611	154, 765	6, 540	418	----------	260, 484	95, 627	135, 087	28, 294	1, 476	609, 766	349, 282	20
(5)	----------	----------	(5)	----------	----------	----------	(5)	(5)	----------	----------	(5)	(5)	(5)	21
15, 904	260	3, 365	12, 279	----------	----------	----------	10, 774	9, 229	717	588	240	46, 289	35, 515	22
240, 561	30, 350	22, 910	151, 458	32, 228	----------	3, 615	130, 316	112, 644	6, 482	11, 190	----------	609, 490	479, 174	23
4, 089, 661	276, 375	908, 095	2, 317, 722	431, 518	143, 072	12, 879	2, 984, 938	2, 828, 821	35, 387	78, 727	42, 003	11, 617, 917	8, 632, 979	24
4, 444, 872	97, 369	451, 504	3, 740, 763	126, 610	27, 846	780	4, 138, 525	3, 499, 201	77, 762	301, 450	260, 112	11, 054, 897	6, 916, 372	25
677, 302	73, 591	195, 106	331, 617	76, 988	----------	----------	219, 100	185, 886	9, 992	18, 000	5, 222	1, 379, 705	1, 160, 605	26
68, 323	16, 595	6, 036	20, 453	25, 239	----------	----------	133, 248	126 360	3, 208	3, 680	----------	311, 721	178, 473	27
1, 101, 881	58, 339	107, 566	888, 826	43, 480	3, 670	----------	4, 470, 669	3, 919, 092	355, 886	194, 162	1, 529	7, 282, 053	2, 811, 384	28
174, 261	14, 240	21, 013	114, 825	9, 695	----------	14, 488	293, 188	279, 488	4, 254	9, 446	----------	595, 684	302, 496	29
149, 847	15, 656	16, 277	109, 343	5, 950	2, 621	----------	155, 005	148, 711	2, 273	4, 021	----------	350, 662	195, 657	30
4, 549	----------	----------	4, 549	----------	----------	----------	38, 417	37, 750	417	250	----------	49, 925	11, 508	31
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	32
76, 088	----------	7, 300	68, 788	----------	----------	----------	189, 976	181, 981	2, 404	5, 591	----------	307, 802	117, 826	33
1, 459, 463	66, 663	102, 256	1, 278, 765	9, 937	1, 842	----------	1, 689, 314	1, 587, 069	15, 995	61, 821	24, 429	4, 363, 211	2, 673, 897	34
72, 118	10, 456	15, 410	37, 546	8, 706	----------	----------	140, 906	138, 360	1, 523	1, 023	----------	277, 800	136, 894	35
171, 778	13, 123	30, 819	107, 311	20, 525	----------	----------	136, 137	125, 812	7, 707	2, 618	----------	390, 659	254, 522	36
141, 197	6, 500	18, 062	112, 462	----------	4, 173	----------	147, 496	138, 636	1, 125	7, 735	----------	330, 595	183, 099	37
339, 316	32, 724	52, 365	242, 770	11, 457	----------	----------	408, 034	383, 100	7, 654	17, 280	----------	1, 006, 915	598, 881	38
1, 258, 067	74, 856	186, 041	944, 784	46, 102	5, 657	627	1, 563, 530	1, 459, 698	10, 230	63, 898	29, 704	3, 731, 102	2, 167, 572	39
2, 745, 589	93, 679	287, 449	2, 327, 121	34, 127	----------	3, 213	4, 940, 946	4, 624, 418	237, 281	75, 003	4, 244	8, 786, 197	3, 845, 251	40
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	41
7, 444, 525	587, 318	1, 171, 075	5, 171, 933	478, 210	27, 759	8, 230	20, 296, 495	19, 444, 139	267, 091	417, 560	167, 705	33, 850, 179	13, 553, 684	42
881, 605	17, 726	96, 283	736, 181	15, 737	15, 678	----------	1, 167, 098	999, 208	53, 773	114, 117	----------	2, 320, 728	1, 153, 630	43
520, 243	29, 778	44, 261	405, 440	37, 782	2, 982	----------	839, 986	815, 410	5, 960	6, 800	11, 816	1, 645, 392	805, 406	44
585, 473	46, 549	65, 335	442, 395	31, 194	----------	----------	778, 786	752, 430	13, 348	13, 008	----------	1, 573, 458	794, 672	45
738, 610	63, 154	108, 746	511, 358	52, 874	2, 478	----------	2, 214, 314	2, 182, 398	13, 912	18, 004	----------	3, 355, 241	1, 140, 927	46
466, 176	43, 846	117, 765	276, 098	28, 467	----------	----------	360, 599	278, 299	3, 850	8, 573	69, 877	1, 023, 001	662, 402	47
169, 090	40, 510	32, 632	73, 679	22, 269	----------	----------	564, 571	543, 875	13, 642	7, 054	----------	1, 110, 349	545, 778	48
100, 670	24, 540	21, 698	53, 188	1, 244	----------	----------	159, 067	155, 096	2, 187	1, 784	----------	308, 210	149, 143	49
1, 251, 925	51, 781	239, 095	927, 827	25, 580	5, 716	1, 926	866, 502	773, 996	55, 625	36, 881	----------	2, 740, 468	1, 873, 966	50
2, 730, 733	269, 434	445, 260	1, 745, 767	263, 063	905	6, 304	13, 345, 572	12, 943, 427	104, 794	211, 339	86, 012	19, 773, 332	6, 427, 760	51

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[6] For numbers of establishments and of wage earners in individual industries, see table 10.

TABLE 9.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939

COUNTY	Total	INDUSTRY GROUP																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
The State	717	157		22	10	119	77	19	56	13	1	1	8	170	16	7	1	26	1		13
Addison	21	3				6	6		2					3			1				
Bennington	37	5		5	1	3	7	3	5	1			1	1	2						3
Caledonia	58	16				13	4	2	4	2				11		2		3			1
Chittenden	74	33		2	1	4	9	1	8	4			1	4	2	1		2	1		1
Essex	10	2				2	2	4													
Franklin	39	18				4	1	2	4	1				2	2	2		2			1
Grand Isle	3	3																			
Lamoille	27	5		1	1	8	8		1					1				1			1
Orange	28	6				10	7	1	1	1				1				1			
Orleans	26	4			1	10	5		2	1			2					1			
Rutland	103	25			5	11	1	1	5	2	1			41	3	1		5			2
Washington	165	21		2		17	7		12					99	4			3			
Windham	59	9		1	1	12	12	5	6	1			4	2	1			2			3
Windsor	67	7		11		19	8		6			1		5	2	1		6			1

TABLE 10.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE: 1939

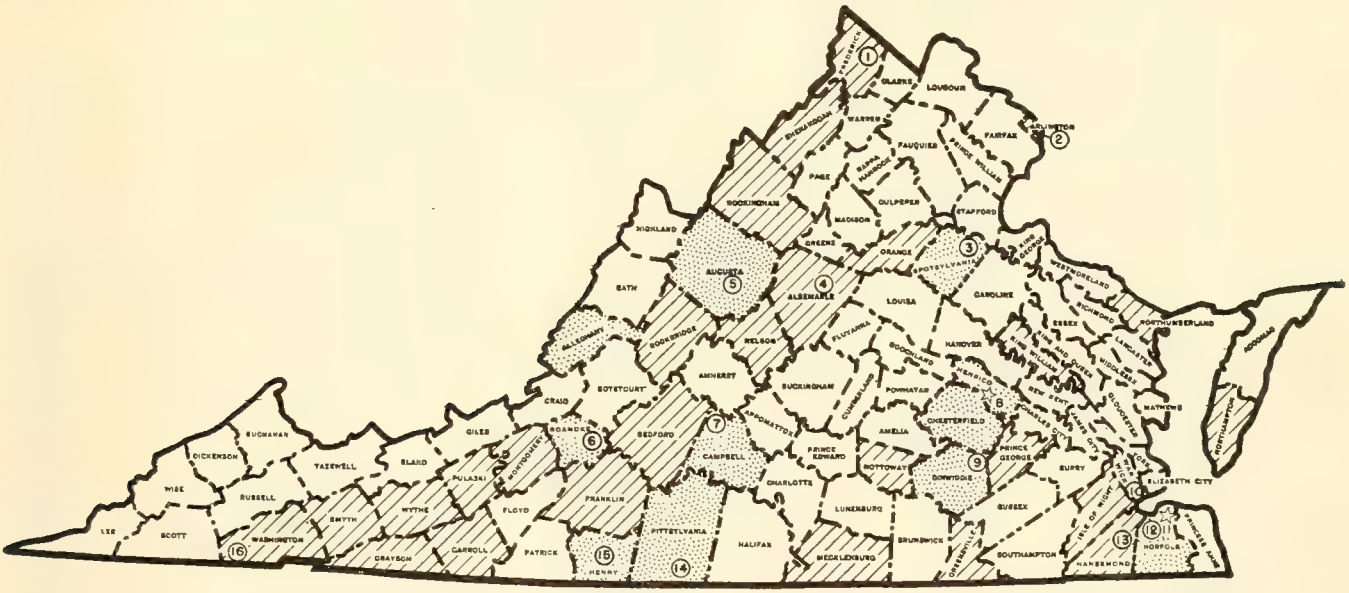
[In order to avoid disclosing data for individual establishments, wage-earner figures for industries represented by fewer than three establishments are withheld]

Group No.[1]	TITLE	Number of establishments	Wage earners
	STATE OF VERMONT		
1	Biscuit, crackers, and pretzels	1	
	Cereal preparations	1	
	Custom slaughtering, wholesale	1	
	Flavoring extracts and flavoring sirups, not elsewhere classified	1	
	Flour and other grain-mill products	1	
	Ice, manufactured	4	9
	Liquors, rectified or blended	1	
	Meat packing, wholesale	2	
	Prepared feeds (including mineral) for animals and fowls	19	250
3	Cotton broad woven goods	2	
	Hosiery—seamless	2	
	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	1	
	Processed waste and recovered wool fibers—contract factories	1	
	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	1	
4	Canvas products (except bags)	1	
	House dresses, uniforms, and aprons—made in contract factories	1	
	Housefurnishings (except curtains, draperies, and bedspreads)	1	
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	2	
	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	1	
	Women's and misses' dresses (except house dresses)—made in contract factories	1	
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	3	98
5	Logging camps and logging contractors (not operating sawmills)	3	46
6	Baskets for fruits and vegetables	1	
	Caskets, coffins, burial cases, and other morticians' goods	1	
	Cooperage	1	
	Mattresses and bedsprings	2	
	Public-building furniture	1	
	Venetian blinds	1	
	Window and door screens and weather strip	2	
	Window shades	1	
	Wooden boxes except cigar boxes	2	
7	Coated and glazed paper	2	
	Converted paper products not elsewhere classified	1	
	Fiber cans, tubes, and similar products	1	
	Paper bags, except those made in paper mills	2	
	Paperboard containers and boxes not elsewhere classified	2	
	STATE OF VERMONT—Continued		
8	Books: printing without publishing	2	
	Books: publishing and printing	1	
	Books: publishing without printing	2	
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	1	
	Machine and hand typesetting (including advertisement typesetting)	1	
	Periodicals: publishing and printing	1	
	Photoengraving, not done in printing establishments (including preparation of plates)	1	
9	Cleaning and polishing preparations, blackings, and dressings	1	
	Drugs and medicines (including drug grinding)	6	24
	Fertilizers	1	
	Grease and tallow (except lubricating greases)	1	
	Insecticides, fungicides, and related industrial and household chemical compounds	3	50
	Paints, varnishes, and lacquers	1	
10	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	1	
11	Rubber products not elsewhere classified	1	
12	Footwear (except rubber)	1	
	Leather goods not elsewhere classified	1	
	Leather: tanned, curried, and finished—contract factories	1	
13	Brick and hollow structural tile	2	
	Minerals and earths, ground or otherwise treated	5	190
14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	1	
	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	1	
	Power boilers and associated products	1	
	Tin cans and other tinware not elsewhere classified	1	
15	Nonferrous-metal foundries (except aluminum)	2	
16	Automotive electrical equipment	1	
17	Agricultural machinery (except tractors)	1	
	Commercial laundry, dry-cleaning, and pressing machinery	1	
	Construction and similar machinery (except mining and oil-field machinery and tools)	1	
	Food-products machinery	2	
	Industrial machinery, not elsewhere classified	1	
	Machine-shop repairs	1	
	Metalworking machinery and equipment, not elsewhere classified	1	
	Pumping equipment and air compressors	1	
	Scales and balances	2	
	Textile machinery	1	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	1	
20	Brooms	1	
	Miscellaneous fabricated products not elsewhere classified	2	
	Needles, pins, hooks and eyes, and slide and snap fasteners	1	
	Organs	1	
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	1	

[1] For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and of industry groups, sec. 27.

VIRGINIA

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939



KEY TO PLACES

ALEXANDRIA	2	NORFOLK	11
BRISTOL	16	PETERSBURG	9
CHARLOTTESVILLE	4	PORTSMOUTH	12
DANVILLE	14	RICHMOND	8
FREDERICKSBURG	3	ROANOKE	6
LYNCHBURG	7	STAUNTON	5
MARTINSVILLE	15	SUFFOLK	13
NEWPORT NEWS	10	WINCHESTER	1

UNDER 500 WAGE EARNERS

500 TO 2,499 WAGE EARNERS

2,500 OR MORE WAGE EARNERS

PLACES OF 10,000 TO 99,999 POPULATION

PLACES OF 100,000 OR MORE POPULATION

Prepared by the Bureau of the Census, Department of Commerce

VIRGINIA

Table 1. SUMMARY FOR THE STATE: 1939, 1937, AND 1929

CENSUS YEAR	Number of establishments	Proprietors and firm members	Number of persons employed in manufacturing	Salaries and wages [1]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2]	Value of products [3]	Value added by manufacture [3]
1939	2,579	1,674	145,831	$142,881,909	$609,325,191	$988,813,246	$379,488,055
1937	2,384	1,392	144,134	138,162,168	572,374,199	908,222,316	335,847,817
1929	3,185	2,308	116,281	124,388,414	338,717,690	691,127,823	352,410,133

[1] Figures for 1939 does not include data for employees of manufacturing establishments (except salaried officers of corporations) who were engaged in distribution, construction, and other nonmanufacturing work. For detail, see table 8. It is not known to what extent data for such nonmanufacturing employees were included in figures reported for earlier years. See GENERAL EXPLANATIONS—Persons engaged—general classification.

[2] The aggregates for cost of materials, etc., and value of products include large amounts of duplication due to the use of the products of some industries as materials by others. See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

Table 2.—SUMMARY FOR COUNTIES AND PLACES: 1939

[In the cases of those counties within which independent cities are located (indicated by asterisks), combined figures are given for the county and the independent city or cities located therein]

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [1]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
The State	2,677,773	[5] 2,579	133,894	$115,538,622	$609,325,191	$988,813,246	$379,488,055
COUNTIES* [5]							
Accomack	33,030	32	347	155,017	662,175	1,080,832	418,657
Albemarle and Charlottesville City*	44,052	48	1,234	873,797	3,103,111	5,308,689	2,205,578
Alleghany and Clifton Forge City* [5]	29,149	28	2,891				
Amelia	8,495	10	86	31,954	21,945	87,040	65,095
Amherst [6]	20,273	3	68				
Appomattox	9,020	8	156	60,618	125,792	244,020	118,228
Arlington and Alexandria City*	90,563	49	1,041	997,735	2,696,342	5,791,853	3,095,511
Augusta and Staunton City*	56,109	69	5,183	4,863,153	12,431,360	27,381,620	14,950,260
Bath [6]	7,191	2					
Bedford [5]	29,687	47	1,126				
Bland [6]	6,731	3	273				
Botetourt	16,447	12	498	321,432	616,906	1,332,556	715,650
Brunswick	19,575	23	261	107,691	141,820	502,175	360,355
Buchanan	31,477	5	53	46,018	72,148	173,096	100,948
Buckingham [6]	13,398	6	207				
Campbell and Lynchburg City*	70,589	83	9,461	7,634,752	20,694,981	37,018,169	16,323,188
Caroline	13,945	26	226	111,062	271,718	488,873	217,155
Carroll	25,904	16	1,598	1,110,498	3,525,959	6,150,645	2,624,686
Charles City	4,275	7	85	43,950	128,380	239,843	111,463
Charlotte	15,861	16	106	46,209	124,170	288,510	164,340
Chesterfield [6]	31,183	36	3,636				
Clarke	7,159	6	61	38,518	203,016	310,244	107,228
Craig [6]	3,769	1					
Culpeper	13,365	14	266	149,500	456,931	773,147	316,216
Cumberland	7,505	9	72	25,078	24,334	74,953	50,619
Dickenson [6]	21,266	2					
Dinwiddie and Petersburg City* [6]	48,797	53	4,683				
Elizabeth City and Hampton City*	38,181	11	84	72,463	254,503	575,492	320,989
Essex	7,006	12	127	62,636	199,891	344,151	144,260
Fairfax [6]	40,929	5	449				
Fauquier	21,039	10	57	44,946	261,998	421,166	159,168
Floyd	11,967	12	216	92,842	216,584	478,256	261,672
Fluvanna	7,088	5	56	24,257	44,544	89,184	44,640
Franklin	25,864	15	589	317,651	1,333,264	2,475,070	1,141,806
Frederick and Winchester City*	26,103	48	2,348	1,673,499	4,731,558	8,762,022	4,030,464
Giles [6]	14,635	7	168				
Gloucester	9,548	5	44	25,782	39,749	97,811	58,062
Goochland	8,454	10	123	46,429	111,751	193,257	81,506
Grayson [6]	21,916	7	950				
Greene [6]	5,218	1					
Greensville	14,866	20	956	636,638	1,178,957	2,696,198	1,517,241
Halifax	41,271	36	478	305,543	662,787	1,449,690	786,903
Hanover	18,500	31	358	189,446	476,811	867,151	390,340
Henrico and Richmond City*	235,002	343	18,040	18,520,576	265,146,907	376,311,183	111,164,276
Henry and Martinsville City*	36,561	43	7,639	5,430,045	15,703,707	29,944,951	14,241,244
Highland	4,875	10	92	50,507	106,874	233,880	127,006
Isle of Wight	13,381	20	991	773,949	3,937,958	6,433,743	2,495,785
James City and Williamsburg City*	8,849	9	77	53,351	81,622	222,732	141,110
King and Queen [6]	6,954	7	115				
King George [6]	5,431	2					
King William [6]	7,855	10	715				
Lancaster	8,786	25	217	86,543	371,454	567,114	195,660
Lee [6]	39,296	1					
Loudoun	20,291	12	72	49,745	938,324	1,111,407	173,083
Louisa	13,665	34	418	152,958	421,431	662,318	240,887

See footnotes at end of table.

TABLE 2.—SUMMARY FOR COUNTIES AND PLACES: 1939—Continued

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
COUNTIES* [5]—continued							
Lunenburg	13,844	18	228	$114,752	$491,122	$815,458	$324,336
Madison	8,465	9	82	44,864	105,490	233,358	127,868
Mathews [6]	7,149	7	24				
Mecklenburg	31,933	43	874	460,609	1,344,474	2,461,605	1,117,131
Middlesex	6,673	8	111	52,483	249,575	375,203	125,628
Montgomery and Radford City*	28,196	26	1,947	1,415,325	5,236,334	8,282,057	3,045,723
Nansemond and Suffolk City*	34,114	56	2,402	1,273,959	5,621,721	9,698,040	4,076,319
Nelson [6]	16,241	7	596				
New Kent	4,092	10	78	35,132	78,876	166,908	88,032
Norfolk, and Norfolk, Portsmouth, and South Norfolk Cities*	238,943	266	9,955	8,896,988	60,671,556	91,756,125	31,084,569
Northampton	17,597	29	824	261,850	1,551,082	2,249,543	698,461
Northumberland	10,463	25	707	414,647	877,147	1,543,392	666,245
Nottoway	15,556	25	530	277,510	1,091,175	1,919,838	828,663
Orange	12,649	16	682	448,247	2,140,496	3,062,972	922,476
Page	14,863	18	390	201,978	917,285	1,353,083	435,798
Patrick	16,613	5	85	40,180	93,021	195,083	102,062
Pittsylvania and Danville City* [6]	94,446	44	10,060				
Powhatan	5,671	12	116	57,414	50,834	171,582	120,748
Prince Edward	14,922	14	442	219,048	686,790	1,141,597	454,807
Prince George and Hopewell City*	20,905	17	1,781	2,099,459	14,814,540	31,788,781	16,974,241
Princess Anne	19,984	8	86	49,408	36,216	160,470	124,254
Prince William	17,738	7	61	42,278	231,829	408,141	176,312
Pulaski	22,767	24	2,235	1,721,295	4,395,084	7,814,357	3,419,273
Rappahannock	7,208	5	42	14,382	14,346	35,625	21,279
Richmond	6,634	11	116	35,016	170,401	263,516	93,115
Roanoke and Roanoke City*	112,184	105	7,754	8,098,789	20,404,428	39,339,925	18,935,497
Rockbridge and Buena Vista City*	26,719	30	1,367	1,043,805	7,344,874	11,327,276	3,982,402
Rockingham and Harrisonburg City*	40,057	63	1,514	980,318	5,493,700	7,926,618	2,432,918
Russell [6]	26,627	4	29				
Scott [6]	26,989	2					
Shenandoah	20,898	35	529	321,709	681,046	1,443,446	762,400
Smyth	28,861	24	2,100	1,695,169	3,317,192	8,588,310	5,271,118
Southampton	26,442	16	184	89,904	446,933	749,698	302,765
Spotsylvania and Fredericksburg City*	19,971	27	2,666	2,345,833	6,569,711	13,317,621	6,747,910
Stafford [6]	9,548	1					
Surry	6,193	8	123	56,287	66,777	174,306	107,529
Sussex	12,485	19	424	209,982	283,822	703,355	419,533
Tazewell	41,607	25	342	226,856	493,155	1,134,974	641,819
Warren	11,352	14	420	302,399	1,140,555	2,044,101	903,546
Warwick and Newport News City* [6]	46,315	32	8,129				
Washington and Bristol City*	47,965	49	1,793	1,356,722	5,042,334	9,055,778	4,013,444
Westmoreland	9,512	14	162	35,664	245,459	382,452	136,993
Wise	52,458	18	387	275,000	756,522	1,348,587	592,065
Wythe	22,721	17	1,067	805,484	2,515,969	5,028,368	2,512,399
York [6]	8,857	3	16				
Undistributed [7]		321	34,671	34,291,069	112,131,558	199,168,656	87,037,098
PLACES HAVING 10,000 OR MORE INHABITANTS							
Alexandria	33,523	21	368	341,764	1,271,699	2,317,804	1,046,105
Bristol, Virginia and Tennessee, total	23,772	55	3,175	2,284,871	8,683,158	13,917,115	5,233,957
Bristol, Va	9,768	33	1,395	1,052,273	3,722,583	6,203,572	2,480,989
Bristol, Tenn	14,004	22	1,780	1,232,598	4,960,575	7,713,543	2,752,968
Charlottesville	19,400	32	993	693,941	2,631,226	4,448,407	1,817,181
Danville [8]	32,749	32	969				
Fredericksburg [8]	10,066	19	1,129				
Lynchburg	44,541	68	7,490	5,974,461	13,866,484	26,481,871	12,615,387
Martinsville	10,080	23	3,834	2,451,218	7,299,918	12,652,627	5,352,709
Newport News [8]	37,067	28	7,974				
Norfolk	144,332	181	5,181	5,331,991	37,599,552	56,281,223	18,681,671
Petersburg [8]	30,631	45	4,457				
Portsmouth	50,745	40	1,516	1,093,345	7,578,293	11,108,160	3,529,867
Richmond	193,042	326	18,326	18,085,109	263,404,110	373,146,751	109,742,641
Roanoke [8]	69,287	76	2,404				
Staunton	13,337	20	781	620,702	1,207,866	2,750,933	1,543,067
Suffolk	11,343	31	1,610	871,519	4,751,303	8,170,950	3,419,647
Winchester	12,095	31	1,906	1,361,670	4,048,906	7,393,085	3,344,179

*See headnote.

[1] Not including salaried officers and employees or nonmanufacturing wage earners. The figure for each county or place is an average of the numbers reported for the several months of the year. In calculating it, equal weight must be given to full-time and to part-time wage earners (not reported separately by the manufacturers), and for this reason it exceeds the number that would have been required to perform the work done in the industries if all wage earners had been continuously employed throughout the year. The quotient obtained by dividing the amount of wages by the average number of wage earners cannot, therefore, be accepted as representing the average wage received by full-time wage earners. Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several counties do not add exactly to the average for the State. In making comparisons between the figures for 1939 and those for earlier years, the possibility that the proportion of part-time employment varied from year to year should be taken into account.

[2] Profits and losses cannot be calculated from the census figures because no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, and advertising.

[3] See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

[5] For numbers of establishments by "Industry groups," see table 10.

[6] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Undistributed" figures.

[7] The "Undistributed" figure for number of establishments and a part of the "Undistributed" figure for number of wage earners are included above in the items for the respective counties. The sums of the figures in these two columns are, therefore, larger than the corresponding State totals.

[8] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments.

TABLE 3.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, BY SEX: 1939 AND 1929

[The 1939 questionnaire, for the first time, called for data on the *total* number of employees in manufacturing establishments, including those engaged wholly or chiefly in distribution, construction, and other nonmanufacturing activities. It is not known to what extent data for such employees were included in the figures reported for earlier years. This table presents detailed figures for employees receiving pay at any time within the *normal* pay-roll period ended nearest Oct. 14, 1939, and for such employees on the pay roll on Dec. 14, 1929, or on the nearest *representative* date. The total for "Wage earners engaged in manufacturing" is not identical with the average for the year given in other tables), and differs from the number reported for October 1939 or for December 1929, because, for both years some manufacturers gave wage-earner figures for months other than those specified. See GENERAL EXPLANATIONS—Persons engaged—general classification]

CLASS AND SEX	1939 (Oct. 14) [1]	1929 (Dec. 14) [1]
All classes, aggregate	167,801	116,249
Male	120,940	87,556
Female	46,861	28,693
Salaried officers and employees, total	18,361	10,088
Male	14,827	8,090
Female	3,534	1,998
Salaried officers of corporations, total	1,612	1,559
Male	1,498	1,496
Female	114	63
All other employees (except wage earners in manufacturing), total	16,749	8,529
Male	13,329	6,594
Female	3,420	1,935

CLASS AND SEX	1939 (Oct. 14) [1]	1929 (Dec. 14) [1]
Salaried officers and employees—Continued.		
All other employees, etc.—Continued.		
Engaged in manufacturing:		
Male	7,888	
Female	2,437	
Engaged in distribution:		
Male	4,419	
Female	920	(2)
Engaged in construction:		
Male	685	
Engaged in other work:		
Male	337	
Female	63	
Wage earners engaged in manufacturing, total	149,440	106,161
Male	106,113	79,466
Female	43,327	26,695

[1] See headnote.
[2] Figures do not include data for 1,674 proprietors and firm members for 1939 and 2,308 for 1929, which were not reported by sex for 1939.
[3] No data.

TABLE 4.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS: 1939, 1937, AND 1929

[The figures for 1939 relate to wage earners engaged in manufacturing only. It is not known to what extent the figures for earlier years include data for nonmanufacturing wage earners. See headnote to table 3]

CENSUS YEAR	Average number employed during year [1]	NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH—											
		January	February	March	April	May	June	July	August	September	October	November	December
1939	133,894	122,957	125,071	128,276	130,307	129,399	129,422	133,289	139,984	145,179	144,761	140,874	137,215
1937	132,643	127,226	129,774	133,155	135,444	135,220	134,344	134,752	140,141	140,325	133,492	126,223	121,620
1929	106,193	99,004	101,808	104,167	106,757	105,297	106,212	107,697	111,138	114,054	111,600	106,473	100,120

[1] See GENERAL EXPLANATIONS—Wage earners and wages.

TABLE 5.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY NUMBER OF WAGE EARNERS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS	VALUE ADDED BY MANUFACTURE [2]
	1939	1929	1939	1929	1939	1939
All establishments	2,579	3,185	133,894	106,193	$988,813,246	$379,488,055
No wage earners	44	58			833,791	379,437
1 to 5	892	1,784	2,591	6,010	22,010,027	10,379,577
6 to 20	925	734	10,205	7,914	50,805,261	24,262,058
21 to 50	312	275	9,890	8,867	59,388,665	23,318,374
51 to 100	161	138	11,192	9,818	66,846,504	24,622,134
101 to 250	137	118	21,568	18,998	101,965,359	47,625,533
251 to 500	66	53	22,875	17,479	102,195,945	42,093,889
501 to 1,000	28	14	19,841	8,752	190,730,435	69,837,584
1,001 to 2,500	9	6	12,301	7,772	300,851,979	80,755,626
2,501 or more	5	5	23,431	20,583	93,185,280	56,213,843

[1] See headnotes to tables 3 and 4.

[2] See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 6.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY VALUE OF PRODUCTS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
All establishments	2,579	3,185	133,894	106,193	$988,813,246	$691,127,823	$379,488,055	$352,410,133
$5,000 to $19,999	1,011	1,584	5,501	5,889	11,203,366	15,877,259	6,400,394	8,913,111
$20,000 to $49,999	530	621	5,530	5,079	16,943,768	19,776,321	9,172,008	10,646,066
$50,000 to $99,999	284	336	4,606	5,502	20,387,149	24,271,618	10,492,690	12,265,106
$100,000 to $249,999	336	297	11,077	10,336	52,742,494	47,032,712	24,302,850	24,227,290
$250,000 to $499,999	179	146	14,264	10,177	63,238,411	51,342,002	28,613,464	23,010,433
$500,000 to $999,999	107	91	15,403	12,490	75,270,856	66,325,685	31,356,285	28,056,279
$1,000,000 to $2,499,999	88	81	26,279	20,705	133,744,989	122,768,088	53,547,828	53,940,892
$2,500,000 to $4,999,999	21	10	10,262	4,191	70,139,404	32,722,661	28,206,381	11,807,029
$5,000,000 and over	23	19	40,972	31,824	545,142,809	311,011,477	187,396,155	179,543,927

[1] See headnotes to tables 3 and 4.

[2] See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 7.—ESTABLISHMENTS CLASSIFIED AS UNDER CORPORATE OR OTHER FORM OF OWNERSHIP (OR CONTROL) AND AS UNDER CENTRAL-ADMINISTRATIVE-OFFICE OR INDEPENDENT OPERATION: 1939 AND 1929

TYPE OF OWNERSHIP OR CONTROL, AND OF OPERATION	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
Total	2,579	3,185	133,894	106,193	$988,813,246	$691,127,823	$379,488,055	$352,410,133
TYPE OF OPERATION								
1939 [3]								
Corporate ownership or control:								
Central-administrative-office (plural-unit)	600	(3)	82,693	(3)	770,622,211	(3)	275,583,401	(3)
Independent (single-unit)	734	(3)	38,681	(3)	173,035,435	(3)	84,363,448	(3)
Noncorporate ownership:								
Central-administrative-office (plural-unit)	175	(3)	3,081	(3)	10,814,195	(3)	4,372,405	(3)
Independent (single-unit)	1,070	(3)	9,439	(3)	34,341,405	(3)	15,168,801	(3)
1939 AND 1929 [3]								
Central-administrative-office (plural-unit), corporate and noncorporate	775	438	85,774	56,850	781,436,406	436,371,952	279,955,806	236,316,836
Independent (single-unit) corporate and noncorporate	1,804	2,747	48,120	49,343	207,376,840	254,755,871	99,532,249	116,093,297
TYPE OF OWNERSHIP OR CONTROL								
Corporate	1,334	1,214	121,374	93,982	943,657,646	639,872,267	359,946,849	328,553,248
Noncorporate, total	1,245	1,971	12,520	12,211	45,155,600	51,255,556	19,541,206	23,856,885
Individual	846	(4)	6,938	(4)	21,698,633	(4)	10,065,939	(4)
Partnership	387	(4)	5,426	(4)	21,827,654	(4)	9,000,836	(4)
Cooperative	8	(5)	156		1,629,313		474,431	
Other	4							

[1] See headnotes to tables 3 and 4.

[2] See GENERAL EXPLANATIONS—Value added by manufacture.

[3] Because of changes in the questionnaire, no comparable figures for 1929 can be given for the first section of this table. For this reason, the items have been regrouped under "1939 and 1929" to present comparable figures so far as this can be done.

[4] No data.

[5] Figures for 1939 combined to avoid disclosing data for individual establishments; no data for 1929.

TABLE 8.—GENERAL STATISTICS FOR

This table presents separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establish are given, however, reported larger numbers of wage earners or

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1]						
					Total [3]	Salaried officers of corporations [2]	Manufacturing		Distribution	Construction	Other
							Salaried employees [4]	Wage earners (average for year) [5]			
1		All industries, total	2,579	1,674	152,255	1,612	10,325	133,894	5,339	685	400
2	17	Agricultural machinery (except tractors)	10	1	348	11	24	302	11		
3	6	Baskets for fruits and vegetables	6	1	795	8	18	764	5		
4	10	Beehive coke	4		218	1	13	203	1		
5	1	Biscuit, crackers, and pretzels	3	1	343	4	32	254	53		
6	19	Boat building and boat repairing	6	6	100	4	4	92			
7	8	Bookbinding and related industries	6	8	151	3	12	136			
8	8	Books: printing without publishing	5	4	99	5	17	73	4		
9	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	131	118	2,596	50	174	2,114	232	14	12
10	13	Brick and hollow structural tile	30	9	1,300	28	51	1,182	25	14	
11	20	Brooms	3	7	39		3	36			
12	1	Candy and other confectionery products	20	12	927	16	30	847	29		5
13	1	Canned and dried fruits and vegetables (including canned soups)	100	120	2,544	24	137	2,336	44	3	
14	1	Canned fish, crustacea, and mollusks	3	3	19			19			
15	4	Canvas products (except bags)	5	3	52	4	5	32	6	5	
16	6	Caskets, coffins, burial cases, and other morticians' goods	11	8	115	13	10	83	9		
17	14	Cast-iron pipe and fittings	3		824	4	49	760	11		
18	9	Chemicals not elsewhere classified	14		3,018	7	452	2,430	61	65	3
19	4	Children's dresses—made in contract factories	3	1	141	3	5	133			
20	2	Cigarettes	6		7,523		453	6,736	242	6	86
21	9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	9		172	3	24	101	34	10	
22	13	Concrete products	35	26	606	23	33	498	52		
23	1	Condensed and evaporated milk	6		140	2	24	99	7	3	5
24	1	Cooking and other edible fats and oils, not elsewhere classified	4		201		40	155		4	2
25	6	Cooperage	37	26	381	3	14	359	5		
26	3	Cotton broad woven goods	10		12,761	15	366	12,295	83		2
27	1	Creamery butter	24	2	227	6	45	108	66	1	1
28	1	Cured fish	4	3	41		1	40			
29	1	Custom slaughtering, wholesale	3		46	4	5	27		10	
30	9	Drugs and medicines (including drug grinding)	9	2	151	19	33	62	36		1
31	3	Dyeing and finishing cotton, rayon, silk, and linen textiles	5		768	6	56	688	6	12	
32	6	Excelsior	18	26	176		8	163			5
33	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	18	7	934	21	142	742	26		3
34	9	Fertilizers	43	5	2,385	22	189	1,869	285	20	
35	9	Fish and other marine oils, cake, and meal	9		491	12	11	468			
36	1	Flavoring extracts and flavoring sirups, not elsewhere classified	8	3	230	12	19	162	37		
37	1	Flour and other grain-mill products	155	172	957	44	109	666	126	5	7
38	1	Food preparations, not elsewhere classified	11	8	173	6	13	121	32		1
39	17	Food-products machinery	5	5	40		6	32	2		
40	12	Footwear (except rubber)	6		3,336	13	244	3,076	3		
41	8	General commercial (job) printing	111	71	1,393	84	167	1,055	86	1	
42	14	Gray-iron and semisteel castings	26	13	677	19	39	613	6		
43	9	Grease and tallow (except lubricating greases)	5	2	164	9	12	142	1		
44	3	Hosiery—full-fashioned	23	2	3,046	24	132	2,866	18	5	1
45	3	Hosiery—seamless	11	4	2,483	10	67	2,399	7		
46	4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	3	2	145	2	10	131	2		
47	6	Household furniture, except upholstered	35	10	8,620	69	396	7,984	161	10	
48	1	Ice cream and ices	39	19	610	13	40	288	217	13	39
49	1	Ice, manufactured	98	29	974	47	109	364	440		14
50	12	Industrial leather belting and packing leather	4	3	43	2	2	39			
51	17	Industrial machinery, not elsewhere classified	10	1	228	16	46	152	8	4	2
52	9	Insecticides, fungicides, and related industrial and household chemical compounds	6	1	31	7	5	15	2		2
53	3	Jute goods (except felt)	3	3	215	6	8	201			
54	3	Knitted underwear	8		1,634	15	70	1,546	3		
55	12	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	7	2	469	2	25	412			
56	13	Lime	26	6	1,079	26	64	916	35	38	
57	1	Liquors, distilled	4	1	49	2	9	35	3		
58	8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	3		290	10	26	234	20		
59	5	Logging camps and logging contractors (not operating sawmills)	9	10	270		3	267			
60	8	Machine and hand typesetting (including advertisement typesetting)	4	4	17	1	1	15			
61	17	Machine-shop products, not elsewhere classified	10	2	190	16	25	142	7		
62	17	Machine-shop repairs	27	27	276	17	24	233	2		
63	1	Malt liquors	4		156	6	13	85	47	5	
64	6	Mattresses and bedsprings	14	12	241	15	37	157	30		2
65	1	Meat packing, wholesale	26	22	1,376	26	104	952	293	1	
66	4	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	6	2	1,170	5	28	1,134	2		1
67	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	7	1	2,373	10	91	2,271	1		
68	4	Millinery	4	1	285	8	14	231	32		
69	13	Minerals and earths, ground or otherwise treated	4	2	148	3	7	96	6	36	
70	13	Mirrors and other glass products made of purchased glass	7		310	11	21	273	5		
71	4	Miscellaneous fabricated textile products not elsewhere classified	3		43	1	7	31	3		1

See footnotes at end of table.

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ments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures larger values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
152,591,579	7,646,749	19,696,538	115,538,622	8,434,908	853,670	421,092	609,325,191	590,635,498	11,074,573	6,101,313	1,513,807	988,813,246	379,488,055	1
323,821	34,805	48,974	226,621	13,421			276,697	247,319	21,544	7,834		866,665	589,968	2
407,798	32,142	35,347	329,296	11,013			389,447	374,664	4,230	10,553		903,459	514,012	3
170,659	1,980	16,700	149,279	2,700			445,171	427,812	7,605	9,754		646,666	201,495	4
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)	5
92,013	6,066	3,381	82,566				40,301	37,703	200	1,152	1,246	174,177	133,876	6
178,090	27,000	29,254	121,836				79,050	73,493	1,850	3,504	203	318,942	239,892	7
130,804	18,080	31,080	78,084	3,560			74,993	64,420	1,614	2,957	6,002	261,132	186,139	8
2,925,070	205,315	286,635	2,194,693	212,265	19,173	6,989	5,834,859	5,566,832	161,616	106,411		12,193,874	6,359,015	9
1,081,274	78,991	80,110	861,383	40,728	20,062		855,502	228,442	538,030	89,030		2,788,022	1,932,520	10
(5)		(5)	(5)				(5)	(5)	(5)	(5)		(5)	(5)	11
642,203	48,587	70,320	467,916	51,194	157	4,029	3,834,546	3,774,445	27,269	32,832		6,231,879	2,397,333	12
1,024,332	98,115	118,844	731,680	69,101	6,592		4,649,024	4,547,901	78,286	21,827	1,010	6,455,606	1,806,582	13
4,750			4,750				16,967	16,632	220	115		28,748	11,781	14
54,677	9,160	5,110	27,983	9,224	3,200		93,752	92,939	175	638		192,957	99,205	15
132,756	38,884	15,084	65,314	13,474			247,880	241,750	2,001	4,104	25	440,954	193,074	16
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)	17
4,506,928	42,670	1,274,718	3,039,769	85,423	47,856	16,492	13,887,441	11,040,919	2,085,493	761,029		33,554,440	19,666,999	18
63,827	1,250	5,600	56,977				4,090	1,250	740	2,100		87,847	83,757	19
8,518,922		1,058,791	6,906,491	453,539	13,982	86,119	253,837,881	253,440,605	136,394	131,590	129,292	333,175,943	79,338,062	20
302,140	63,600	52,041	126,229	54,270	6,000		293,316	212,144	6,463	74,709		1,148,332	855,016	21
656,897	101,328	55,227	407,172	93,170			1,473,799	1,415,711	36,574	21,514		2,899,494	1,425,695	22
149,677	8,595	38,022	84,200	8,834	4,210	5,816	1,384,250	1,345,935	25,728	12,587		1,691,642	307,392	23
277,672		77,035	191,117	1,718	6,293	1,509	5,155,825	5,102,615	28,509	24,701		6,084,280	928,455	24
209,838	5,160	19,960	180,948	3,770			462,423	451,985	8,429	2,009		871,631	409,208	25
9,373,642	155,659	623,257	8,348,281	244,347		2,098	12,296,734	11,457,825	439,237	399,672		31,871,947	19,575,213	26
248,665	23,132	54,465	89,719	79,371	1,208	770	1,377,544	1,331,945	16,479	29,120		1,772,527	394,983	27
9,022		250	8,772				76,225	74,818	1,287	120		106,706	30,481	28
60,170	11,130	6,237	35,065		7,738		11,495	3,500	3,666	4,329		52,217	40,722	29
264,444	80,369	51,994	54,918	76,425		738	360,918	356,688	2,057	2,173		1,516,476	1,155,558	30
742,833	44,675	112,584	540,101	23,973	21,500		721,044	568,465	114,993	37,586		2,016,161	1,295,117	31
109,804		8,668	95,307			5,829	182,427	177,242	4,540	645		381,136	198,709	32
1,206,258	74,946	294,721	783,066	50,555		2,970	2,816,390	2,746,428	32,092	36,544	1,326	4,931,364	2,114,974	33
2,318,525	147,739	320,006	1,296,277	536,493	18,010		13,797,117	13,615,113	50,350	131,654		19,377,213	5,580,096	34
377,082	23,900	10,013	343,169				585,089	469,759	111,628	2,837	865	1,076,297	491,208	35
333,173	95,867	32,196	111,360	93,750			1,081,872	1,070,410	5,711	5,751		1,890,418	808,546	36
1,041,158	166,154	150,449	547,389	165,582	6,478	5,106	11,537,507	11,368,961	35,338	133,208		14,338,259	2,800,752	37
124,591	25,375	10,073	59,244	29,275		624	782,661	767,406	8,753	6,502		1,068,022	285,361	38
33,390		7,022	23,608	2,760			35,293	33,797	370	1,126		102,910	67,617	39
(5)	(5)	(5)	(5)	(5)			(5)	(5)	(5)	(5)		(5)	(5)	40
1,886,127	251,757	230,455	1,212,494	189,309	2,112		1,797,656	1,673,666	19,639	45,916	58,435	4,894,202	3,096,546	41
749,041	58,480	73,414	607,263	9,884			847,795	740,577	84,759	21,565	894	2,121,183	1,273,388	42
228,753	66,600	21,626	136,034	4,493			586,214	555,193	22,703	8,318		930,366	344,152	43
2,858,484	134,570	237,546	2,387,617	86,779	10,932	1,040	3,987,339	3,771,013	22,737	77,517	116,072	7,902,805	3,915,466	44
1,765,531	43,061	123,961	1,575,209	23,300			2,293,834	2,242,337	25,934	25,563		4,710,460	2,416,626	45
81,377	5,530	8,655	62,336	4,856			163,765	161,906	340	1,519		252,949	89,184	46
7,510,622	362,160	681,856	5,801,260	661,476	3,870		15,604,702	15,366,178	101,844	136,376	304	29,462,136	13,857,434	47
641,427	44,822	62,886	223,315	248,798	16,887	44,719	2,250,117	2,128,948	22,700	98,469		4,164,932	1,914,815	48
1,046,260	151,086	149,704	363,074	371,677	5,161	5,558	752,177	293,030	59,475	399,672		3,079,095	2,326,918	49
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)		(5)	(5)	50
419,425	92,783	107,572	193,533	21,842	2,675	1,020	502,005	487,344	3,664	7,647	3,350	1,292,239	790,234	51
53,470	27,888	6,576	11,260	3,300		4,446	98,553	92,794	2,339	834	2,586	184,391	85,838	52
137,891	23,200	12,990	101,701				216,776	203,936	846	11,994		495,306	278,530	53
1,212,362	142,440	112,907	954,115	2,900			2,765,865	2,717,841	19,046	28,978		4,418,069	1,652,204	54
480,505	12,000	51,501	417,004				2,963,719	2,905,632	43,573	14,514		4,247,393	1,283,674	55
794,391	74,513	79,770	581,657	37,070	21,381		1,021,233	679,001	249,967	92,265		2,162,657	1,141,424	56
48,976	5,420	15,120	24,789	3,647			158,385	144,392	10,000	3,993		259,966	101,581	57
489,847	73,450	52,908	301,261	62,228			469,782	452,968	4,897	8,476	3,441	1,201,974	732,192	58
143,175		4,880	138,295				232,633	213,797	3,388		15,448	467,198	234,565	59
24,203	1,676	312	22,215				5,659	3,800	493	1,366		58,457	52,798	60
232,311	46,405	40,505	140,260	5,141			254,603	245,556	4,033	5,014		695,286	440,683	61
418,466	67,880	38,318	308,648	3,620			257,201	240,233	3,379	12,541	1,048	884,007	626,806	62
226,187	25,480	35,342	96,800	59,875	8,690		427,053	394,410	12,063	20,580		1,401,855	974,802	63
236,645	58,760	36,689	107,785	32,111		1,300	482,139	472,036	1,360	8,732	11	942,221	460,082	64
1,520,129	135,707	144,339	811,329	427,933	821		11,468,337	11,340,721	53,605	71,918	2,093	13,932,714	2,464,377	65
637,208	20,045	52,776	557,612	5,995		780	1,277,831	1,260,412	5,745	11,674		2,203,813	925,982	66
2,240,842	93,263	211,091	1,934,088	2,400			3,833,267	3,793,454	21,454	18,359		7,185,411	3,352,144	67
318,354	45,500	31,964	179,268	61,622			529,156	518,256	3,001	1,870	6,029	898,462	369,306	68
100,510	11,000	13,113	56,575	6,708	13,114		223,101	183,657	9,640	26,154	3,650	540,313	317,212	69
349,614	53,459	42,162	224,439	29,554			1,386,105	1,366,707	8,069	11,329		2,045,655	659,550	70
31,935	2,073	9,129	14,787	5,859		87	29,490	28,829	194	467		68,068	38,578	71

TABLE 8.—GENERAL STATISTICS FOR

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1]: Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
1	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	17	14	616	14	46	541	14		1
2	18	Motor vehicles, motor-vehicle bodies, parts and accessories	5	2	1,209	5	47	1,094	63		
3	8	Newspapers: publishing and printing	98	61	2,331	86	658	1,085	502		
4	8	Newspapers: publishing without printing	4	2	7		7				
5	1	Nonalcoholic beverages	106	53	1,332	70	126	473	644	5	14
6	9	Paints, varnishes, and lacquers	9	7	151	15	19	72	43		2
7	7	Paper and paperboard mills	11		2,870	8	256	2,542	15	43	6
8	7	Paper bags, except those made in paper mills	7		603	8	40	518	37		
9	7	Paperboard containers and boxes not elsewhere classified	17	11	846	13	62	726	43	2	
10	6	Partitions, shelving, cabinet work, and office and store fixtures	7	2	145	7	18	119	1		
11	10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	5		44	1	6	36	1		
12	9	Perfumes, cosmetics, and other toilet preparations	4		150	5	4	38	102	1	
13	8	Periodicals: publishing and printing	10	3	123	8	48	60	7		
14	8	Periodicals: publishing without printing	7	1	85	3	37	6	39		
15	8	Photoengraving, not done in printing establishments (including preparation of plates)	7	6	71	7	9	52	3		
16	1	Pickled fruits and vegetables and vegetable sauces and seasonings	4	1	135	2	10	118	5		
17	5	Planing mills not operated in conjunction with sawmills	115	85	2,790	80	230	2,303	155	3	19
18	1	Poultry dressing and packing, wholesale	3	3	124	3	6	115			
19	14	Power boilers and associated products	3	1	217	7	29	173	8		
20	1	Prepared feeds (including mineral) for animals and fowls	16	13	239	5	28	189	16		1
21	9	Printing ink	3		29	4	2	14	7		2
22	7	Pulp mills	9		2,145	5	148	1,888		94	10
23	9	Rayon and allied products	5		12,165	3	1,186	10,786	39	95	56
24	3	Rayon broad woven goods—regular factories or jobbers engaging contractors	10		3,213	4	99	3,110			
25	3	Rayon narrow fabrics	3	1	129	1	7	117	4		
26	3	Rayon yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	3		839	1	40	798			
27	11	Rubber products not elsewhere classified	3		623	7	64	486	66		
28	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	10	5	176		13	162	1		
29	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	459	453	10,389	68	363	9,889	56	12	1
30	15	Sheet-metal work not specifically classified	11	4	169	13	12	125	19		
31	19	Shipbuilding and ship repairing	18	13	9,214	28	838	8,334	14		
32	20	Signs, advertising displays, and advertising novelties	16	11	220	12	15	172	7	14	
33	3	Silk broad woven goods—regular factories or jobbers engaging contractors	7	4	1,215	8	44	1,160	3		
34	14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	4		208	8	19	168	13		
35	9	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	6	1	291	3	26	261			1
36	4	Textile bags—not made in textile mills	8	5	637	4	45	563	25		
37	14	Tin cans and other tinware not elsewhere classified	3		282		43	233	5	1	
38	19	Transportation equipment not elsewhere classified	3	4	89	4	10	69	6		
39	6	Upholstered household furniture	5	3	313	5	6	295	7		
40	1	Vinegar and cider	5	2	122	1	10	105	6		
41	6	Window and door screens and weather strip	3		91	3	5	80	3		
42	6	Wooden boxes except cigar boxes	12	10	579	14	21	543	1		
43	6	Wood preserving	8	1	471	4	27	434	6		
44	6	Wood products not elsewhere classified	9	3	206	16	21	165	4		
45	3	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	10	4	1,558	13	90	1,454	1		
46	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	19	5	3,506	16	114	3,315	52	1	8
47	4	Work shirts	3		615	5	20	586		4	
48		Other industries [6]	211	73	32,465	228	2,348	28,977	697	131	84
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]									
49	1	Food and kindred products	11	4	771	12	57	635	67		
50	2	Tobacco manufactures	6	1	3,417	4	171	3,166		7	69
51	3	Textile-mill products and other fiber manufactures	17	3	2,498	8	146	2,329	15		
52	4	Apparel and other finished products made from fabrics and similar materials	20	6	2,182	19	77	2,011	62	4	9
53	6	Funiture and finished lumber products	8	4	139	3	9	117	10		
54	7	Paper and allied products	6		417	10	34	357	16		
55	8	Printing, publishing, and allied industries	14	5	229	10	98	49	72		
56	9	Chemicals and allied products	12	1	342	25	24	184	107	2	
57	12	Leather and leather products	17	3	4,834	27	303	4,402	102		
58	13	Stone, clay, and glass products	8	4	1,177	2	102	978	22	68	5
59	14	Iron and steel and their products, except machinery	24	2	2,640	35	194	2,334	35	42	
60	15	Nonferrous metals and their products	9	9	584	5	50	524	5		
61	17	Machinery (except electrical)	7	4	76	3	4	65	3		1
62	20	Miscellaneous industries	17	10	1,192	21	67	1,060	37	7	
63	11	Rubber products	3		623	7	64	486	66		
	18	Automobiles and automobile equipment	5	2	1,209	5	47	1,094	63		
	19	Transportation equipment except automobiles	22	13	9,914	28	889	8,981	15	1	
	5	Lumber and timber basic products	2								
	10	Products of petroleum and coal	1	2	221	4	12	205			
	16	Electrical machinery	2								

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.
[2] Figures do not include data for personnel of central-administrative offices.
[3] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

THE STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
582,501	57,560	56,428	440,085	27,563	----------	865	278,683	217,926	20,375	40,382	----------	1,170,353	891,670	1
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	2
3,911,328	442,321	1,199,946	1,615,725	653,336	----------	----------	2,107,749	1,836,187	34,864	92,104	144,594	9,270,999	7,163,250	3
7,759	----------	7,759	----------	----------	----------	----------	14,660	----------	12	81	14,567	44,633	29,973	4
1,882,370	376,354	246,777	388,006	847,897	5,243	18,093	4,205,741	4,115,640	32,074	57,577	450	9,766,402	5,560,661	5
219,631	68,899	35,658	63,090	50,375	----------	1,609	833,356	821,165	4,223	7,968	----------	1,419,759	586,403	6
3,573,632	104,525	549,564	2,831,640	33,643	45,260	9,000	16,644,743	14,973,908	1,061,618	609,217	----------	26,750,860	10,106,117	7
552,505	73,800	66,526	366,000	46,179	----------	----------	1,964,912	1,937,972	7,980	18,960	----------	2,766,862	801,950	8
828,446	56,801	100,830	602,611	65,555	2,649	----------	2,548,089	2,511,013	15,665	21,411	----------	4,286,249	1,738,160	9
226,151	39,602	34,340	144,660	7,549	----------	----------	196,166	178,281	2,964	4,921	10,000	455,915	259,749	10
54,244	8,400	6,215	34,229	5,400	----------	----------	538,590	488,697	19,341	5,298	25,254	757,388	218,798	11
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	12
182,434	33,184	55,873	79,559	13,818	----------	----------	145,651	122,802	1,743	3,498	17,608	446,753	301,102	13
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	----------	----------	(5)	(5)	(5)	14
158,726	41,660	12,985	101,170	2,911	----------	----------	51,869	44,203	1,549	3,122	2,995	318,462	266,593	15
100,189	5,095	16,226	73,279	5,589	----------	----------	321,197	315,304	3,928	1,965	----------	569,938	248,741	16
2,552,602	259,122	320,001	1,770,541	180,754	3,660	18,524	6,351,624	6,227,369	24,442	70,536	29,277	10,714,072	4,362,448	17
(5)	(5)	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	18
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	19
182,644	14,598	32,647	122,248	10,672	----------	2,479	2,734,798	2,704,054	4,579	26,165	----------	3,461,671	726,873	20
62,691	21,320	5,605	14,368	19,682	----------	1,716	101,734	98,201	440	3,093	----------	225,668	123,934	21
2,719,697	75,500	316,113	2,124,283	----------	187,897	15,904	9,935,603	8,787,822	1,111,490	36,291	----------	17,072,846	7,137,243	22
16,745,382	35,125	2,694,610	13,685,203	85,040	181,154	64,250	18,920,562	17,293,234	1,557,747	28,030	41,551	59,672,183	40,751,621	23
2,645,365	8,200	151,025	2,486,140	----------	----------	----------	11,039,324	10,619,504	34,210	211,380	174,230	15,473,882	4,434,558	24
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	25
(5)	(5)	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	26
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	27
170,239	----------	22,202	145,697	2,340	----------	----------	1,785,159	1,756,440	11,105	17,614	----------	2,178,416	393,257	28
6,142,078	281,132	501,932	5,276,821	77,607	4,281	305	8,085,648	7,647,302	154,831	84,105	199,410	18,559,755	10,474,107	29
192,331	47,165	14,016	107,416	23,734	----------	----------	551,254	530,380	1,157	4,309	15,408	909,188	357,934	30
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	31
266,664	59,600	18,409	171,630	15,610	1,415	----------	373,439	358,684	4,714	6,879	3,162	842,819	469,380	32
829,363	34,627	68,648	722,537	3,551	----------	----------	3,570,778	3,442,833	6,892	65,591	55,462	5,187,965	1,617,187	33
231,545	33,553	38,184	143,000	16,808	----------	----------	147,002	135,260	7,611	4,131	----------	543,827	396,825	34
308,860	25,280	40,952	237,628	----------	----------	5,000	928,868	822,732	104,629	1,507	----------	1,843,040	914,172	35
582,696	43,700	75,141	401,342	62,513	----------	----------	4,146,554	4,131,741	4,163	10,650	----------	5,408,339	1,261,785	36
(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	37
101,533	12,665	19,285	53,735	15,848	----------	----------	134,665	128,971	2,070	3,624	----------	303,046	168,381	38
245,708	4,910	10,180	216,304	14,314	----------	----------	529,056	518,942	2,092	6,222	1,800	903,726	374,670	39
77,433	1,525	10,470	62,422	3,016	----------	----------	284,822	270,699	8,667	5,456	----------	453,893	169,071	40
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	41
407,868	28,100	27,990	351,388	390	----------	----------	911,987	894,245	2,032	15,710	----------	1,833,398	921,411	42
413,710	13,262	49,401	323,879	27,168	----------	----------	2,168,137	2,074,426	77,890	15,821	----------	3,352,795	1,184,658	43
190,919	59,180	26,762	103,353	1,624	----------	----------	176,705	170,040	3,867	2,722	76	431,615	254,910	44
1,440,224	66,935	174,530	1,185,540	4,945	8,274	----------	5,578,425	5,445,390	52,775	80,260	----------	7,981,079	2,402,654	45
2,164,143	111,755	158,121	1,804,234	82,548	728	6,757	5,794,606	5,753,594	10,580	30,432	----------	9,008,865	3,214,259	46
(5)	(5)	(5)	(5)	----------	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	47
36,656,995	1,299,612	4,836,952	29,072,256	1,224,617	145,007	78,551	99,337,013	95,834,040	1,859,896	1,218,444	424,633	169,804,659	70,467,646	48
719,917	63,667	75,884	459,787	120,579	----------	----------	3,150,455	3,100,267	33,227	16,961	----------	4,650,478	1,500,023	49
2,732,385	56,673	366,423	2,211,575	----------	31,265	66,447	12,207,507	12,112,894	55,123	39,490	----------	19,314,498	7,106,991	50
1,929,140	32,170	244,681	1,632,497	19,792	----------	----------	11,295,707	10,992,386	81,054	146,592	75,675	16,718,350	5,422,643	51
1,522,253	85,798	107,077	1,235,613	81,725	3,798	8,242	3,252,287	3,151,021	8,262	22,980	70,024	5,554,860	2,302,573	52
111,309	10,059	12,717	75,782	12,751	----------	----------	269,300	257,733	5,597	5,970	----------	461,581	192,281	53
500,455	71,857	69,204	325,816	33,578	----------	----------	992,751	981,323	2,816	8,612	----------	1,802,003	809,252	54
377,305	49,099	146,579	64,669	116,958	----------	----------	333,340	53,453	2,725	3,011	274,151	855,967	522,627	55
429,356	132,725	40,258	136,890	117,410	2,073	----------	1,192,697	1,144,654	14,650	33,393	----------	2,360,135	1,167,438	56
4,177,601	124,092	408,074	3,464,624	180,811	----------	----------	7,827,904	7,753,208	29,843	44,853	----------	13,708,387	5,880,483	57
1,247,520	14,465	188,252	914,312	57,581	69,168	3,742	1,538,578	821,091	383,035	332,575	1,877	5,252,261	3,713,683	58
2,959,805	208,444	398,860	2,258,692	64,206	29,603	----------	6,337,255	5,491,639	767,669	75,382	2,565	11,703,099	5,365,844	59
737,309	17,615	104,695	601,789	13,210	----------	----------	4,120,747	3,988,501	59,249	72,997	----------	8,342,793	4,222,046	60
100,659	10,200	7,406	78,833	4,100	----------	120	139,130	134,985	1,496	2,649	----------	330,343	191,213	61
1,165,506	121,329	110,347	843,729	82,001	8,100	----------	1,091,496	1,031,238	26,408	33,614	236	3,115,429	2,023,933	62
17,946,477	301,419	2,556,495	14,767,648	319,915	1,000	----------	45,587,859	44,819,647	388,742	379,365	105	75,634,475	30,046,616	63

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[6] For numbers of establishments and of wage earners in individual industries, see table 11.

TABLE 9. GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939

[This table presents for each city in the State having 100,000 or more inhabitants, separate figures for each industry for which it is possible to publish such figures without disclosing data for individual establishments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures are given, however, reported larger numbers of wage earners or larger values of products than are shown above separately. No data for nonmanufacturing personnel, except salaried officers of corporations, are included in this table]

Industry group	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
	NORFOLK											
	All industries, total	181	64	173	534	5,181	$639,738	$977,898	$5,331,991	$37,599,552	$56,281,223	$18,681,671
7	Agricultural machinery (except tractors)	3		5	3	79	16,482	3,370	44,983	56,253	235,326	179,073
	Bread and other bakery products (except biscuit, crackers, and pretzels)	19	16	6	35	365	38,764	50,831	393,390	1,264,394	2,777,087	1,512,693
	Candy and other confectionery products	5	5	1	5	61	3,300	7,342	38,613	598,347	709,665	111,318
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	3			5	30	(4)	(4)	(4)	(4)	(4)	(4)
	Concrete products			6		36	(4)	(4)	(4)	(4)	(4)	(4)
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	3	3	3	6	50	7,398	11,337	50,995	171,017	271,927	100,910
	Food preparations, not elsewhere classified	3	1	1	3	28	(4)	(4)	(4)	(4)	(4)	(4)
8	General commercial (job) printing	14	5	15	12	67	33,959	18,584	81,612	102,371	294,908	192,537
14	Gray-iron and semisteel castings	5		8	2	30	12,127	3,517	30,206	30,292	106,018	75,726
	Ice cream and ices	4	1		4	38		7,880	36,273	322,729	606,188	283,459
	Ice, manufactured	8		3	7	66	(4)	(4)	(4)	(4)	(4)	(4)
3	Jute goods (except felt)	3	3	6	8	201	23,200	12,990	101,701	216,776	495,306	278,530
7	Machine-shop repairs	6	2	11	7	100	(4)	(4)	(4)	(4)	(4)	(4)
	Mattresses and bedsprings	3	1	7	27	76	(4)	(4)	(4)	(4)	(4)	(4)
8	Newspapers: publishing and printing	4	2	12	110	155	(4)	(4)	(4)	(4)	(4)	(4)
	Nonalcoholic beverages	8	2	4	12	56	10,974	23,515	44,915	750,282	1,722,121	971,839
	Planing mills not operated in conjunction with sawmills	7	1	7	12	83	17,885	15,821	82,823	353,616	528,195	174,579
	Prepared feeds (including mineral) for animals and fowls	3		1	8	76	(4)	(4)	(4)	(4)	(4)	(4)
17	Sheet-metal work not specifically classified	4	1	4	3	47	13,205	3,716	40,103	71,967	170,253	98,286
20	Shipbuilding and ship repairing	10	4	19	36	624	85,457	78,887	673,075	434,902	1,663,388	1,228,486
9	Signs, advertising displays, and advertising novelties	5	4	2	1	20	(4)	(4)	(4)	(4)	(4)	(4)
	Other industries [5]	98	23	95	396	3,480	376,987	740,108	3,713,302	33,226,606	46,700,841	13,474,235
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	27	4	13	54	512	57,962	80,252	359,526	4,900,084	7,057,045	2,156,961
4	Apparel and other finished products made from fabrics and similar materials	8	1	6	36	528	18,880	87,826	362,706	1,935,122	2,736,302	801,180
6	Furniture and finished lumber products	13	4	15	36	322	63,881	39,550	232,248	622,397	1,245,590	623,193
9	Chemicals and allied products	8	1	8	13	52	44,218	24,341	48,856	478,595	851,812	373,217
17	Machinery, except electrical	10	3	14	15	148	64,175	25,162	197,587	190,070	613,023	422,953
8	Printing, publishing, and allied industries	10	5	16	147	173						
13	Stone, clay, and glass products	3		6		36						
14	Iron and steel and their products, except machinery	3		7	5	52						
20	Miscellaneous industries	5	4	2	1	20						
3	Textile-mill products and other fiber manufactures	2										
5	Lumber and timber basic products	1										
7	Paper and allied products	1					127,871	482,977	2,512,379	25,100,338	34,197,069	9,096,731
10	Products of petroleum and coal	1										
11	Rubber products	1										
12	Leather and leather products	1	1	8	89	1,637						
15	Nonferrous metals and their products	1										
18	Automobiles and automobile equipment	1										
19	Transportation equipment except automobiles	2										
	RICHMOND											
	All industries, total	326	181	335	1,882	18,326	$1,763,272	$3,736,797	$18,085,109	$263,404,110	$373,146,751	$109,742,641
8	Bookbinding and related industries	6	8	3	12	136	27,000	29,254	121,836	79,050	318,942	239,892
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	32	25	15	55	752	73,100	105,973	891,224	2,132,145	4,468,874	2,336,729
1	Candy and other confectionery products	5	2	7	8	60	20,124	11,525	41,684	188,810	316,710	127,900
6	Caskets, coffins, burial cases, and other morticians' goods	3	2	4	4	23	17,717	4,670	16,780	71,986	151,251	79,265
13	Concrete products	6	8	1	6	73	2,825	8,973	59,114	301,178	539,702	238,524
9	Drugs and medicines (including drug grinding)	5		14	26	37	(4)	(4)	(4)	(4)	(4)	(4)
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	5	1	8	31	173	29,020	47,361	167,113	849,650	1,331,810	482,160

See footnotes at end of table.

TABLE 9.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
		RICHMOND—Continued										
1	Flavoring extracts and flavoring sirups, not elsewhere classified	4	1	7	8	112	(4)	(4)	(4)	(4)	(4)	(4)
1	Food preparations, not elsewhere classified	3	3	------	2	20	(4)	(4)	(4)	(4)	(4)	(4)
8	General commercial (job) printing	44	29	40	73	541	$137,297	$122,208	$633,488	$1,098,664	$2,746,750	$1,648,086
14	Gray-iron and semisteel castings	4	5	------	------	31	------	------	32,338	29,027	89,410	60,383
1	Ice cream and ices	9	5	3	11	63	6,930	21,224	48,267	565,536	1,218,643	653,107
1	Ice, manufactured	7	------	10	19	39	27,897	30,809	49,512	74,449	412,873	338,424
17	Industrial machinery, not elsewhere classified	6	1	12	34	101	72,542	85,583	130,998	399,931	977,927	577,996
17	Machine-shop repairs	6	6	3	1	38	(4)	(4)	(4)	(4)	(4)	(4)
6	Mattresses and bedsprings	3	5	------	5	27	------	9,769	29,478	67,625	169,615	101,990
1	Meat packing, wholesale	3	3	5	65	565	(4)	(4)	(4)	(4)	(4)	(4)
13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	4	7	------	1	16	------	312	29,724	23,206	75,558	52,352
8	Newspapers: publishing and printing	4	1	14	191	233	(4)	(4)	(4)	(4)	(4)	(4)
1	Nonalcoholic beverages	7	3	4	6	64	18,200	14,773	51,545	586,167	1,399,759	813,592
9	Paints, varnishes, and lacquers	5	3	8	9	30	(4)	(4)	(4)	(4)	(4)	(4)
7	Paper and paperboard mills	4	------	3	31	741	(4)	(4)	(4)	(4)	(4)	(4)
7	Paperboard containers and boxes not elsewhere classified	8	5	10	44	454	41,101	74,309	434,306	1,848,852	3,038,956	1,190,104
6	Partitions, shelving, cabinet work, and office and store fixtures	3	1	5	13	77	(4)	(4)	(4)	(4)	(4)	(4)
8	Periodicals: publishing and printing	6	2	8	37	49	33,184	44,341	64,869	124,936	378,886	253,950
8	Periodicals: publishing without printing	4	------	3	33	6	(4)	(4)	(4)	(4)	(4)	(4)
8	Photoengraving, not done in printing establishments (including preparation of plates)	3	3	2	3	22	12,700	3,086	55,048	25,158	151,490	126,332
5	Planing mills not operated in conjunction with sawmills	9	1	15	37	614	75,090	69,638	546,490	1,156,387	2,218,190	1,061,803
9	Printing ink	3	------	4	2	14	21,320	5,605	14,368	101,734	225,668	123,934
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	3	4	------	6	67	------	9,019	65,783	852,535	1,020,359	167,824
20	Signs, advertising displays, and advertising novelties	3	1	2	2	18	4,100	1,032	21,864	41,970	112,996	71,026
4	Textile bags—not made in textile mills	3	4	3	32	315	38,400	51,664	236,987	2,720,309	3,537,056	816,747
	Other industries [5]	147	60	184	1,454	14,675	1,104,725	2,985,669	14,342,293	250,064,805	348,245,326	98,180,521
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	23	13	29	133	1,107	164,684	217,019	1,056,011	9,936,366	13,195,810	3,259,444
4	Apparel and other finished products made from fabrics and similar materials	12	3	23	72	1,494	186,814	155,553	1,376,280	3,081,505	5,376,230	2,294,725
6	Furniture and finished lumber products	10	5	9	24	308	44,331	52,654	284,715	578,183	1,149,375	571,192
7	Paper and allied products	11	------	15	92	1,464	132,386	181,758	1,437,143	6,069,707	9,616,554	3,546,847
8	Printing, publishing, and allied industries	21	9	29	312	457	183,977	574,739	701,650	1,481,440	4,682,861	3,201,421
9	Chemicals and allied products	18	3	30	39	107	121,013	66,048	93,293	872,562	2,078,867	1,206,305
13	Stone, clay, and glass products	3	1	2	9	49	9,500	15,495	42,137	114,633	277,531	162,898
14	Iron and steel and their products, except machinery	9	1	22	104	824	131,507	204,672	826,583	1,849,024	3,765,717	1,916,693
17	Machinery (except electrical)	8	6	6	5	54	15,960	7,596	71,289	61,911	208,898	146,987
20	Miscellaneous industries	7	5	6	10	103	21,425	14,681	85,334	154,804	356,713	201,909
2	Tobacco manufactures	8	------	1	539	7,931						
12	Leather and leather products	4	3	4	6	74						
15	Nonferrous metals and their products	7	10	------	46	327						
3	Textile-mill products and other fiber manufactures	2										
10	Products of petroleum and coal	2					93,128	1,495,454	8,367,858	225,864,670	307,536,779	81,672,100
18	Automobiles and automobile equipment	1	1	8	63	376						
19	Transportation equipment except automobiles	1										

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] Figures do not include data for personnel of central-administrative offices.

[2] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

[4] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.

[5] For numbers of establishments and of wage earners in individual industries, see table 11.

TABLE 10.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939

COUNTY	Total	INDUSTRY GROUP																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
The State	2,579	702	12	104	78	585	170	50	262	130	10	3	24	127	72	20	2	69	5	31	33
Accomack	32	7			1	6	14		2					1						1	
Albemarle and Charlottesville City	48	21		4	2	7	4		5					2				3			
Alleghany and Clifton Forge City	28	12		2		3		2	3	2			1	2	1						
Amelia	10	1				8			1												
Amherst	3								1	1				1							
Appomattox	8	1			2	4											1				
Arlington and Alexandria City	49	14			1	2	2		5	6				10	7			2			
Augusta and Staunton City	69	28		9	3	4	6		5	2				6	3		1	2			
Bath	2	1				1															
Bedford	47	32		2		5		2	3	1		1			1						
Bland	3			1		2															
Botetourt	12	6							1					4							1
Brunswick	23	1			1	19	1		1												
Buchanan	5	1				3												1			
Buckingham	6	1				4								1							
Campbell and Lynchburg City	83	18		5	7	5	4	3	9	7			6	5	5			6		1	2
Caroline	26	2				12	10		1	1											
Carroll	16	5		3		1	5		1					1							
Charles City	5					4								1							
Charlotte	16	5				10			1												
Chesterfield	36	2				19	6			2				6	1						
Clarke	6	4					1		1												
Craig	1	1																			
Culpeper	14	5		1	1	3	2		2												
Cumberland	9	2				7															
Dickenson	2					2															
Dinwiddie and Petersburg City	53	12	3	1	3	11	2		5	3			2	1	3			2			5
Elizabeth City and Hampton City	11	5				1			1	1					1			1		1	
Essex	12	4				7			1												
Fairfax	5	2				1									1					1	
Fauquier	10	5				4			1												
Floyd	12	3			1	8															
Fluvanna	5					5															
Franklin	15	3		1		7	1		1	1				1							
Frederick and Winchester City	48	23		5		5	4	1	2	2		1		3	1			1			
Giles	7	2							1				1	3							
Gloucester	5	1				3			1												
Goochland	10					10															
Grayson	7			3		2			2												
Greene	1					1															
Greensville	20	4		2		8	2		1					2	1						
Halifax	36	7		2	1	23			2									1			
Hanover	31	5			1	17	5		1	2											
Henrico and Richmond City	343	86	8	2	15	18	17	20	81	24	2		4	14	18	8		14	1	1	10
Henry and Martinsville City	43	5	1	9	1	5	11	2	3					3				2	1		
Highland	10					9				1											
Isle of Wight	20	6				8	1	2	1					1						1	
James City and Williamsburg City	9	2				4			1					1		1					
King and Queen	7	1				6															
King George	2	1				1															
King William	10	2				3	1	2	1											1	
Lancaster	25	14				4			1	3				1						2	
Lee	1													1							
Loudoun	12	6				1			3					2							
Louisa	34	4			1	28	1														
Lunenburg	18	3		1		12	1			1											
Madison	9	2				2	4		1												
Mathews	7	5				2															
Mecklenburg	43	4		2	1	30	2		2	1										1	
Middlesex	8	5				2			1												
Montgomery and Radford City	26	13		3	2	1	1	1	2	1				1	1						
Nansemond and Suffolk City	56	16		1	1	17	5	1	5	3				1				1		2	
Nelson	7	2				2				1				2							
New Kent	10					10															
Norfolk, and Norfolk, Portsmouth, and South Norfolk Cities	266	81		6	9	20	21	2	29	34	2	1	1	7	12	6		15	2	13	5
Northampton	29	12		1		5	8		2	1											
Northumberland	25	13				4				6				1						1	
Nottoway	25	4		2	1	15			2	1											
Orange	16	5		4		3	1		3												
Page	18	11		1	2	2			1					1							
Patrick	5	1				3	1														
Pittsylvania and Danville City	44	21		4	2	2	1		6	2				2	2			2			
Powhatan	12					12															
Prince Edward	14	5			1	5	1		1				1								
Prince George and Hopewell City	17	2		1		5	1	4	2	1					1						

TABLE 10.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939—Continued

COUNTY	Total	INDUSTRY GROUP																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Princess Anne	8	5				1			1					1							
Prince William	7	3				2								2							
Pulaski	24	4		6		5	1	1	2	2				1	2						
Rappahannock	5	1				4															
Richmond	11	5				5			1												
Roanoke and Roanoke City	105	42		3	4	7	4	1	16	5	1		1	5	6	2		5		1	2
Rockbridge and Buena Vista City	30	11		4		4		3	3	1			1	2				1			
Rockingham and Harrisonburg City	63	31		1	3	2	2	1	5	2	1		1	5		2		5			2
Russell	4	3				1															
Scott	2					1			1												
Shenandoah	35	14		1	2	3	2		3	1				6	1			1			1
Smyth	24	10		2	2	1	2		1	2			1	3							
Southampton	16	2				11	1		1						1						
Spotsylvania and Fredericksburg City	27	8		1	4	5	2		3	1			1			1					1
Stafford	1					1															
Surry	8					8															
Sussex	19	2				17															
Tazewell	25	5		1		9	3		1					5	1						
Warren	14	7		1			2		1					3							
Warwick and Newport News City	32	13				4	2		4					2	1				1	4	1
Washington and Bristol City	49	19		3	1	3	2	2	4	4			3	3	1			1			3
Westmoreland	14	11				2			1												
Wise	18	9				2			3		4										
Wythe	17	8		3	2				2	1				1							
York	3	1				2															

TABLE 11.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE AND FOR NORFOLK AND RICHMOND: 1939

[In order to avoid disclosing data for individual establishments, wage-earner figures for industries represented by fewer than three establishments are withheld]

Group No.[1]	TITLE	Number of establishments	Wage earners
	STATE OF VIRGINIA		
1	Baking powder, yeast, and other leavening compounds	1	..
	Biscuit, crackers, and pretzels	3	254
	Cheese	1	...
	Poultry dressing and packing, wholesale	3	115
	Preserves, jams, jellies, and fruit butters	1	.
	Quick-frozen foods	2	..
2	Cigars	2	.....
	Tobacco (chewing and smoking) and snuff	4	.. ....
3	Carpets and rugs, wool	1	.... ..
	Cordage and twine	1	.....
	Dyeing and finishing woolen and worsted	1	.. ...
	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	1	.. ....
	Knitted cloth	1	.....
	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	1	.....
	Rayon broad woven goods—contract factories	1	.. ....
	Rayon narrow fabrics	3	117
	Rayon yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	3	798
	Silk broad woven goods—contract factories	1	.....
	Silk narrow fabrics	2	. ....
	Silk yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	1	. . ..
4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	1	.....
	House dresses, uniforms, and aprons—made in contract factories	2	.....
	Housefurnishings (except curtains, draperies, and bedspreads	1	.....
	Men's and boys' hats and caps (except felt and straw)	1	.....
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in contract factories	2	.. ....
	Men's and boys' underwear—made in inside factories or by jobbers engaging contractors	2	.....
	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories	1	.....
	Trousers (semidress), wash suits, and washable service apparel	2	.... .
	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics	2	.....
	Women's, children's, and infants' underwear and nightwear of knitted fabrics	1	.. ...
	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	1	.. ....
	Work gloves and mittens: cloth, cloth and leather combined	1	.....
	Work shirts	3	586
5	Plywood mills	2	.. ...
6	Cork products	1	.....
	Public-building furniture	1	.....
	Window and door screens and weather strip	3	80
	Window shades	3	.....
7	Converted paper products not elsewhere classified	4	.....
	Envelopes	2	.....
8	Books: publishing and printing	1	.....
	Books: publishing without printing	2	.....
	Electrotyping and stereotyping, not done in printing establishments	2	. ....
	Engraving (steel, copperplate, and wood); plate printing	2	.....
	Periodicals: publishing without printing	7	6
9	Bluing	1	..... .
	Cleaning and polishing preparations, blackings, and dressings	2	.....
	Colors and pigments	1	.....
	Glue and gelatin	1	. ....
	Perfumes, cosmetics, and other toilet preparations	4	38
	Soybean oil, cake, and meal	2	.....
	Vegetable and animal oils, not elsewhere classified	1	.....
10	Petroleum refining	1	.....
11	Rubber products not elsewhere classified	3	486
12	Boot and shoe cut stock and findings	2	.
	Footwear (except rubber)	6	3,076
	Industrial leather belting and packing leather	4	39
	Leather goods not elsewhere classified	2	.....
	Saddlery, harness, and whips	1	.....
	Suitcases, brief cases, bags, trunks, and other luggage	1	.....
	Women's pocketbooks, handbags, and purses	1	.....
13	Cement	2	.. ...
	China firing and decorating (for the trade)	1	.....
	Gypsum products	2	.....
	Pottery products not elsewhere classified	1	.....
	Sewer pipe and kindred products	1	.....
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	1	.....
	STATE OF VIRGINIA—Continued		
14	Blast-furnace products	1	.. ....
	Cast-iron pipe and fittings	3	760
	Doors, window sash, frames, molding, and trim (made of metal)	2	.....
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semi-vitreous china sanitary ware)	1	.....
	Forgings, iron and steel—made in plants not operated in connection with rolling mills	1	.....
	Hardware not elsewhere classified	2	.....
	Oil burners, domestic and industrial	2	.....
	Power boilers and associated products	3	173
	Stamped and pressed metal products (except automobile stampings)	1	.. ..
	Steam fittings, regardless of material	1	.....
	Steel barrels, kegs, and drums	1	.....
	Steel works and rolling mills	2	.....
	Tin cans and other tinware not elsewhere classified	3	233
	Wirework not elsewhere classified	1	.....
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	2	.....
	Electroplating, plating, and polishing	1	.....
	Nonferrous-metal products not elsewhere classified	1	.....
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	1	.....
	Silverware and plated ware	2	.....
	Tin and other foils (except gold and silver foil)	2	.....
16	Batteries, storage and primary (dry and wet)	1	.....
	Electrical products not elsewhere classified	1	.... ..
17	Cars and trucks, industrial	1	.. ....
	Commercial laundry, dry-cleaning, and pressing machinery	1	.....
	Elevators, escalators, and conveyors	2	.....
	Mechanical power-transmission equipment	1	.....
	Office and store machines not elsewhere classified	1	.... ..
	Woodworking machinery	1	.....
18	Motor vehicles, motor-vehicle bodies, parts and accessories	5	1,094
19	Cars and car equipment—railroad, street, and rapid-transit	3	.....
	Locomotives (including frames) and parts: railroad, mining, and industrial	1	.....
	Shipbuilding and ship repairing	18	8,334
20	Brooms	3	36
	Brushes	1	.....
	Buttons	2	.. ....
	Games and toys (except dolls and children's vehicles)	1	.....
	Hand stamps, stencils, and brands	2	.... ..
	Miscellaneous fabricated products not elsewhere classified	1	.....
	Ophthalmic goods: lenses and fittings	2	.....
	Pens, mechanical pencils, and pen points	2	.....
	Soda fountains, beer dispensing equipment, and related products	1	.....
	Sporting and athletic goods not elsewhere classified	2	. ....
	CITY OF NORFOLK		
1	Biscuit, crackers, and pretzels	1	..... .
	Canned and dried fruits and vegetables (including canned soups)	2	....
	Cooking and other edible fats and oils, not elsewhere classified	1	. .....
	Flavoring extracts and flavoring sirups, not elsewhere classified	2	.....
	Flour and other grain-mill products	1	.....
	Food preparations, not elsewhere classified	3	28
	Ice, manufactured	8	66
	Malt liquors	2	.....
	Meat packing, wholesale	1	.....
	Prepared feeds (including mineral) for animals and fowls	3	76
	Quick-frozen foods	1	..... .
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	2	.. ....
3	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	1	.....
	Rayon broad woven goods—regular factories or jobbers engaging contractors	1	.....
4	Canvas products (except bags)	2	.. ...
	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	1	.....
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	1	.....
	Miscellaneous fabricated textile products not elsewhere classified	1	.....
	Textile bags—not made in textile mills	3	.....

See footnote at end of table.

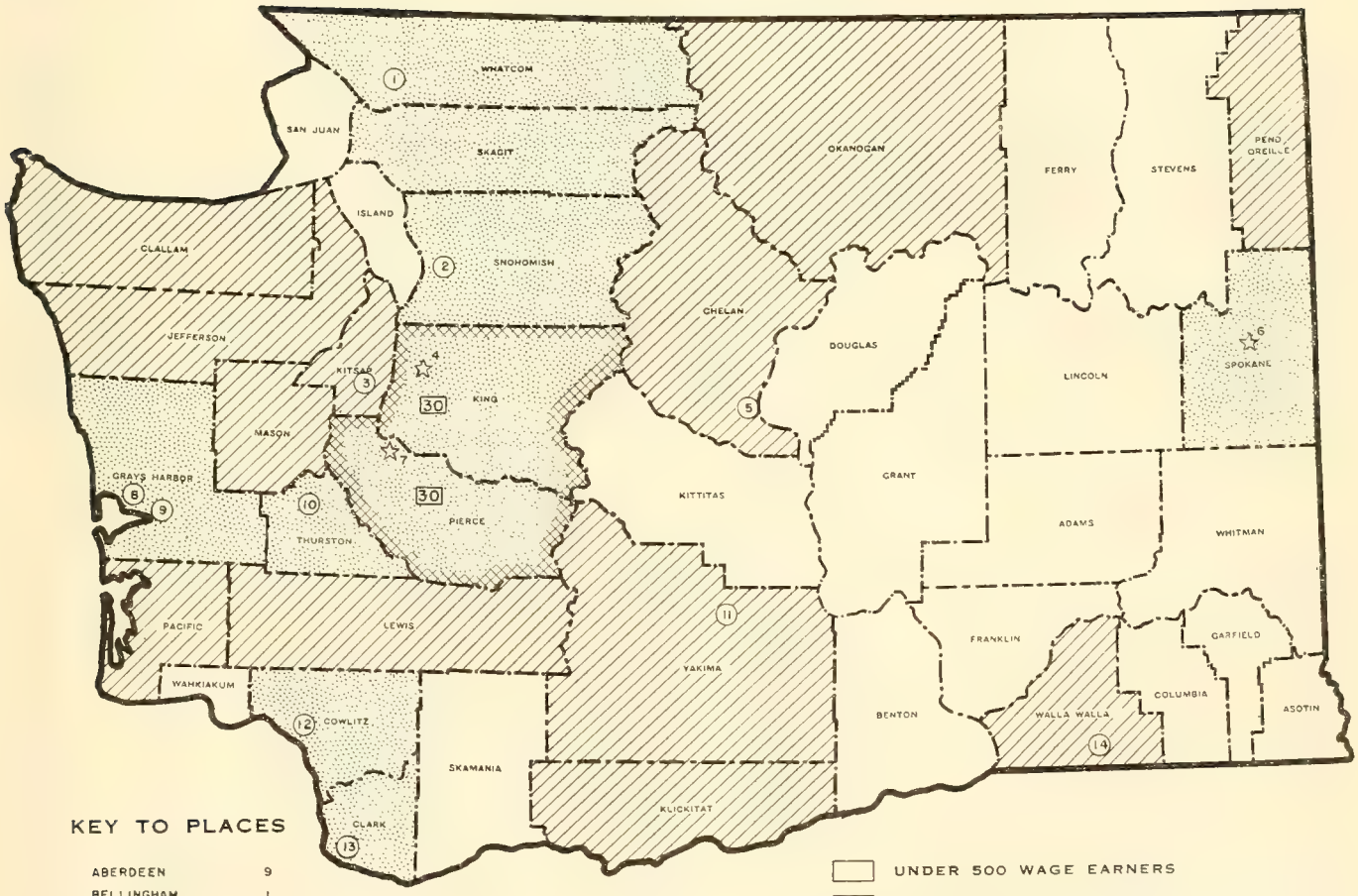
TABLE 11.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE AND FOR NORFOLK AND RICHMOND: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	CITY OF NORFOLK—Continued		
5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	1	
6	Baskets for fruits and vegetables	1	
	Caskets, coffins, burial cases, and other morticians' goods	1	
	Cooperage	1	
	Cork products	1	
	Mattresses and bedsprings	3	76
	Partitions, shelving, cabinet work, and office and store fixtures	3	
	Upholstered household furniture	1	
	Window shades	1	
	Wooden boxes except cigar boxes	1	
7	Paper bags, except those made in paper mills	1	
8	Machine and hand typesetting (including advertisement typesetting)	2	
	Newspapers: publishing and printing	4	155
	Periodicals: publishing and printing	1	
	Periodicals: publishing without printing	1	
	Photoengraving, not done in printing establishments (including preparation of plates)	2	
9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	3	30
	Insecticides, fungicides, and related industrial and household chemical compounds	2	
	Paints, varnishes, and lacquers	1	
	Soybean oil, cake, and meal	1	
	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	1	
10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	1	
11	Rubber products not elsewhere classified	1	
12	Industrial leather belting and packing leather	1	
13	Concrete products	3	36
14	Oil burners, domestic and industrial	1	
	Power boilers and associated products	1	
	Wirework not elsewhere classified	1	
15	Silverware and plated ware	1	
17	Elevators, escalators, and conveyors	1	
	Industrial machinery, not elsewhere classified	1	
	Machine-shop products, not elsewhere classified	1	
	Machine-shop repairs	6	100
	Office and store machines not elsewhere classified	1	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	1	
19	Boat building and boat repairing	2	
20	Signs, advertising displays, and advertising novelties	5	20
	CITY OF RICHMOND		
1	Baking powder, yeast, and other leavening compounds	1	
	Biscuit, crackers, and pretzels	2	
	Condensed and evaporated milk	1	
	Cooking and other edible fats and oils, not elsewhere classified	1	
	Custom slaughtering, wholesale	2	
	Flavoring extracts and flavoring sirups, not elsewhere classified	4	112
	Flour and other grain-mill products	2	
	Food preparations, not elsewhere classified	3	20
	Malt liquors	1	
	Meat packing, wholesale	3	565
	Pickled fruits and vegetables and vegetable sauces and seasonings	2	
	Prepared feeds (including mineral) for animals and fowls	1	
2	Cigarettes	5	
	Cigars	1	
	Tobacco (chewing and smoking) and snuff	2	
3	Dyeing and finishing cotton, rayon, silk, and linen textiles	1	
	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	1	
4	Canvas products (except bags)	3	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	1	
	Housefurnishings (except curtains, draperies, and bedspreads)	1	
	CITY OF RICHMOND—Continued		
4	Men's and boys' hats and caps (except felt and straw)	1	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	2	
	Millinery	3	
	Miscellaneous fabricated textile products not elsewhere classified	1	
6	Cooperage	1	
	Household furniture, except upholstered	2	
	Partitions, shelving, cabinet work, and office and store fixtures	3	77
	Upholstered household furniture	1	
	Window shades	2	
	Wood products not elsewhere classified	1	
7	Converted paper products not elsewhere classified	1	
	Envelopes	1	
	Paper and paperboard mills	4	741
	Paper bags, except those made in paper mills	5	
8	Books: printing without publishing	2	
	Books: publishing without printing	2	
	Electrotyping and stereotyping, not done in printing establishments	2	
	Engraving (steel, copperplate, and wood); plate printing	2	
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	1	
	Machine and hand typesetting (including advertisement typesetting)	2	
	Newspapers: publishing and printing	4	233
	Newspapers: publishing without printing	2	
	Periodicals: publishing without printing	4	6
9	Bluing	1	
	Cleaning and polishing preparations, blackings, and dressings	1	
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	2	
	Drugs and medicines (including drug grinding)	5	37
	Grease and tallow (except lubricating greases)	1	
	Paints, varnishes, and lacquers	5	30
	Perfumes, cosmetics, and other toilet preparations	3	
10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	2	
12	Industrial leather belting and packing leather	2	
	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	1	
	Saddlery, harness, and whips	1	
13	Brick and hollow structural tile	1	
	Minerals and earths, ground or otherwise treated	1	
	Mirrors and other glass products made of purchased glass	1	
14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semi-vitreous china sanitary ware)	1	
	Power boilers and associated products	2	
	Stamped and pressed metal products (except automobile stampings)	1	
	Steel works and rolling mills	2	
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	2	
	Tin cans and other tinware not elsewhere classified	1	
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	1	
	Electroplating, plating, and polishing	1	
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	1	
	Sheet-metal work not specifically classified	2	
	Tin and other foils (except gold and silver foil)	2	
17	Machine-shop products, not elsewhere classified	1	
	Machine-shop repairs	6	38
	Mechanical power-transmission equipment	1	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	1	
19	Locomotives (including frames) and parts: railroad, mining, and industrial	1	
20	Brooms	1	
	Brushes	1	
	Games and toys (except dolls and children's vehicles)	1	
	Hand stamps, stencils, and brands	1	
	Soda fountains, beer dispensing equipment, and related products	1	
	Sporting and athletic goods not elsewhere classified	2	

[1] For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and of industry groups, sec. 27.

WASHINGTON

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939



KEY TO PLACES

ABERDEEN	9
BELLINGHAM	1
BREMERTON	3
EVERETT	2
HOQUIAM	8
LONGVIEW	12
OLYMPIA	10
SEATTLE	4
SPOKANE	6
TACOMA	7
VANCOUVER	13
WALLA WALLA	14
WENATCHEE	5
YAKIMA	11

UNDER 500 WAGE EARNERS

500 TO 2,499 WAGE EARNERS

2,500 OR MORE WAGE EARNERS

PLACES OF 10,000 TO 99,999 POPULATION

PLACES OF 100,000 OR MORE POPULATION

INDUSTRIAL AREA:

30 SEATTLE-TACOMA AREA

WASHINGTON

Table 1.—SUMMARY FOR THE STATE: 1939, 1937, AND 1929

CENSUS YEAR	Number of establishments	Proprietors and firm members	Number of persons employed in manufacturing [1]	Salaries and wages [1]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2]	Value of products [2]	Value added by manufacture [3]
1939	3,240	2,263	101,136	$143,412,064	$350,002,546	$636,649,809	$286,647,263
1937	3,057	1,952	114,268	155,060,775	380,320,890	675,639,592	295,318,702
1929	3,591	2,129	121,920	185,305,492	414,034,147	766,852,015	352,817,868

[1] Figure for 1939 does not include data for employees of manufacturing establishments (except salaried officers of corporations) who were engaged in distribution, construction, and other nonmanufacturing work. For detail, see table 8. It is not known to what extent data for such nonmanufacturing employees were included in figures reported for earlier years. See General Explanations—Persons engaged—general classification.

[2] The aggregates for cost of materials, etc., and value of products include large amounts of duplication due to the use of the products of some industries as materials by others. See General Explanations—Duplication in cost of materials and value of products.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See General Explanations—Value added by manufacture.

Table 2.—SUMMARY FOR THE SEATTLE-TACOMA INDUSTRIAL AREA, COUNTIES, AND PLACES: 1939

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
The State	1,736,191	[5] 3,240	90,324	$118,326,333	$350,002,546	$636,649,809	$286,647,263
Seattle-Tacoma Industrial Area [6]	687,061	1,539	36,853	50,708,151	178,018,521	302,226,607	124,208,086
COUNTIES [5]							
Adams [7]	6,209	4	33	------	------	------	------
Asotin	8,365	7	62	50,300	279,459	367,348	87,889
Benton	12,053	17	115	82,172	957,428	1,317,750	360,322
Chelan	34,412	60	1,007	899,958	2,168,633	4,424,014	2,255,381
Clallam	21,848	45	1,714	2,246,665	7,568,844	14,360,486	6,791,642
Clark	49,852	66	3,629	4,570,025	16,873,477	29,430,719	12,557,242
Columbia [7]	5,549	7	142	------	------	------	------
Cowlitz	40,155	70	6,101	8,461,429	14,777,918	33,949,037	19,171,119
Douglas	8,651	6	7	8,020	34,032	62,425	28,393
Ferry	4,701	11	113	109,388	163,790	393,704	229,914
Franklin	6,307	4	13	15,960	39,662	91,268	51,606
Garfield	3,383	5	10	9,627	95,961	145,526	49,565
Grant	14,668	6	17	20,760	43,687	95,423	51,736
Grays Harbor	53,166	124	6,685	8,996,609	17,335,613	36,253,366	18,917,753
Island	6,098	7	22	16,465	69,615	121,523	51,908
Jefferson [7]	8,918	25	667	------	------	------	------
King	504,980	1,216	24,252	33,953,902	87,246,531	173,038,445	85,791,914
Kitsap	44,387	38	932	1,319,650	2,886,080	5,458,564	2,572,484
Kittitas	20,230	31	318	338,748	1,250,546	2,171,927	921,381
Klickitat	11,357	33	608	745,729	641,606	1,847,138	1,205,532
Lewis	41,393	88	1,697	1,905,619	4,637,569	8,358,450	3,720,881
Lincoln	11,361	10	88	96,610	316,824	525,245	208,421
Mason	11,603	35	1,509	2,145,092	3,751,986	8,771,784	5,019,798
Okanogan	24,546	26	1,031	1,020,553	825,799	2,985,047	2,159,248
Pacific	15,928	55	2,222	2,606,785	3,123,581	7,672,463	4,548,882
Pend Oreille	7,156	16	511	720,742	1,555,823	3,016,345	1,460,522
Pierce	182,081	323	12,601	16,754,249	90,771,990	129,188,162	38,416,172
San Juan	3,157	8	129	116,037	604,122	948,084	343,962
Skagit	37,650	95	2,515	2,760,389	10,276,688	17,918,612	7,641,924
Skamania	4,633	7	231	253,058	393,203	1,028,159	634,956
Snohomish	88,754	178	7,028	9,697,874	18,119,035	39,301,230	21,182,195
Spokane	164,652	259	5,482	6,784,913	29,590,338	48,821,066	19,230,728
Stevens	19,275	27	344	352,741	586,078	1,360,200	774,122
Thurston	37,285	52	2,553	3,495,259	7,284,813	15,437,509	8,152,696
Wahkiakum	4,286	10	420	597,684	1,338,356	2,617,526	1,279,170
Walla Walla	30,547	35	510	527,393	3,112,630	5,082,913	1,970,283
Whatcom	60,355	111	2,571	3,200,278	8,739,436	15,956,705	7,217,269
Whitman	27,221	19	65	52,956	403,584	675,267	271,683
Yakima	99,019	104	2,370	2,352,538	7,881,422	14,137,460	6,256,038
Undistributed [5]	------	36	842	1,040,156	4,256,387	9,318,919	5,062,532

See footnotes at end of table.

TABLE 2.—SUMMARY FOR THE SEATTLE-TACOMA INDUSTRIAL AREA, COUNTIES, AND PLACES: 1939—Con.

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2] [3]	Value of products [2] [3]	Value added by manufacture [4]
PLACES HAVING 10,000 OR MORE INHABITANTS							
Aberdeen	18,846	41	2,107	$2,979,543	$5,980,888	$12,444,015	$6,463,127
Bellingham	29,314	57	1,398	1,811,175	4,333,911	8,253,164	3,919,253
Bremerton	15,134	15	64	110,406	197,847	476,146	278,299
Everett	30,224	68	2,656	3,816,760	8,738,455	18,384,504	9,646,049
Hoquiam	10,835	31	1,811	2,392,874	6,376,822	12,566,214	6,189,392
Longview [9]	12,385	13	81				
Olympia	13,254	27	1,654	2,258,905	4,717,363	9,331,287	4,613,924
Seattle	368,302	1,083	20,352	28,742,946	77,273,005	152,748,418	75,475,413
Spokane	122,001	224	4,108	5,235,498	22,562,992	38,021,148	15,458,156
Tacoma	109,408	253	8,649	11,529,635	36,116,545	62,055,686	25,939,141
Vancouver [9]	18,788	39	1,330				
Walla Walla	18,109	23	425	451,697	2,737,858	4,458,183	1,720,325
Wenatchee	11,620	25	348	309,252	1,125,154	2,036,185	911,031
Yakima	27,221	46	1,007	993,906	3,780,223	6,672,526	2,892,303

[1] Not including salaried officers and employees or nonmanufacturing wage earners. The figure for each county or place is an average of the numbers reported for the several months of the year. In calculating it, equal weight must be given to full-time and to part-time wage earners (not reported separately by the manufacturers), and for this reason it exceeds the number that would have been required to perform the work done in the industries if all wage earners had been continuously employed throughout the year. The quotient obtained by dividing the amount of wages by the average number of wage earners cannot, therefore, be accepted as representing the average wage received by full-time wage earners. Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several counties do not add exactly to the average for the State. In making comparisons between the figures for 1939 and those for earlier years, the possibility that the proportion of part-time employment varied from year to year should be taken into account.

[2] Profits and losses cannot be calculated from the census figures because no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, and advertising.

[3] See GENERAL EXPLANATION—Duplication in cost of materials and value of products.

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

[5] For numbers of establishments by "Industry groups," see table 11.

[6] The Seattle-Tacoma Industrial Area comprises King and Pierce Counties. For statistics by industries for the area, see table 9.

[7] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Undistributed" figures.

[8] The "Undistributed" figure for number of establishments and a part of the "Undistributed" figure for number of wage earners are included above in the items for the respective counties. The sums of the figures in these two columns are therefore larger than the corresponding State totals.

[9] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments.

TABLE 3. PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, BY SEX: 1939 AND 1929

[The 1939 questionnaire, for the first time, called for data on the *total* number of employees in manufacturing establishments, including those engaged wholly or chiefly in distribution, construction, and other nonmanufacturing activities. It is not known to what extent data for such employees were included in the figures reported for earlier years. This table presents detailed figures for employees receiving pay at any time within the *normal* pay-roll period ended nearest Oct. 14, 1939, and for such employees on the pay roll on Dec. 14, 1929, or on the nearest *representative* date. The total for "Wage earners engaged in manufacturing" is not identical with the average for the year given in other tables, and differs from the number reported for October 1939 or for December 1929, because for both years some manufacturers gave wage-earner figures [illegible] other than those specified. See GENERAL EXPLANATIONS—Persons engaged—general classification]

CLASS AND SEX	1939 (Oct. 14) [1]	1929 (Dec. 14) [1]
All persons engaged [2]	126,002	121,935
Male	107,878	109,688
Female	18,124	12,247
Salaried officers and employees, total	18,510	13,188
Male	15,138	10,421
Female	3,372	2,767
Salaried officers of corporations, total	1,886	2,464
Male	1,751	2,333
Female	135	131
All other employees (except wage earners in manufacturing), total	16,624	10,724
Male	13,387	8,088
Female	3,237	2,636

CLASS AND SEX	1939 (Oct. 14) [1]	1929 (Dec. 14) [1]
Salaried officers and employees—Continued.		
All other employees, etc.—Continued		
Engaged in manufacturing:		
Male	6,910	(3)
Female	2,016	
Engaged in distribution:		
Male	4,402	
Female	1,144	
Engaged in construction:		
Male	1,580	
Engaged in other work:		
Male	495	
Female	77	
Wage earners engaged in manufacturing, total	107,492	108,747
Male	92,740	99,267
Female	14,752	9,480

[1] See headnote.
[2] Figures for 1939 include data for 2,263 proprietors and firm members for 1939 and 2,129 for 1929, which were not reported by sex for 1939.
[3] None.

TABLE 4.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS: 1939, 1937, AND 1929

[The figures for 1929 relate to wage earners engaged in manufacturing only. It is not known to what extent the figures for earlier years include data for nonmanufacturing wage earners. See headnote to table 3]

YEAR	Average number employed during year [1]	NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH —											
		January	February	March	April	May	June	July	August	September	October	November	December
1939	90,324	76,602	76,481	80,467	85,047	90,264	92,246	92,589	96,995	104,694	101,830	95,957	90,716
1937	101,260	82,714	86,982	98,817	102,399	106,494	110,620	114,244	113,750	115,570	107,986	93,635	81,903
1929	108,732	92,881	93,856	105,960	109,747	113,511	113,916	113,216	117,185	118,248	119,364	110,224	96,686

[1] See GENERAL EXPLANATIONS—Wage earners and wages.

TABLE 5.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY NUMBER OF WAGE EARNERS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS	VALUE ADDED BY MANUFACTURE [2]
	1939	1929	1939	1929	1939	1939
All establishments	3,240	3,591	90,324	108,732	$636,649,809	$286,647,263
No wage earners	150	107	....	.....	4,251,021	2,009,879
1 to 5	1,494	1,750	3,967	4,731	35,026,871	15,280,635
6 to 20	912	926	9,751	10,034	70,185,310	30,267,229
21 to 50	328	390	10,545	12,689	68,955,899	30,871,814
51 to 100	161	165	11,438	12,006	77,808,764	36,010,454
101 to 250	127	160	20,079	25,491	157,436,726	68,992,001
251 to 500	50	69	17,331	22,496	100,788,364	53,317,473
501 to 1,000	14	19	9,888	12,670	38,605,429	26,564,718
1,001 or more	4	5	7,325	8,615	83,591,425	23,333,060

[1] See headnotes to tables 3 and 4.

[2] See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 6.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY VALUE OF PRODUCTS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
All establishments	3,240	3,591	90,324	108,732	$636,649,809	$766,852,015	$286,647,263	$352,817,868
$5,000 to $19,999	1,238	1,333	3,429	3,273	13,784,424	14,765,290	8,394,469	9,534,254
$20,000 to $49,999	763	786	4,937	4,681	24,267,860	25,137,961	12,905,328	15,140,948
$50,000 to $99,999	430	459	5,580	5,538	30,831,281	32,171,658	15,539,652	17,650,167
$100,000 to $249,999	388	474	11,401	12,634	62,218,797	74,707,508	30,430,280	37,885,912
$250,000 to $499,999	155	212	8,224	11,892	55,146,573	74,627,186	24,628,398	35,390,370
$500,000 to $999,999	139	151	15,180	16,233	97,468,611	108,491,211	42,938,284	49,676,323
$1,000,000 to $2,499,999	88	139	20,700	32,445	137,669,355	203,781,610	65,481,437	100,705,661
$2,500,000 to $4,999,999	29	24	11,660	12,454	96,076,584	84,733,285	51,412,291	46,117,801
$5,000,000 and over	10	13	9,213	9,582	119,186,324	148,436,306	34,917,124	40,716,432

[1] See headnotes to tables 3 and 4.

[2] See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 7.—ESTABLISHMENTS CLASSIFIED AS UNDER CORPORATE OR OTHER FORM OF OWNERSHIP (OR CONTROL) AND AS UNDER CENTRAL-ADMINISTRATIVE-OFFICE OR INDEPENDENT OPERATION: 1939 AND 1929

TYPE OF OWNERSHIP OR CONTROL, AND OF OPERATION	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
Total	3,240	3,591	90,324	108,732	$636,649,809	$766,852,015	$286,647,263	$352,817,868
TYPE OF OPERATION								
1939 [3]								
Corporate ownership or control:								
Central-administrative-office (plural-unit)	543	(3)	47,795	(3)	397,267,685	(3)	166,432,723	(3)
Independent (single-unit)	1,055	(3)	31,572	(3)	180,400,363	(3)	91,904,976	(3)
Noncorporate ownership:								
Central-administrative-office (plural-unit)	79	(3)	1,225	(3)	8,631,308	(3)	3,078,574	(3)
Independent (single-unit)	1,563	(3)	9,732	(3)	50,350,453	(3)	25,230,990	(3)
1939 AND 1929 [3]								
Central-administrative-office (plural-unit), corporate and noncorporate	622	323	49,020	27,489	405,898,993	313,278,624	169,511,297	106,346,054
Independent (single-unit), corporate and noncorporate	2,618	3,268	41,304	81,243	230,750,816	453,573,391	117,135,966	246,471,814
TYPE OF OWNERSHIP OR CONTROL								
Corporate	1,598	1,797	79,367	98,739	577,668,048	712,579,806	258,337,699	323,082,470
Noncorporate, total	1,642	1,794	10,957	9,993	58,981,761	54,272,209	28,309,564	29,735,398
Individual	1 106	(4)	6,446	(4)	32,895,249	(4)	16,227,745	(4)
Partnership	490	(4)	3,990	(4)	20,948,564	(4)	10,629,496	(4)
Cooperative	38	(4)	506	(4)	5,023,311	(4)	1,384,913	(4)
Other	8	(4)	15	(4)	114,637	(4)	67,410	(4)

[1] See headnotes to tables 3 and 4.

[2] See GENERAL EXPLANATIONS—Value added by manufacture.

[3] Because of changes in the questionnaire, no comparable figures for 1929 can be given for the first section of this table. For this reason, the items have been regrouped under "1939 and 1929" to present comparable figures so far as this can be done.

[4] No data.

TABLE 8.—GENERAL STATISTICS FOR

This table presents separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments, are given, however, reported larger numbers of wage earners or

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1]: Total [1]	Salaried officers of corporations [3]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [4]	Distribution	Construction	Other
1		All industries, total	3,210	2,263	108,834	1,886	8,926	90,324	5,546	1,580	572
2	17	Agricultural machinery (except tractors)	5	1	82	11	10	53	8		
3	16	Batteries, storage and primary (dry and wet)	4	1	43	2	5	33	3		
4	1	Biscuit, crackers, and pretzels	17	8	582	10	33	443	85	3	8
5	19	Boat building and boat repairing	11	14	85	4	3	77	1		
6	8	Bookbinding and related industries	9	8	45	2	3	37	3		
7	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	330	330	3,105	71	182	2,485	326	7	34
8	13	Brick and hollow structural tile	13	4	279	14	12	238	15		
9	20	Brooms	3	4	19		2	13	4		
10	20	Brushes	4	2	61	6	4	50	1		
11	1	Candy and other confectionery products	31	19	704	23	44	472	165		
12	1	Canned and dried fruits and vegetables (including canned soups)	78	28	4,061	45	297	3,658	43	12	6
13	1	Canned fish, crustacea, and mollusks	41	17	931	28	75	799	13	16	
14	4	Canvas products (except bags)	5	2	64	4	6	38	16		
15	6	Caskets, coffins, burial cases, and other morticians' goods	10	7	132	12	16	96	8		
16	13	Cement	6		638	2	88	546	2		
17	1	Cereal preparations	3	1	33	3	4	15	11		
18	1	Cheese	14	10	74	2	14	51	6	1	
19	9	Chemicals not elsewhere classified	4	1	212	1	39	128	37		7
20	9	Coal-tar products, crude and intermediate	3		27	3	4	20			
21	4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	8	5	89	13	2	66	7		1
22	9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	9		101	3	19	58	21		
23	13	Concrete products	38	8	528	37	41	392	45	9	4
24	1	Condensed and evaporated milk	11	1	262	4	17	234	7		
25	17	Construction and similar machinery (except mining and oil-field machinery and tools)	6		365	12	15	314	18	2	4
26	7	Converted paper products not elsewhere classified	4	1	506		37	468	1		
27	3	Cordage and twine	4	1	71	9	4	54	4		
28	1	Creamery butter	109	66	1,048	39	160	564	267	6	12
29	1	Cured fish	11	6	194	6	19	137	26	2	4
30	4	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	5	3	97		7	85	4	1	
31	20	Dental equipment and supplies	4	4	10			7	3		
32	9	Drugs and medicines (including drug grinding)	10	6	44	4	5	27	8		
33	16	Electrical appliances	7	3	43	6	2	32	2		1
34	15	Electroplating, plating, and polishing	3	3	18	1		17			
35	8	Electrotyping and stereotyping, not done in printing establishments	4	3	16	3	1	11	1		
36	8	Engraving (steel, copperplate, and wood); plate printing	4	3	56	4	4	45	3		
37	7	Envelopes	3	1	43	2	5	29	7		
38	9	Explosives	4	1	346	1	32	284	19	10	
39	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	11	10	56	5	5	43	3		
40	9	Fertilizers	6	3	28	2	4	19	3		
41	9	Fish and other marine oils, cake, and meal	3	1	32	2	5	23	1	1	
42	1	Flavoring extracts and flavoring sirups, not elsewhere classified	6	7	50	3	5	23	19		
43	1	Flour and other grain-mill products	26	15	1,336	16	149	850	314	6	1
44	1	Food preparations, not elsewhere classified	24	14	179	15	14	122	28		
45	17	Food-products machinery	7	1	69	6	12	49	2		
46	12	Footwear (except rubber)	6	5	106	4	8	80	14		
47	14	Forgings, iron and steel—made in plants not operated in connection with rolling mills	5		96	4	14	65	12	1	
48	4	Fur coats and other fur garments, accessories, and trimmings	16	13	157	13	9	111	24		
49	8	General commercial (job) printing	147	122	1,102	84	137	778	103		
50	16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	6	1	123	8	31	80	4		
51	9	Glue and gelatin	5		83	4	13	58	7	1	
52	14	Gray-iron and semisteel castings	28	23	471	24	29	402	10	6	
53	20	Hand stamps, stencils, and brands	5	2	59	4	3	39	13		
54	4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	6	3	151	5	8	124	13		1
55	6	Household furniture (except upholstered)	25	14	1,303	18	92	1,138	50	5	
56	1	Ice cream and ices	41	16	411	13	59	190	139	4	6
57	1	Ice, manufactured	33	9	333	25	20	179	87	7	15
58	12	Industrial leather belting and packing leather	3	3	4			4			
59	17	Industrial machinery, not elsewhere classified	6	1	419	8	39	344	22	6	
60	9	Insecticides, fungicides, and related industrial and household chemical compounds	14	5	49	3	11	31	4		
61	15	Jewelry (precious metals)	10	12	53		5	41	7		
62	3	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	10	6	155	6	14	120	15		
63	12	Leather gloves and mittens	5	5	66	1	4	58	3		
64	13	Lime	5	1	189	3	21	151	4	10	
65	8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	12	5	267	26	37	173	29	1	1
66	5	Logging camps and logging contractors (not operating sawmills)	231	247	8,001	89	319	7,152	59	328	54

See footnotes at end of table.

THE STATE, BY INDUSTRIES: 1939

and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures, larger values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
		Manufacturing												
Total [2]	Salaries of officers of corporations [3]	Salaries [3]	Wages	Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
155,878,058	7,707,262	17,378,469	118,326,333	9,346,392	2,216,891	902,711	350,002,546	329,882,548	7,926,348	6,396,052	5,797,598	636,649,809	286,647,263	1
115,096	36,006	11,379	50,258	17,453	----------	----------	103,587	101,157	387	2,043	----------	276,388	172,801	2
69,768	9,662	11,588	44,285	4,233	----------	----------	199,349	191,264	2,645	5,440	----------	277,668	78,319	3
716,865	57,220	69,236	420,762	149,162	5,577	14,908	1,193,250	1,145,245	28,480	19,525	----------	2,794,478	1,601,228	4
130,624	12,600	3,825	113,419	780	----------	----------	118,851	114,227	164	2,920	1,540	305,897	187,046	5
49,043	2,250	2,275	41,491	3,027	----------	----------	34,324	29,030	169	1,060	4,065	122,989	88,665	6
4,678,267	214,732	348,351	3,756,418	325,276	9,469	24,021	7,274,396	6,899,022	169,965	205,409	----------	16,363,218	9,088,822	7
359,106	32,416	17,723	281,931	27,036	----------	----------	156,469	54,085	90,150	12,234	----------	555,436	398,967	8
20,087	----------	603	15,390	4,094	----------	----------	29,651	29,271	109	271	----------	59,089	29,438	9
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	10
814,777	89,497	63,411	415,299	246,570	----------	----------	1,415,308	1,385,911	17,457	11,940	----------	2,649,500	1,234,192	11
3,424,179	160,858	382,847	2,800,045	52,752	19,164	8,513	11,734,185	11,434,951	210,901	78,623	9,710	19,700,116	7,965,931	12
683,896	82,733	101,797	480,818	11,355	6,818	375	3,053,843	3,019,272	23,498	11,073	----------	5,250,215	2,196,372	13
100,127	14,690	10,502	50,903	24,032	----------	----------	178,839	177,238	476	1,125	----------	299,310	120,471	14
211,328	40,696	27,867	123,505	17,460	----------	1,800	287,378	279,920	2,088	5,370	----------	625,624	338,246	15
1,179,008	12,300	224,111	936,903	4,285	1,409	----------	2,855,616	1,021,489	1,387,419	446,708	----------	8,421,286	5,565,670	16
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	17
103,197	15,000	26,214	51,472	9,071	1,440	----------	845,724	827,091	10,770	7,363	500	1,073,949	228,225	18
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	19
(5)	(5)	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	20
130,065	42,773	6,717	68,189	10,529	----------	1,857	191,947	190,183	355	1,409	----------	373,782	181,835	21
191,658	16,200	39,563	93,006	42,889	----------	----------	194,243	156,894	1,489	35,860	----------	770,275	576,032	22
848,190	138,358	67,594	539,865	83,696	14,777	3,900	1,487,775	1,450,673	7,043	26,186	3,873	3,006,631	1,518,856	23
351,630	12,005	30,489	297,531	11,509	96	----------	4,326,964	4,213,425	84,192	24,538	4,809	5,595,641	1,268,677	24
745,276	83,744	28,088	590,813	38,234	1,973	2,424	992,132	948,134	24,519	15,288	4,191	1,887,776	895,644	25
(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	----------	(5)	----------	(5)	(5)	26
103,892	31,120	7,100	58,302	7,370	----------	----------	198,029	190,776	1,411	5,842	----------	408,355	210,326	27
1,380,305	97,726	236,268	691,811	324,339	11,021	19,140	10,233,779	9,903,027	189,769	140,983	----------	12,716,037	2,482,258	28
222,374	36,430	32,187	103,306	37,208	8,469	4,774	1,065,568	1,056,958	3,646	4,022	942	1,486,879	421,311	29
77,243	----------	11,926	58,671	5,696	950	----------	302,702	298,415	----------	1,888	2,399	470,720	168,018	30
12,052	----------	----------	8,932	3,120	----------	----------	11,620	11,326	127	167	----------	44,764	33,144	31
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	32
53,835	9,525	2,364	39,038	1,800	----------	1,108	96,038	94,420	228	1,390	----------	167,927	71,889	33
29,358	1,200	----------	28,158	----------	----------	----------	12,573	10,063	1,206	1,304	----------	61,929	49,356	34
42,613	18,600	2,380	19,333	2,300	----------	----------	13,449	10,188	966	1,987	308	72,467	59,018	35
104,685	14,721	7,631	75,333	7,000	----------	----------	52,256	46,591	261	753	4,651	198,966	146,710	36
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	37
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	38
79,914	11,989	4,103	58,218	5,604	----------	----------	122,358	112,194	858	2,588	6,718	269,447	147,089	39
38,564	6,050	7,234	21,170	4,110	----------	----------	386,597	383,473	----------	3,124	----------	496,166	109,569	40
28,033	5,500	3,169	17,654	1,196	514	----------	112,336	106,580	3,312	2,444	----------	150,983	38,647	41
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	42
2,286,141	100,135	316,841	1,316,654	545,595	6,016	900	18,979,821	18,733,085	13,688	233,048	----------	25,018,207	6,038,386	43
202,952	51,402	19,953	96,281	35,316	----------	----------	1,020,349	1,001,215	10,869	7,584	681	1,481,943	461,594	44
117,606	20,320	24,591	69,093	3,602	----------	----------	131,229	119,228	1,495	3,910	6,596	322,885	191,656	45
149,934	14,100	14,894	99,738	21,202	----------	----------	241,212	236,730	1,195	3,287	----------	443,793	202,581	46
142,894	12,748	22,338	87,705	19,299	804	----------	271,507	251,987	8,868	10,652	----------	594,501	322,994	47
241,501	60,612	18,404	137,308	25,177	----------	----------	179,833	170,945	335	4,103	4,450	473,393	293,560	48
1,750,168	241,904	218,695	1,096,351	193,218	----------	----------	1,563,476	1,388,570	11,417	41,390	122,099	4,443,772	2,880,296	49
213,861	18,010	61,866	127,880	6,105	----------	----------	450,722	444,461	1,690	4,571	----------	913,803	463,081	50
152,525	16,130	27,259	87,748	20,667	721	----------	1,582,131	1,570,969	1,871	8,705	586	2,285,324	703,193	51
683,401	69,542	59,085	530,749	20,792	3,233	----------	448,175	351,867	65,116	28,313	2,879	1,540,599	1,092,424	52
76,411	6,791	5,065	51,153	13,402	----------	----------	58,354	56,053	495	1,806	----------	181,155	122,801	53
132,134	15,659	12,565	87,788	15,679	----------	443	164,598	162,611	335	1,652	----------	356,938	192,340	54
1,569,600	100,379	191,287	1,165,512	104,627	7,795	----------	1,964,648	1,918,501	2,529	43,618	----------	4,219,711	2,255,063	55
644,927	52,839	75,454	242,082	263,324	3,042	8,186	1,792,813	1,713,885	19,588	59,340	----------	3,491,311	1,698,498	56
482,373	120,967	35,754	204,264	91,259	7,676	22,453	219,541	52,414	12,591	154,536	----------	1,188,636	969,095	57
6,359	----------	----------	6,359	----------	----------	----------	20,860	20,234	123	503	----------	33,348	12,488	58
717,900	42,472	85,653	536,683	49,795	3,297	----------	683,554	625,536	22,867	22,691	12,460	1,767,322	1,083,768	59
82,859	5,507	15,711	34,960	26,381	----------	300	179,740	175,127	2,827	1,636	150	391,750	212,010	60
70,037	----------	5,473	59,188	5,376	----------	----------	67,936	63,573	394	721	3,248	174,763	106,827	61
125,734	19,552	16,064	75,939	14,179	----------	----------	218,689	212,832	1,784	4,073	----------	422,030	203,341	62
54,639	2,220	7,318	43,524	1,577	----------	----------	115,562	114,283	467	812	----------	200,446	84,884	63
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	64
500,631	106,214	65,182	259,129	68,545	1,561	----------	419,269	388,941	2,171	6,716	21,441	1,091,671	672,402	65
10,628,724	364,084	728,664	8,907,987	101,888	461,317	64,784	11,893,018	9,111,890	711,835	10,955	2,058,338	28,215,604	16,322,586	66

TABLE 8.—GENERAL STATISTICS FOR THE

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [1]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Others
1	9	Lubricating oils and greases—not made in petroleum refineries	4	2	17	.....	3	5	4	5	.....
2	1	Macaroni spaghetti, vermicelli, and noodles	11	7	131	13	8	87	23	.....	.....
3	8	Machine and hand typesetting (including advertisement typesetting)	12	13	47	5	5	33	4	.....	.....
4	17	Machine-shop products, not elsewhere classified	44	34	481	29	67	352	29	4	.....
5	17	Machine-shop repairs	54	51	312	23	27	253	7	1	1
6	17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	4	3	16	.....	4	11	1	.....	.....
7	1	Malt liquors	14	.....	1,031	27	118	562	253	52	19
8	6	Mattresses and bedsprings	13	9	212	3	9	183	15	.....	2
9	1	Meat packing, wholesale	40	30	1,898	31	164	1,245	399	30	29
10	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	4	2	59	4	6	36	9	.....	4
11	4	Millinery	7	9	142	3	14	107	18	.....	.....
12	17	Mining machinery and equipment	3	1	194	5	18	137	14	4	16
13	13	Mirrors and other glass products made of purchased glass	8	4	46	1	6	31	7	.....	1
14	20	Miscellaneous fabricated products not elsewhere classified	4	4	19	2	2	15	.....	.....	.....
15	4	Miscellaneous fabricated textile products not elsewhere classified	4	3	27	.....	5	21	1	.....	.....
16	20	Models and patterns (except paper patterns)	7	9	18	2	1	15	.....	.....	.....
17	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	8	2	122	7	8	94	17	.....	.....
18	18	Motor vehicles, motor-vehicle bodies, parts and accessories	17	17	465	9	34	350	72	.....	.....
19	8	Newspapers publishing and printing	128	110	3,381	65	1,117	1,467	732	.....	.....
20	8	Newspapers publishing without printing	12	7	156	1	148	3	4	.....	.....
21	1	Nonalcoholic beverages	35	26	300	19	19	99	162	.....	1
22	15	Nonferrous-metal foundries (except aluminum)	14	8	107	15	9	74	7	.....	2
23	15	Nonferrous-metal products not elsewhere classified	5	7	47	1	2	38	3	.....	3
24	14	Oil burners, domestic and industrial	3	1	17	3	4	9	1	.....	.....
25	9	Paints, varnishes, and lacquers	16	4	189	19	11	71	71	.....	17
26	7	Paper and paperboard mills	13	.....	3,536	7	241	3,137	21	130	.....
27	7	Paperboard containers and boxes not elsewhere classified	13	2	598	19	42	511	17	9	.....
28	6	Partitions, shelving, cabinet work, and office and store fixtures	10	4	144	17	8	109	10	.....	.....
29	9	Perfumes, cosmetics, and other toilet preparations	4	.....	50	7	6	32	5	.....	.....
30	8	Periodicals: publishing and printing	11	6	244	12	33	152	47	.....	.....
31	8	Periodicals: publishing without printing	34	20	158	21	108	.....	29	.....	.....
32	8	Photoengraving, not done in printing establishments (including preparation of plates)	14	8	112	14	16	66	16	.....	.....
33	1	Pickled fruits and vegetables and vegetable sauces and seasonings	8	8	52	5	2	43	2	.....	.....
34	5	Planing mills not operated in conjunction with sawmills	87	35	3,651	68	208	3,234	125	12	4
35	5	Plywood mills	11	1	3,258	17	120	3,076	17	16	12
36	13	Pottery products not elsewhere classified	5	4	15	3	1	11	.....	.....	.....
37	1	Poultry dressing and packing, wholesale	24	18	169	4	7	152	6	.....	.....
38	14	Power boilers and associated products	14	9	246	13	33	184	16	.....	.....
39	1	Prepared feeds (including mineral) for animals and fowls	67	30	573	17	59	422	62	10	3
40	1	Preserves, jams, jellies, and fruit butters	4	.....	86	7	7	62	10	.....	.....
41	7	Pulp mills	19	.....	4,481	8	506	3,850	15	34	68
42	1	Quick-frozen foods	10	1	609	9	35	558	4	.....	3
43	16	Radios, radio tubes, and phonographs	4	.....	20	3	3	11	3	.....	.....
44	17	Refrigerators, domestic (mechanical and absorption); refrigeration machinery and equipment, and complete air-conditioning units	7	4	45	3	6	36	.....	.....	.....
45	11	Rubber products not elsewhere classified	4	2	43	3	6	29	5	.....	.....
46	1	Salad dressings	6	6	107	6	18	67	15	1	.....
47	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	14	13	133	4	12	89	28	.....	.....
48	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	419	372	33,142	229	1,377	30,117	464	754	201
49	14	Saws	5	2	126	4	10	86	26	.....	.....
50	15	Sheet-metal work not specifically classified	31	28	312	11	33	246	22	.....	.....
51	19	Shipbuilding and ship repairing	30	25	1,603	24	87	1,484	5	3	.....
52	20	Signs, advertising displays, and advertising novelties	25	19	266	14	44	177	31	.....	.....
53	9	Soap and glycerin	5	1	58	7	8	34	9	.....	.....
54	20	Sporting and athletic goods not elsewhere classified	13	7	143	12	10	113	8	.....	.....
55	14	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	3	2	16	3	1	9	3	.....	.....
56	14	Stamped and pressed metal products (except automobile stampings)	3	2	18	1	4	13	.....	.....	.....
57	13	Steam and other packing; pipe and boiler covering	3	2	13	.....	1	10	2	.....	.....
58	14	Steel castings	3	.....	90	5	6	74	5	.....	.....
59	17	Stokers, mechanical, domestic and industrial	4	2	22	1	3	11	7	.....	.....
60	14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	7	1	280	9	23	228	19	1	.....
61	12	Suitcases, brief cases, bags, and other luggage	5	2	78	4	7	60	7	.....	.....
62	20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	5	1	35	2	3	26	4	.....	.....
63	14	Tin cans and other tinware not elsewhere classified	5	.....	437	2	58	375	2	.....	.....
64	14	Tools (except edge tools, machine tools, files, and saws)	3	1	15	1	.....	14	.....	.....	.....
65	4	Trousers (semidress), wash suits, and washable service apparel	3	5	22	.....	2	19	1	.....	.....
66	6	Upholstered household furniture	24	20	353	11	25	292	25	.....	.....
67	6	Venetian blinds	8	9	44	.....	3	41	.....	.....	.....
68	1	Vinegar and cider	7	1	56	3	6	45	2	.....	.....
69	6	Window shades	3	3	6	.....	1	5	.....	.....	.....
70	1	Wines	16	7	152	17	22	88	23	.....	2

See footnotes at end of table

STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	
14,712	----------	3,909	4,039	5,797	967	----------	18,427	17,164	758	505	----------	61,227	42,800	1
141,738	28,518	8,816	72,155	32,249	----------	----------	364,176	346,496	4,708	12,752	220	633,704	269,528	2
84,087	10,790	6,192	63,625	3,480	----------	----------	13,431	8,167	2,579	2,428	257	170,333	156,902	3
703,541	74,326	100,626	487,111	39,759	1,719	----------	886,951	851,186	7,898	26,403	1,464	1,891,182	1,004,231	4
477,530	67,624	42,643	357,628	7,885	1,525	225	386,951	358,261	5,189	17,795	5,706	1,191,458	804,507	5
20,387	----------	6,678	13,087	622	----------	----------	8,250	7,729	84	437	----------	41,262	33,012	6
1,975,529	224,384	271,711	933,187	480,448	35,658	30,141	3,278,157	3,134,445	63,252	80,460	----------	9,072,536	5,794,379	7
271,539	10,200	17,750	198,527	42,826	----------	2,236	514,181	504,234	893	8,038	1,016	1,057,617	543,436	8
2,832,080	161,405	284,038	1,631,348	668,931	41,994	44,364	21,819,947	21,558,219	127,855	117,468	16,405	26,124,641	4,304,694	9
83,006	12,925	11,455	32,521	21,951	----------	4,154	63,408	60,972	65	2,371	----------	188,045	124,637	10
129,092	12,201	16,102	73,831	26,958	----------	----------	116,849	114,630	406	1,813	----------	319,931	203,082	11
367,088	69,729	36,882	195,333	32,618	5,734	26,792	645,927	629,530	8,117	8,280	----------	1,023,159	377,232	12
72,309	3,000	4,470	56,970	6,669	----------	1,200	81,222	78,226	871	1,561	564	186,224	105,002	13
24,772	3,700	4,355	16,717	----------	----------	----------	17,084	15,345	468	389	882	45,213	28,129	14
24,048	----------	6,216	16,532	1,300	----------	----------	64,372	62,603	75	894	800	122,413	58,041	15
25,263	6,400	276	18,587	----------	----------	----------	12,359	10,966	453	940	----------	70,078	57,719	16
187,367	17,975	7,621	139,546	22,225	----------	----------	140,838	129,725	1,772	9,341	----------	499,973	359,135	17
782,646	42,540	79,714	520,230	140,162	----------	----------	1,539,397	1,520,154	2,182	7,962	9,099	2,350,341	810,944	18
6,067,742	374,709	1,867,842	2,525,495	1,299,696	----------	----------	3,068,462	2,690,574	32,326	108,174	237,388	13,091,936	10,023,474	19
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	20
567,899	63,353	29,053	158,812	314,001	----------	2,680	921,902	894,470	9,219	18,213	----------	2,168,584	1,246,682	21
178,818	54,818	10,773	96,501	14,780	----------	1,946	166,867	145,490	4,854	3,658	12,865	416,180	249,313	22
66,860	10,000	3,740	43,948	6,557	----------	2,615	61,587	57,523	801	2,387	876	178,935	117,348	23
31,442	13,385	4,562	12,023	1,472	----------	----------	53,992	48,579	304	720	4,389	94,994	41,002	24
333,301	77,647	23,497	91,689	119,744	----------	20,724	940,747	929,991	1,727	9,029	----------	1,519,511	578,764	25
5,549,895	71,366	664,525	4,539,148	52,371	222,485	----------	17,416,041	15,656,368	918,781	840,713	179	33,961,138	16,545,097	26
810,924	88,062	80,601	591,037	34,377	16,847	----------	2,347,587	2,327,449	9,370	9,101	1,667	4,358,057	2,010,470	27
205,417	33,815	13,358	146,326	11,918	----------	----------	171,569	162,851	588	5,538	2,592	428,568	256,999	28
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	29
367,263	53,422	69,280	200,335	44,226	----------	----------	118,343	105,899	1,545	7,754	3,145	667,911	549,568	30
311,086	105,077	166,055	----------	39,954	----------	----------	465,020	17,763	----------	40	447,217	1,052,621	587,601	31
273,891	58,472	25,852	166,707	22,860	----------	----------	72,602	61,295	1,222	5,582	4,503	494,875	422,273	32
47,934	5,640	3,226	35,266	3,802	----------	----------	148,327	146,175	1,376	776	----------	222,461	74,134	33
4,704,537	313,212	370,123	3,772,801	225,811	18,935	3,655	10,387,312	10,089,723	17,584	231,259	48,746	17,332,815	6,945,503	34
5,217,904	120,486	277,063	4,672,810	96,348	40,307	10,890	8,116,533	7,870,534	----------	245,999	----------	17,907,465	9,790,932	35
13,520	2,923	1,200	9,397	----------	----------	----------	7,196	4,233	2,063	900	----------	37,737	30,541	36
189,452	9,085	13,016	159,740	7,611	----------	----------	1,030,203	1,016,731	8,109	5,363	----------	1,507,896	477,693	37
362,503	46,400	54,316	236,852	24,935	----------	----------	483,820	465,982	2,451	12,819	2,568	993,181	509,361	38
714,635	45,558	87,840	476,776	77,920	23,221	3,320	9,000,407	8,887,884	19,230	83,926	9,367	11,616,203	2,615,796	39
117,754	24,500	17,694	55,451	14,429	----------	5,680	491,455	483,221	4,701	3,533	----------	616,746	125,291	40
7,701,623	62,779	1,323,035	5,956,883	68,447	111,391	179,088	20,219,364	18,179,766	1,175,454	864,144	----------	37,288,183	17,068,819	41
381,036	35,213	47,176	284,160	6,199	6,816	1,472	1,560,700	1,539,313	7,388	13,999	----------	2,630,320	1,069,620	42
33,163	8,250	5,164	13,370	6,379	----------	----------	32,780	31,390	525	865	----------	81,099	48,319	43
77,995	6,630	14,461	56,904	----------	----------	----------	92,580	90,365	524	1,691	----------	209,869	117,289	44
64,329	6,000	8,662	38,806	10,861	----------	----------	50,231	45,272	2,126	2,833	----------	159,417	109,186	45
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	46
213,551	8,580	18,255	134,868	51,848	----------	----------	1,670,727	1,649,813	9,999	10,915	----------	2,080,661	409,934	47
46,072,671	1,044,346	3,128,736	39,861,253	791,856	940,054	306,426	51,528,783	47,951,012	778,013	687,762	2,111,996	123,604,988	72,076,205	48
232,957	14,572	20,220	151,794	46,371	----------	----------	149,224	138,393	4,078	5,353	1,400	517,474	368,250	49
436,192	40,192	42,024	316,403	37,573	----------	----------	619,324	608,716	1,209	8,217	1,182	1,331,565	712,241	50
2,851,607	107,960	231,554	2,493,779	13,233	5,081	----------	2,741,474	2,571,364	18,865	50,245	101,000	6,381,417	3,639,943	51
466,786	62,608	72,530	260,893	70,755	----------	----------	229,477	215,963	4,328	8,126	1,060	980,582	751,105	52
96,753	20,411	12,380	46,540	17,422	----------	----------	136,023	133,992	1,715	316	----------	250,098	114,075	53
116,658	20,324	10,568	77,979	7,787	----------	----------	227,617	153,496	311	1,901	71,909	427,295	199,678	54
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	55
28,348	3,600	6,417	18,331	----------	----------	----------	35,369	33,765	319	780	505	73,238	37,869	56
17,521	----------	900	14,071	2,550	----------	----------	18,915	18,205	213	497	----------	59,942	41,027	57
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	58
29,770	960	4,745	16,255	7,810	----------	----------	36,176	34,665	778	733	----------	84,272	48,096	59
444,935	81,266	43,141	282,484	37,544	500	----------	382,320	362,597	11,118	8,605	----------	983,132	600,812	60
109,019	28,053	11,533	64,421	5,012	----------	----------	166,168	163,153	866	2,149	----------	339,128	172,960	61
51,377	6,800	5,928	34,785	3,864	----------	----------	30,897	27,618	30	1,004	2,245	150,273	119,376	62
597,623	6,900	119,028	466,128	3,199	2,368	----------	7,301,926	7,252,267	23,822	25,837	----------	10,032,960	2,731,034	63
21,134	2,700	----------	18,434	----------	----------	----------	18,849	12,717	2,378	840	2,914	50,154	31,305	64
(5)	----------	(5)	(5)	(5)	----------	----------	(5)	(5)	----------	(5)	----------	(5)	(5)	65
464,978	17,925	45,373	353,968	47,712	----------	----------	756,418	744,957	2,070	9,329	62	1,474,390	717,972	66
38,305	----------	2,967	35,338	----------	----------	----------	124,263	122,451	464	1,348	----------	202,316	78,053	67
44,094	4,575	5,087	33,757	675	----------	----------	195,903	187,477	4,257	4,169	----------	370,583	174,680	68
4,708	----------	1,300	3,408	----------	----------	----------	17,749	17,369	----------	380	----------	27,352	9,603	69
200,863	38,887	40,903	91,277	28,714	----------	1,082	589,010	574,223	8,301	5,186	1,300	1,208,811	619,801	70

TABLE 8.—GENERAL STATISTICS FOR THE

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [1]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [1]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
	14	Wirework not elsewhere classified	7	4	115	8	7	87	13	------	------
2	4	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors	3	1	87	3	7	77	------	------	------
3	4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	9	8	234	4	20	198	8	------	4
4	6	Wooden boxes (except cigar boxes)	17	10	881	16	45	809	11	------	------
5	6	Wood preserving	11	2	402	8	34	351	9	------	------
6	6	Wood products not elsewhere classified	16	8	208	11	22	160	15	------	------
7	17	Woodworking machinery	10	3	257	10	23	215	8	1	------
8	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	10	8	741	17	35	598	87	2	2
9		Other industries [6]	216	99	12,531	168	1,783	10,082	385	87	26
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]									
10	1	Food and kindred products	22	14	484	19	67	352	45	1	------
11	4	Apparel and other finished products made from fabrics and similar materials	23	21	698	18	32	598	50	------	------
12	7	Paper and allied products	10	2	682	5	61	608	8	------	------
13	8	Printing, publishing, and allied industries	16	10	256	6	183	35	32	------	------
14	9	Chemicals and allied products	36	12	768	19	99	557	73	10	10
15	12	Leather and leather products	4	2	22	2	1	19	------	------	------
16	13	Stone, clay, and glass products	22	4	715	16	59	601	20	17	2
17	14	Iron and steel and their products, except machinery	22	14	1,181	26	104	1,028	21	2	------
18	17	Machinery (except electrical)	13	4	377	9	62	280	26	------	------
19	20	Miscellaneous industries	18	8	260	19	19	200	19	3	------
	6	Furniture and finished lumber products	6	3	315	7	19	268	20	1	------
	10	Products of petroleum and coal	4	------	110	3	8	69	25	5	------
	15	Nonferrous metals and their products	9	2	1,409	7	123	1,204	14	47	14
20	19	Transportation equipment except automobiles	5	------	4,925	7	916	3,974	28	------	------
	3	Textile-mill products and other fiber manufactures	4								
	16	Electrical machinery	1	3	329	5	30	289	4	1	------
	18	Automobiles and automobile equipment	1								

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.
[2] Figures do not include data for personnel of central-administrative offices.
[3] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
193,475	29,550	13,701	122,903	27,321	----------	----------	544,293	535,348	488	8,157	300	1,037,066	492,773	1
(5)	(5)	(5)	(5)	----------	----------	----------	(5)	(5)	----------	(5)	----------	(5)	(5)	2
198,558	19,000	21,774	145,095	11,005	----------	1,684	298,555	294,546	191	2,705	1,113	634,165	335,610	3
1,020,039	85,730	91,370	820,965	16,574	2,100	3,300	1,157,087	1,109,294	41	43,114	4,638	2,776,478	1,619,391	4
544,385	17,502	73,410	430,664	22,809	----------	----------	3,054,663	2,972,111	61,324	21,228	----------	4,341,579	1,286,916	5
246,387	24,542	33,046	183,364	5,435	----------	----------	382,279	360,751	826	20,702	----------	811,803	429,524	6
424,279	39,213	41,737	323,544	18,094	1,691	----------	385,645	366,524	4,465	14,656	----------	1,084,371	698,726	7
726,051	66,151	48,348	461,933	146,387	2,130	1,102	1,344,569	1,332,074	4,144	7,838	513	2,280,193	935,624	8
19,249,011	730,208	3,323,268	14,213,184	756,073	158,229	68,049	76,513,116	73,803,364	1,373,232	929,608	406,912	112,760,671	36,247,555	9
738,894	72,885	138,679	397,122	84,298	7,443	38,467	3,408,815	3,275,049	105,926	27,840	----------	5,090,432	1,681,617	10
684,756	63,730	45,272	485,215	90,539	----------	----------	2,133,140	2,120,936	2,932	9,272	----------	3,354,040	1,220,900	11
842,424	20,799	126,223	668,281	22,869	4,252	----------	3,936,968	3,901.980	2,355	8,419	24,214	6,968,008	3,031,040	12
369,986	29,739	247,875	45,981	46,391	----------	----------	543,694	189,546	662	2,529	350,957	1,492,665	948,971	13
1,282,629	70,443	244,978	797,480	153,225	9,364	7,139	5,296,785	4,728,203	203,487	364,263	832	9,784,402	4,487,617	14
31,106	7,200	802	23,104	----------	----------	----------	51,897	50,442	381	974	100	89,358	37,461	15
881,514	45,212	105,258	667,144	25,952	36,732	1,216	875,526	620,333	205,414	49,779	----------	2,340,575	1,465,049	16
2,205,053	140,337	275,528	1,705,638	75,890	7,660	----------	3,697,334	3,277,191	272,300	146,847	996	7,244,388	3,547,054	17
674,031	45,364	102,582	483,880	42,205	----------	----------	442,274	422,230	4,418	13,350	2,276	1,435,186	992,912	81
407,962	68,146	57,244	255,756	20,155	6,661	----------	715,321	693,201	5,544	12,990	3,586	1,403,296	687,975	19
11,130,656	166,353	1,978,827	8,683,583	194,549	86,117	21,227	55,411,362	54,524,253	569,813	293,345	23,951	73,558,321	18,146,959	20

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[6] For numbers of establishments and of wage earners in individual industries, see table 12.

TABLE 9.—GENERAL STATISTICS FOR THE SEATTLE-

This table presents, for the Seattle-Tacoma Industrial Area, separate figures for each industry for which it is possible to publish such figures without disclosing exact or ap- the industries for which combined figures are given, however, reported larger numbers

		INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1]						
					Total [2]	Salaried officers of corporations [2]	Manufacturing		Distribution	Construction	Other
							Salaried employees [2]	Wage earners (average for year) [3]			
1		Industries, total	1,539	958	46,338	1,149	4,324	36,853	3,462	323	227
2	17	Boilers, forging and primary dry and wet [a]	4	1	43	2	5	33	3		
3	1	Biscuits, crackers, and pretzels	12	6	422	9	23	332	48	3	7
4	19	Boat building and boat repairing	8	11	64	4	1	58	1		
5	8	Bookbinding and related industries	6	5	26	2	1	22	1		
6	1	Bread and other bakery products (except biscuits, crackers, and pretzels)	141	131	1,862	43	117	1,515	172	6	9
7	13	Brick and hollow structural tile	4		148	8	7	125	8		
8	1	Candy and other confectionery products	24	14	583	19	34	394	136		
9	1	Canned and dried fruits and vegetables (including canned soups)	16	6	771	10	54	695	11	1	
10	1	Canned fish, crustacea, and mollusks	6	2	46	10	4	31	1		
11	6	Caskets, coffins, burial cases, and other morticians' goods	4	2	25	6	1	18			
12	4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	8	5	89	13	2	66	7		1
13	9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	6		76	3	14	38	21		
14	13	Concrete products	20	6	326	20	18	255	25	4	4
15	1	Condensed and evaporated milk	3		33	2	1	25	5		
16	17	Construction and similar machinery (except mining and oil-field machinery and tools)	6		365	12	15	314	18	2	4
17	1	Creamery butter	17	7	159	8	15	69	64	2	1
18	1	Cured fish	8	5	144	5	13	102	22	2	
19	4	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	5	3	97		7	85	4	1	
20	20	Dental equipment and supplies	4	4	10			7	3		
21	9	Drugs and medicines (including drug grinding)	7	2	32	4	3	20	5		
22	15	Electroplating, plating, and polishing	3	3	18	1		17			
23	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills [a]	11	10	56	5	5	43	3		
24	9	Fertilizers [a]	6	3	28	2	4	19	3		
25	1	Flour and other grain-mill products	6	2	905	7	75	563	257	3	
26	1	Food preparations, not elsewhere classified [a]	19	13	134	10	11	89	24		
27	17	Food-products machinery	4	1	49	5	9	33	2		
28	4	Fur coats and other fur garments, accessories, and trimmings	16	13	157	13	9	111	24		
29	8	General commercial (job) printing	94	78	695	65	81	481	68		
30	16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	6	1	123	8	31	80	4		
31	9	Glue and gelatin	5		83	4	13	58	7	1	
32	14	Gray iron and semisteel castings	17	16	371	18	22	324	7		
33	20	Hair switches, stencils, and brands [a]	5	2	59	4	3	39	13		
34	4	Hosiery, uniforms, and aprons—made in inside factories or by jobbers engaging contractors [a]	6	3	151	5	8	124	13		1
35	8	Household furniture, except upholstered	17	10	839	15	56	726	37	5	
36	1	Ice cream and ices	19	6	237	4	33	111	84	3	2
37	1	Ice manufactured	12	3	158	11	7	85	40	3	12
38	9	Insecticides, fungicides, and related industrial and household chemical compounds	6	1	25	3	4	17	1		
39	15	Jewelry (precious metals)	10	12	53		5	41	7		
40	8	Lithographing and photolithographing (including preparation of stones or plates and dry transfers)	9	1	241	22	34	154	29	1	1
41	5	Logging camps and logging contractors (not operating sawmills)	22	19	734	15	28	633	6	27	25
42	9	Lubricating oils and greases—not made in petroleum refineries	4	2	17		3	5	4	5	
43	8	Machine and hand typesetting (including advertisement typesetting)	9	8	43	5	3	31	4		
44	17	Machine-shop products not elsewhere classified	29	19	271	21	29	194	27		
45	17	Machine-shop repairs	24	17	145	13	11	120			1
46	17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools [a]	4	3	16		4	11	1		
47	1	Malt liquors	4		371	10	29	189	135		8
48	6	Mattresses and bedsprings	8	6	157	1	7	133	14		2
49	1	Meat packing, wholesale	14	10	893	14	67	555	221	22	14
50	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	4	2	59	4	6	36	9		4
51	4	Millinery	7	9	142	3	14	107	18		
52	13	Mirrors and other glass products made of purchased glass [a]	8	4	46	1	6	31	7		1
53	4	Miscellaneous fabricated textile products not elsewhere classified	4	3	27		5	21	1		
54	20	Models and patterns (except paper patterns)	7	9	17	2	1	14			
55	18	Motor vehicles, motor-vehicle bodies, parts and accessories	14	9	408	9	31	298	70		
56	8	Newspapers: publishing and printing	32	26	1,641	19	469	734	419		
57	8	Newspapers: publishing without printing	9	7	27	1	19	3	4		
58	1	Nonalcoholic beverages	13	5	164	10	8	53	93		
59	15	Nonferrous-metal foundries (except aluminum)	11	5	100	15	7	69	7		2
60	15	Nonferrous-metal products not elsewhere classified	5	7	47	1	2	38	3		3
61	14	Oil burners, domestic and industrial	3	1	17	3	4	9	1		
62	9	Paints, varnishes, and lacquers	12	2	135	18	9	51	55		2
63	9	Perfumes, cosmetics, and other toilet preparations	4		50	7	6	32	5		
64	8	Periodicals: publishing and printing	8	2	209	11	25	133	40		
65	8	Periodicals: publishing without printing [a]	34	20	158	21	108		29		
66	8	Photoengraving, not done in printing establishments (including preparation of plates) [a]	14	8	112	14	16	66	16		

See footnotes at end of table.

TACOMA INDUSTRIAL AREA, BY INDUSTRIES: 1939

proximate data for individual establishments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of of wage earners or larger values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [3]	Salaries of officers of corporations [3]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
70,834,750	4,734,777	8,368,657	50,708,151	6,208,675	524,894	289,596	178,018,521	170,990,418	2,500,852	2,581,777	1,945,474	302,226,607	124,208,086	1
69,768	9,662	11,588	44,285	4,233	----------	----------	199,349	191,264	2,645	5,440	----------	277,668	78,319	2
508,264	53,620	45,788	308,009	82,293	5,089	13,465	906,241	874,165	17,630	14,446	----------	2,032,764	1,126,523	3
107,818	12,600	945	93,493	780	----------	----------	88,487	85,017	25	1,965	1,480	234,557	146,070	4
33,484	2,250	1,000	28,807	1,427	----------	----------	18,253	15,808	89	810	1,546	80,964	62,711	5
3,008,689	133,387	237,889	2,426,254	196,957	8,045	6,157	4,290,199	4,097,714	90,131	102,354	----------	9,990,045	5,699,846	6
210,485	20,400	9,323	163,923	16,839	----------	----------	86,306	32,381	45,044	8,881	----------	309,394	223,088	7
683,789	82,602	47,157	348,138	205,892	----------	----------	1,213,274	1,188,698	15,083	9,493	----------	2,240,509	1,027,235	8
693,275	18,960	82,411	572,261	18,116	1,527	----------	2,841,780	2,800,647	24,117	17,016	----------	4,385,068	1,543,288	9
59,170	21,500	8,683	27,067	1,920	----------	----------	200,200	197,358	2,068	774	----------	340,827	140,627	10
39,479	11,696	528	24,855	600	----------	1,800	78,311	77,021	624	666	----------	141,774	63,463	11
130,065	42,773	6,717	68,189	10,529	----------	1,857	191,947	190,183	355	1,409	----------	373,782	181,835	12
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	13
536,403	67,883	28,741	379,453	48,199	8,227	3,900	960,272	940,513	4,056	15,398	305	2,035,164	1,074,892	14
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	15
745,276	83,744	28,088	590,813	38,234	1,973	2,424	992,132	948,134	24,519	15,288	4,191	1,887,776	895,644	16
241,224	22,240	22,944	92,702	98,494	3,926	918	1,364,817	1,326,256	18,383	20,178	----------	1,809,331	444,514	17
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	18
77,243	----------	11,926	58,671	5,696	950	----------	302,702	298,415	----------	1,888	2,399	470,720	168,018	19
12,052	----------	----------	8,932	3,120	----------	----------	11,620	11,326	127	167	----------	44,764	33,144	20
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	21
29,358	1,200	----------	28,158	----------	----------	----------	12,573	10,063	1,206	1,304	----------	61,929	49,356	22
79,914	11,989	4,103	58,218	5,604	----------	----------	122,358	112,194	858	2,588	6,718	269,447	147,089	23
38,564	6,050	7,234	21,170	4,110	----------	----------	386,597	383,473	----------	3,124	----------	496,166	109,569	24
1,593,637	63,069	172,422	910,607	442,654	4,885	----------	12,849,608	12,722,648	6,386	120,574	----------	16,797,561	3,947,953	25
158,995	35,258	16,713	76,923	30,101	----------	----------	899,403	885,728	7,294	5,700	681	1,288,739	389,336	26
91,173	18,520	18,591	50,460	3,602	----------	----------	109,497	100,706	790	2,022	5,979	269,618	160,121	27
241,501	60,612	18,404	137,308	25,177	----------	----------	179,833	170,945	335	4,103	4,450	473,393	293,560	28
1,181,383	193,428	135,783	730,519	121,653	----------	----------	895,998	786,245	7,047	27,176	75,530	2,830,133	1,934,135	29
213,861	18,010	61,866	127,880	6,105	----------	----------	450,722	444,461	1,690	4,571	----------	913,803	463,081	30
152,525	16,130	27,259	87,748	20,667	721	----------	1,582,131	1,570,969	1,871	8,705	586	2,285,324	703,193	31
558,889	55,574	46,027	440,861	16,427	----------	----------	374,166	288,883	58,968	23,528	2,787	1,226,061	851,895	32
76,411	6,791	5,065	51,153	13,402	----------	----------	58,354	56,053	495	1,806	----------	181,155	122,801	33
132,134	15,659	12,565	87,788	15,679	----------	443	164,598	162,611	335	1,652	----------	356,938	192,340	34
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	35
400,257	31,759	35,888	145,929	183,388	1,693	1,600	1,223,769	1,191,801	7,553	24,415	----------	2,292,909	1,069,140	36
224,718	35,600	13,410	103,188	51,867	----------	20,653	91,805	24,234	9,391	58,180	----------	599,280	507,475	37
47,813	4,757	7,186	21,317	14,553	----------	----------	81,708	78,726	1,857	1,125	----------	231,009	149,301	38
70,037	----------	5,473	59,188	5,376	----------	----------	67,936	63,573	394	721	3,248	174,763	106,827	39
464,081	92,414	60,131	242,570	67,405	1,561	----------	374,458	345,270	2,111	5,944	21,133	988,946	614,488	40
1,195,408	59,847	73,913	977,508	10,060	38,114	35,966	1,284,547	1,078,595	84,813	726	120,413	2,917,548	1,633,001	41
14,712	----------	3,909	4,039	5,797	967	----------	18,427	17,164	758	505	----------	61,227	42,800	42
79,391	10,790	5,162	59,959	3,480	----------	----------	12,175	8,013	1,963	1,942	257	149,350	137,175	43
397,276	51,402	49,232	260,932	35,710	----------	----------	590,048	569,526	2,619	16,439	1,464	1,158,342	568,294	44
240,918	44,791	17,746	178,156	----------	----------	225	169,060	155,429	1,144	6,845	5,642	574,651	405,591	45
20,387	----------	6,678	13,087	622	----------	----------	8,250	7,729	84	437	----------	41,262	33,012	46
758,453	69,675	85,595	336,279	252,241	3,355	11,308	972,673	929,268	21,846	21,559	----------	2,806,044	1,833,371	47
211,590	3,900	14,024	149,780	41,650	----------	2,236	415,428	407,990	666	5,756	1,016	879,927	464,499	48
1,378,745	93,780	123,324	739,454	373,307	30,852	18,028	11,110,874	10,993,912	72,765	44,197	----------	13,147,927	2,037,053	49
83,006	12,925	11,455	32,521	21,951	----------	4,154	63,408	60,972	65	2,371	----------	188,045	124,637	50
129,092	12,201	16,102	73,831	26,958	----------	----------	116,849	114,630	406	1,813	----------	319,931	203,082	51
72,309	3,000	4,470	56,970	6,669	----------	1,200	81,222	78,226	871	1,561	564	186,224	105,002	52
24,048	----------	6,216	16,532	1,300	----------	----------	64,372	62,603	75	894	800	122,413	58,041	53
25,263	6,400	276	18,587	----------	----------	----------	12,359	10,966	453	940	----------	70,078	57,719	54
717,301	42,540	73,115	465,852	135,794	----------	----------	1,375,146	1,358,433	1,697	6,433	8,583	2,086,268	711,122	55
3,322,031	150,197	950,410	1,396,148	825,276	----------	----------	2,075,770	1,780,606	16,987	47,746	230,431	7,912,036	5,836,266	56
38,899	5,239	27,547	2,456	3,657	----------	----------	68,118	570	262	154	67,132	147,207	79,089	57
360,646	41,222	17,771	96,138	205,515	----------	----------	512,926	501,384	2,950	8,592	----------	1,225,948	713,022	58
173,694	54,818	9,980	92,170	14,780	----------	1,946	159,283	138,844	4,202	3,372	12,865	395,034	235,751	59
66,860	10,000	3,740	43,948	6,557	----------	2,615	61,587	57,523	801	2,387	876	178,935	117,348	60
31,442	13,385	4,562	12,023	1,472	----------	----------	53,992	48,579	304	720	4,389	94,994	41,002	61
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	62
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	63
324,389	52,902	55,102	180,882	35,503	----------	----------	108,172	96,815	1,480	6,732	3,145	602,723	494,551	64
311,086	105,077	166,055	----------	39,954	----------	----------	465,020	17,763	----------	40	447,217	1,052,621	587,601	65
273,891	58,472	25,852	166,707	22,860	----------	----------	72,602	61,295	1,222	5,582	4,503	494,875	422,273	66

TABLE 9.—GENERAL STATISTICS FOR THE SEATTLE-TACOMA

		INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1]						
					Total [2]	Salaried officers of corporations [2]	Manufacturing		Distribution	Construction	Other
							Salaried employees [2]	Wage earners (average for year) [3]			
1	1	Pickled fruits and vegetables and vegetable sauces and seasonings	5	6	34	3	1	30			
2	5	Planing mills not operated in conjunction with sawmills	37	12	1,646	38	83	1,435	81	8	1
3	5	Plywood mills	4	1	994	5	49	921	9	6	4
4	13	Pottery products not elsewhere classified	5	4	15	3	1	11			
5	1	Poultry dressing and packing, wholesale	11	11	129	4	6	115	4		
6	14	Power boilers and associated products	8	5	202	9	28	151	14		
7	1	Prepared feeds (including mineral) for animals and fowls	23	11	299	7	26	228	31	7	
8	1	Preserves, jams, jellies, and fruit butters	4		86	7	7	62	10		
9	1	Quick-frozen foods	5	1	361	7	23	325	3		8
10	17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	7	4	45	3	6	36			
11	11	Rubber products not elsewhere classified	4	2	43	3	6	29	5		
12	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	9	8	113	3	10	77	23		
13	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	76	51	8,607	63	334	7,848	150	132	80
14	15	Sheet-metal work not specifically classified	21	17	242	10	25	191	16		
15	19	Shipbuilding and ship repairing	25	23	1,446	20	81	1,340	5		
16	20	Signs, advertising displays, and advertising novelties	18	13	210	13	35	138	24		
17	20	Sporting and athletic goods not elsewhere classified [6]	13	7	143	12	10	113	8		
18	14	Stamped and pressed metal products (except automobile stampings)	3	2	18	1	4	13			
19	14	Steel castings	3		90	7	6	74	5		
20	12	Suitcases, brief cases, bags, trunks, and other luggage	5	2	78	4	7	60	7		
21	20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances [6]	5	1	35	2	3	26	4		
22	4	Trousers (semidress), wash suits, and washable service apparel	3	5	22		2	19	1		
23	6	Upholstered household furniture [6]	24	20	353	11	25	292	25		
24	6	Venetian blinds	8	9	44		3	41			
25	6	Window shades	3	3	6		1	5			
26	1	Wines	7	3	68	12	10	31	13		2
27	14	Wirework not elsewhere classified [6]	7	4	115	8	7	87	13		
28	4	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors	3	1	87	3	7	77			
29	4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors [6]	9	8	234	4	20	198	8		4
30	6	Wooden boxes except cigar boxes	11	10	347	6	13	320	8		
31	6	Wood preserving	6	2	145	8	13	115	9		
32	6	Wood products not elsewhere classified [6]	16	8	208	11	22	160	15		
33	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	10	8	741	17	35	598	87	2	2
34		Other industries [6]	362	167	16,479	332	1,961	13,382	691	84	29
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]									
35	1	Food and kindred products	40	23	589	37	64	392	93	3	
36	3	Textile-mill products and other fiber manufactures	15	8	207	15	19	155	17	1	
37	4	Apparel and other finished products made from fabrics and similar materials	27	22	748	22	35	628	63		
38	6	Furniture and finished lumber products	30	16	1,261	33	82	1,075	65	6	
39	7	Paper and allied products	22	4	1,022	23	103	873	23		
40	8	Printing, publishing, and allied industries	9	9	121	8	32	57	24		
41	9	Chemicals and allied products	52	9	993	45	122	654	150	10	12
42	12	Leather and leather products	13	8	150	7	10	121	12		
43	13	Stone, clay, and glass products	19	5	555	15	57	452	22	7	2
44	14	Iron and steel and their products, except machinery	39	14	1,999	42	202	1,674	77	4	
45	16	Electrical machinery	10	4	51	6	4	35	5		1
46	17	Machinery (except electrical)	27	8	918	26	104	723	64	1	
47	19	Transportation equipment except automobiles	28	23	6,227	27	989	5,178	33		
48	20	Miscellaneous industries	20	12	179	18	13	128	20		
49	10	Products of petroleum and coal	2	2	1,459	8	125	1,237	23	52	14
	15	Nonferrous metals and their products	9								

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.

[2] Figures do not include data for personnel of central-administrative offices.

[3] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Wage earners and wages.

[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.

INDUSTRIAL AREA, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
26,246	1,320	1,680	23,246	----	----	----	104,637	103,295	877	465	----	151,112	46,475	1
2,359,555	199,151	167,856	1,806,434	168,719	16,800	595	4,556,341	4,426,990	10,859	90,206	28,286	8,000,830	3,444,489	2
1,665,044	39,050	110,275	1,424,903	71,212	17,714	1,890	2,280,144	2,235,940	----	44,204	----	5,835,521	3,555,377	3
13,520	2,923	1,200	9,397	----	----	----	7,196	4,233	2,063	900	----	37,737	30,541	4
141,574	9,085	12,912	114,063	5,514	----	----	687,778	677,523	6,634	3,621	----	1,045,329	357,551	5
293,152	35,700	46,615	189,800	21,037	----	----	395,519	380,619	2,004	10,328	2,568	815,726	420,207	6
409,705	28,275	39,831	282,942	39,132	19,525	----	5,312,610	5,263,846	4,705	39,514	4,545	6,901,939	1,589,329	7
117,754	24,500	17,694	55,451	14,429	----	5,680	491,455	483,221	4,701	3,533	----	616,746	125,291	8
263,391	30,406	31,153	193,247	5,932	1,181	1,472	1,257,048	1,247,893	4,241	4,914	----	2,046,449	789,401	9
77,995	6,630	14,461	56,904	----	----	----	92,580	90,365	524	1,691	----	209,869	117,289	10
64,329	6,000	8,662	38,806	10,861	----	----	50,231	45,272	2,126	2,833	----	159,417	109,186	11
182,871	4,680	16,539	115,026	46,626	----	----	1,474,379	1,458,498	7,778	8,103	----	1,842,479	368,100	12
12,494,029	387,102	836,892	10,622,203	320,867	218,392	108,573	14,299,000	13,287,013	118,322	213,940	679,725	33,013,949	18,714,949	13
341,880	37,140	31,603	246,409	26,728	----	----	417,246	409,132	803	6,129	1,182	982,546	565,300	14
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	15
368,504	55,608	61,636	197,867	53,393	----	----	181,514	171,577	2,671	6,206	1,060	741,410	559,896	16
116,658	20,324	10,568	77,979	7,787	----	----	227,617	153,496	311	1,901	71,909	427,295	199,678	17
28,348	3,600	6,417	18,331	----	----	----	35,369	33,765	319	780	505	73,238	37,869	18
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	19
109,019	28,053	11,533	64,421	5,012	----	----	166,168	163,153	866	2,149	----	339,128	172,960	20
51,377	6,800	5,928	34,785	3,864	----	----	30,897	27,618	30	1,004	2,245	150,273	119,376	21
(5)	----	(5)	(5)	(5)	----	----	(5)	(5)	----	(5)	----	(5)	(5)	22
464,978	17,925	45,373	353,968	47,712	----	----	756,418	744,957	2,070	9,329	62	1,474,390	717,972	23
38,305	----	2,967	35,338	----	----	----	124,263	122,451	464	1,348	----	202,316	78,053	24
4,708	----	1,300	3,408	----	----	----	17,749	17,369	----	380	----	27,352	9,603	25
90,685	27,377	17,597	32,730	11,899	----	1,082	302,138	296,308	2,309	2,221	1,300	661,222	359,084	26
193,475	29,550	13,701	122,903	27,321	----	----	544,293	535,348	488	8,157	300	1,037,066	492,773	27
(5)	(5)	(5)	(5)	----	----	----	(5)	(5)	----	(5)	----	(5)	(5)	28
198,558	19,000	21,774	145,095	11,005	----	1,684	298,555	294,546	191	2,705	1,113	634,165	335,610	29
421,173	35,304	27,645	340,250	12,574	2,100	3,300	469,987	459,341	41	10,605	----	1,127,345	657,358	30
217,787	17,502	25,893	151,583	22,809	----	----	1,020,183	989,145	24,330	6,708	----	1,516,713	496,530	31
246,387	24,542	33,046	183,364	5,435	----	----	382,279	360,751	826	20,702	----	811,803	429,524	32
726,051	66,151	48,348	461,933	146,387	2,130	1,102	1,344,569	1,332,074	4,144	7,838	513	2,280,193	935,624	33
26,019,815	1,421,030	3,760,359	19,372,343	1,297,593	135,167	33,323	87,250,250	84,041,721	1,724,787	1,370,676	113,066	134,102,577	46,852,327	34
821,602	133,721	121,408	404,823	151,454	10,196	----	3,115,417	3,034,627	38,791	40,837	1,162	4,556,629	1,441,212	35
237,351	48,872	21,879	141,528	23,962	1,110	----	481,041	470,203	2,293	8,545	----	929,591	448,550	36
766,819	78,420	49,444	528,332	110,623	----	----	2,295,448	2,282,227	3,217	10,004	----	3,611,361	1,315,913	37
1,573,649	125,686	147,024	1,144,055	146,089	10,795	----	1,855,483	1,808,495	7,952	36,444	2,592	4,158,658	2,303,175	38
1,611,319	105,041	210,996	1,241,216	54,066	----	----	4,202,308	3,839,319	171,979	164,950	26,060	7,124,443	2,922,135	39
201,355	44,921	33,240	83,105	40,089	----	----	126,896	80,385	726	2,930	42,855	412,459	285,563	40
1,690,041	166,215	289,106	939,183	276,401	9,364	9,772	6,096,543	5,498,115	205,387	392,209	832	11,438,166	5,341,623	41
197,854	23,520	17,256	139,969	17,109	----	----	334,744	328,927	1,837	3,880	100	601,325	266,581	42
855,878	36,801	114,226	667,248	27,715	8,672	1,216	1,371,324	789,310	414,491	167,523	----	3,890,943	2,519,619	43
3,456,657	240,957	464,539	2,567,526	172,303	11,332	----	10,527,369	10,017,372	314,522	190,165	5,310	17,769,397	7,242,028	44
66,713	11,765	5,210	40,451	8,179	----	1,108	74,014	71,603	650	1,761	----	166,294	92,280	45
1,635,128	129,457	195,434	1,184,091	124,455	1,691	----	1,333,737	1,268,534	22,996	36,471	5,736	3,791,872	2,458,135	46
10,379,571	169,350	1,755,859	8,374,714	79,648	----	----	6,350,569	6,128,877	74,073	123,668	23,951	21,449,385	15,098,816	47
284,282	69,229	28,799	163,293	22,961	----	----	388,631	375,224	4,459	4,480	4,468	856,304	467,673	48
2,241,596	37,075	305,939	1,752,809	42,539	82,007	21,227	48,696,726	48,048,503	461,414	186,809	----	53,345,750	4,649,024	49

[6] For numbers of establishments and of wage earners in individual industries, see table 12.

[a] and [b] To avoid disclosing exact or approximate data for individual establishments, the data for certain establishments located outside the Seattle-Tacoma industrial area have been included in the figures for the industries to which these footnotes are indexed. Data for these establishments are not, however, included in the totals for the area.

[a] 1 establishment. [b] 2 establishments.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939

[This table presents, for each city in the State having 100,000 or more inhabitants, separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures are given, however, reported larger numbers of wage earners or larger values of products than some of those shown separately. No data for nonmanufacturing personnel, except salaried officers of corporations, are included in this table]

Code	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [1]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [2]
		SEATTLE										
	All industries, total	1,083	645	869	3,104	20,352	$3,512,563	$5,731,945	$28,742,946	$77,273,005	$152,748,418	$75,475,413
19	Boat building and boat repairing *	8	11	4	1	58	12,600	945	93,493	88,487	234,557	146,070
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	97	84	40	96	1,203	126,987	194,815	1,929,890	3,480,463	8,145,387	4,664,924
13	Brick and hollow structural tile *	4		8	7	125	20,400	9,323	163,923	86,306	309,394	223,088
1	Candy and other confectionery products	19	9	17	29	319	58,602	38,737	294,224	924,918	1,776,666	851,748
1	Canned and dried fruits and vegetables (including canned soups)	4	2	7	18	131	(4)	(4)	(4)	(4)	(4)	(4)
1	Canned fish, crustacea, and mollusks	6	2	10	4	31	21,500	8,683	27,067	200,200	340,827	140,627
4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	8	5	13	2	66	42,773	6,717	68,189	191,947	373,782	181,835
9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	6	.....	3	14	38	(4)	(4)	(4)	(4)	(4)	(4)
15	Concrete products	8	3	11	13	112	38,251	22,427	158,054	391,436	794,861	403,425
1	Creamery butter	7	3	3	8	33	7,803	12,050	43,784	811,013	1,107,084	296,071
4	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	5	3	.....	7	85	.....	11,926	58,671	302,702	470,720	168,018
20	Dental equipment and supplies	4	4	.....	..	7	.....	.....	8,932	11,620	44,764	33,144
16	Electrical appliances	4	2	2	2	11	2,315	2,364	14,827	26,601	54,793	28,192
15	Electroplating, plating, and polishing	3	3	1	.....	17	1,200	.....	28,158	12,573	61,929	49,356
14	Fabricated structural steel and ornamental metal work—made in plants not operated in connection with rolling mills	8	7	3	4	32	8,800	3,515	49,246	102,744	224,892	122,148
1	Flour and other grain-mill products	3	1	7	35	251	(4)	(4)	(4)	(4)	(4)	(4)
17	Food-products machinery	4	1	5	9	33	18,520	18,591	50,460	109,497	269,618	160,121
12	Footwear (except rubber)	3	2	3	6	24	(4)	(4)	(4)	(4)	(4)	(4)
4	Fur coats and other fur garments, accessories, and trimmings	16	13	13	9	111	60,612	18,404	137,308	179,833	473,393	293,560
8	General commercial (job) printing	79	65	52	62	376	155,282	111,002	617,827	717,828	2,333,408	1,615,580
16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	6	1	8	31	80	18,010	61,866	127,880	450,722	913,803	463,081
14	Gray-iron and semisteel castings	13	9	13	11	192	(4)	(4)	(4)	(4)	(4)	(4)
1	Ice cream and ices	13	3	2	27	72	11,315	27,214	86,999	901,492	1,740,046	838,554
1	Ice, manufactured	7	2	8	6	47	22,000	12,810	65,378	62,747	400,045	337,298
15	Jewelry (precious metals)	10	12		5	41	.....	5,473	59,188	67,936	174,763	106,827
17	Machine-shop products not elsewhere classified	25	15	21	21	152	51,402	31,038	201,810	536,503	969,317	432,814
17	Machine-shop repairs	19	13	11	9	83	39,991	12,128	120,390	113,892	401,775	287,883
6	Mattresses and bedsprings	8	6	1	7	133	3,900	14,024	149,780	415,428	879,927	464,499
1	Meat packing, wholesale	3		6	35	240	43,760	59,977	367,968	4,943,169	5,855,272	912,103
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	4	2	4	6	36	12,925	11,455	32,521	63,408	188,045	124,637
4	Millinery	7	9	3	14	107	12,201	16,102	73,831	116,849	319,931	203,082
4	Miscellaneous fabricated textile products not elsewhere classified	4	3		5	21	.....	6,216	16,532	64,372	122,413	58,041
20	Models and patterns (except paper patterns)	7	9	2	1	14	6,400	276	18,587	12,359	70,078	57,719
18	Motor vehicles, motor-vehicle bodies, parts and accessories *	14	9	9	31	298	42,540	73,115	465,852	1,375,146	2,086,268	711,122
8	Newspapers: publishing and printing	13	8	8	335	526	95,865	737,825	1,037,163	1,511,441	6,391,613	4,880,172
8	Newspapers: publishing without printing	9	7	1	19	3	5,239	27,547	2,456	68,118	147,207	79,089
1	Nonalcoholic beverages	9	3	7	5	34	35,222	7,291	62,905	338,584	821,407	482,823
15	Nonferrous-metal foundries (except aluminum)	8	3	13	7	60	53,165	9,980	79,916	140,587	350,564	209,977
15	Nonferrous-metal products not elsewhere classified	5	7	1	2	38	10,000	3,740	43,948	61,587	178,935	117,348
7	Paperboard containers and boxes not elsewhere classified	9	.....	15	22	191	(4)	(4)	(4)	(4)	(4)	(4)
6	Partitions, shelving, cabinet work, and office and store fixtures	7	2	11	7	72	19,700	10,780	97,547	113,921	277,125	163,204
9	Perfumes, cosmetics, and other toilet preparations	4	.....	7	6	32	(4)	(4)	(4)	(4)	(4)	(4)
8	Periodicals: publishing and printing	5	.....	11	21	103	52,902	47,482	159,843	90,741	518,357	427,616
8	Periodicals: publishing without printing [5]	34	20	21	108	.....	105,077	166,055	.....	465,020	1,052,621	587,601
8	Photoengraving, not done in printing establishments (including preparation of plates) *	11	7	10	13	60	43,412	19,912	149,667	66,090	423,777	357,687
1	Poultry dressing and packing, wholesale	7	10	3	5	95	7,285	11,112	97,951	572,515	898,754	326,239
1	Prepared feeds (including mineral) for animals and fowls	8	2	1	22	161	(4)	(4)	(4)	(4)	(4)	(4)

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
	SEATTLE—Continued											
1	Preserves, jams, jellies, and fruit butters	4	------	7	7	62	$24,500	$17,694	$55,451	$491,455	$616,746	$125,291
11	Rubber products not elsewhere classified	4	2	3	6	29	6,000	8,662	38,806	50,231	159,417	109,186
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments [6]	9	8	3	10	77	4,680	16,539	115,026	1,474,379	1,842,479	368,100
5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	15	3	18	79	1,351	121,446	194,730	1,897,235	4,782,936	8,395,814	3,612,878
15	Sheet-metal work not specifically classified	16	13	6	18	110	12,940	23,997	159,126	219,553	539,584	320,031
19	Shipbuilding and ship repairing	16	9	15	61	970	78,760	165,401	1,647,475	1,057,525	3,453,265	2,395,740
20	Signs, advertising displays, and advertising novelties [6]	12	7	10	34	122	43,368	60,804	173,787	125,278	584,883	459,605
20	Sporting and athletic goods not elsewhere classified	9	4	10	7	84	18,387	7,732	58,150	199,730	361,023	161,293
14	Stamped and pressed metal products (except automobile stampings)	3	2	1	4	13	3,600	6,417	18,331	35,369	73,238	37,869
12	Suitcases, brief cases, bags, trunks, and other luggage	5	2	4	7	60	28,053	11,533	64,421	166,168	339,128	172,960
4	Trousers (semidress), wash suits, and washable service apparel	3	5	------	2	19	(4)	(4)	(4)	(4)	(4)	(4)
6	Upholstered household furniture	16	17	2	21	188	3,270	37,037	238,089	551,463	1,059,633	508,170
6	Venetian blinds [6]	8	9	------	3	41	------	2,967	35,338	124,263	202,316	78,053
6	Window shades	3	3	------	1	5	------	1,300	3,408	17,749	27,352	9,603
14	Wirework not elsewhere classified [6]	7	4	8	7	87	29,550	13,701	122,903	544,293	1,037,066	492,773
4	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors	3	1	3	7	77	(4)	(4)	(4)	(4)	(4)	(4)
6	Wooden boxes except cigar boxes	6	5	2	10	126	(4)	(4)	(4)	(4)	(4)	(4)
6	Wood products not elsewhere classified	8	5	3	3	25	4,125	4,976	30,157	46,666	118,422	71,756
17	Woodworking machinery	5	------	6	15	119	25,020	23,815	188,880	233,870	692,805	458,935
	Other industries [5]	438	203	434	1,858	12,114	1,850,676	3,310,227	16,678,510	47,065,960	91,272,802	44,206,842
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	87	48	78	189	1,541	325,565	350,184	1,660,843	14,081,700	21,366,834	7,285,134
4	Apparel and other finished products made from fabrics and similar materials	44	30	46	92	1,376	173,830	124,397	1,090,201	3,776,344	6,276,898	2,500,554
6	Furniture and finished lumber products	26	16	22	34	413	71,940	62,222	491,925	1,526,863	2,614,569	1,087,706
7	Paper and allied products	16	2	20	46	309	92,961	78,280	354,309	1,712,525	2,968,348	1,255,823
8	Printing, publishing, and allied industries	26	16	34	63	232	140,025	83,748	369,052	471,055	1,449,485	978,430
9	Chemicals and allied products	48	9	47	59	266	169,440	111,007	344,700	4,189,332	6,490,301	2,300,969
12	Leather and leather products	11	7	6	10	82	18,720	17,256	94,081	229,194	391,794	162,600
13	Stone, clay, and glass products	22	11	16	42	238	36,563	81,525	344,067	834,803	2,564,484	1,729,681
14	Iron and steel and their products, except machinery	56	28	63	233	1,947	321,540	516,219	2,927,991	10,995,086	18,970,059	7,974,973
15	Nonferrous metals and their products	7	2	6	7	54	30,455	14,703	73,576	639,664	962,884	323,220
16	Electrical machinery	7	1	5	7	42	17,912	14,434	54,014	221,671	338,500	116,829
17	Machinery (except electrical)	30	10	31	109	881	175,541	202,824	1,497,729	1,944,780	4,686,736	2,741,956
20	Miscellaneous industries	23	10	21	17	164	76,820	38,887	216,352	437,629	1,062,163	624,534
5	Lumber and timber basic products	20	7	18	68	969						
3	Textile-mill products and other fiber manufactures	13	6	14	19	3,600	199,364	1,614,541	7,159,670	6,005,314	21,129,747	15,124,433
19	Transportation equipment except automobiles	2	------	7	863							
	SPOKANE											
	All industries, total	224	154	115	881	4,108	$540,207	$1,344,695	$5,235,498	$22,562,992	$38,021,148	$15,458,156
1	Biscuit, crackers, and pretzels	5	2	1	10	111	3,600	23,448	112,753	287,009	761,714	474,705
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	30	30	5	24	331	17,296	50,682	520,766	913,011	2,219,783	1,306,772
1	Candy and other confectionery products	3	2	2	6	54	(4)	(4)	(4)	(4)	(4)	(4)
6	Caskets, coffins, burial cases, and other morticians' goods	3	2	6	8	33	(4)	(4)	(4)	(4)	(4)	(4)
1	Creamery butter	9	5	3	19	67	11,862	28,702	72,792	1,166,262	1,439,969	273,707
1	Flour and other grain-mill products	3	------	1	28	140	2,600	58,306	237,689	3,557,873	4,792,005	1,234,132
1	Food preparations not elsewhere classified	5	1	5	3	33	16,144	3,240	19,358	120,946	193,154	72,208
8	General commercial (job) printing	19	18	4	20	116	15,741	28,894	154,804	242,350	657,109	414,759
1	Ice cream and ices	6	2	------	12	23	------	16,405	24,641	156,881	340,499	183,618
1	Ice, manufactured	4	------	4	1	13	13,850	440	14,816	18,112	100,190	82,078
8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	3	4	4	3	19	13,800	5,051	16,559	44,811	102,725	57,914
17	Machine-shop products not elsewhere classified	5	5	3	24	79	11,960	29,790	114,195	162,407	370,002	207,595

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Code	Industry	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
	SPOKANE—Continued											
17	Machine-shop repairs	5	9	1	2	25	$2,400	$2,273	$31,568	$42,596	$118,511	$75,915
1	Malt liquors	3	...	5	26	112	20,200	45,644	183,245	656,178	1,703,685	1,047,507
1	Meat packing, wholesale	7	9	2	70	493	29,060	125,360	642,326	7,557,989	9,209,866	1,651,877
8	Newspapers: publishing and printing	6	3	9	313	205	(4)	(4)	(4)	(4)	(4)	(4)
1	Nonalcoholic beverages	4	4	...	1	14	...	2,026	17,058	143,625	367,790	224,165
5	Planing mills not operated in conjunction with sawmills	12	3	13	65	992	71,271	101,203	1,057,094	2,616,895	4,519,887	1,902,992
1	Prepared feeds (including mineral) for animals and fowls	7	3	2	6	22	3,028	7,152	24,346	556,573	696,424	139,851
5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	4	1	5	30	562	(4)	(4)	(4)	(4)	(4)	(4)
17	Sheet-metal work, not specifically classified	5	5	1	6	36	3,052	7,677	45,956	158,784	268,947	110,163
	Other industries [5]	92	54	61	561	1,484	313,403	808,402	1,945,532	4,160,690	10,158,888	5,998,198
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	14	8	7	11	99	13,472	17,803	93,582	525,181	821,580	296,399
4	Apparel and other finished products made from fabrics and similar materials	3	3	...	5	37	...	7,614	22,271	45,630	102,708	57,078
6	Furniture and finished lumber products	12	6	16	15	153	56,559	26,371	161,924	358,307	725,967	367,660
8	Printing, publishing, and allied industries	13	9	10	440	239	42,583	597,483	405,838	683,699	2,792,332	2,108,633
9	Chemicals and allied products	8	2	3	11	36	18,486	23,574	45,300	351,429	601,248	249,819
13	Stone, clay, and glass products	7	3	4	6	40	21,000	10,416	48,490	163,017	358,957	195,940
14	Iron and steel and their products, except machinery	5	5	...	4	41	...	6,438	54,740	46,101	212,430	166,329
16	Electrical machinery	3	1	3	1	14	6,010	2,318	18,268	61,829	98,470	36,641
17	Machinery (except electrical)	6	1	7	19	137	72,076	34,314	177,153	568,578	879,902	311,324
19	Miscellaneous industries	10	10	4	10	48	9,617	11,768	68,223	56,893	247,834	190,941
3	Lumber and timber basic products	4	1	5	30	562						
7	Paper and allied products	2										
12	Leather and leather products	2										
15	Nonferrous metals and their products	1					73,600	70,303	819,743	1,300,026	3,317,460	2,017,434
18	Automobiles and automobile equipment	1	5	2	9	78						
19	Transportation equipment, except automobiles	1										
	TACOMA											
	All industries, total	253	152	193	695	8,649	$888,309	$1,462,039	$11,529,635	$36,116,545	$62,055,686	$25,939,141
1	Bread and other bakery products (except biscuits, crackers, and pretzels)	25	24	3	20	272	6,400	42,330	446,295	657,958	1,525,123	867,165
13	Concrete products	8	3	4	4	120	10,932	5,114	193,459	525,505	1,041,696	516,191
1	Creamery butter	5	3	3	...	7	4,275	...	9,176	132,925	167,057	34,132
1	Flour and other grain-mill products	3	1	...	40	312	(4)	(4)	(4)	(4)	(4)	(4)
8	General commercial (job) printing	15	13	13	19	105	38,146	24,781	112,692	178,170	496,725	318,555
14	Gray-iron and semisteel castings	4	7	5	11	133	(4)	(4)	(4)	(4)	(4)	(4)
6	Household furniture, except upholstered	6	2	7	49	596	56,148	89,268	610,298	939,353	1,972,532	1,033,179
17	Machine-shop repairs	5	4	2	2	37	4,800	5,618	57,766	55,168	172,876	117,708
13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	3	1	2	2	71	(4)	(4)	(4)	(4)	(4)	(4)
8	Newspapers: publishing and printing	5	3	7	119	162	(4)	(4)	(4)	(4)	(4)	(4)
1	Nonalcoholic beverages	4	2	3	3	19	6,000	10,480	33,233	174,342	404,541	230,199
15	Nonferrous-metal foundries (except aluminum)	3	2	2	...	10	1,653	...	12,254	18,696	44,470	25,774
8	Periodicals: publishing and printing	3	2	...	4	30	...	7,620	21,039	17,431	84,366	66,935
8	Photoengraving, not done in printing establishments (including preparation of plates)	3	1	4	3	6	15,060	5,940	17,040	6,512	71,098	64,586
5	Planing mills not operated in conjunction with sawmills	16	5	22	40	958	142,319	87,573	1,169,013	3,026,434	5,231,465	2,205,031
1	Prepared feeds (including mineral) for animals and fowls	4	...	2	2	41	15,555	3,720	50,166	1,290,431	1,542,062	251,631
5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	15	5	22	121	3,026	168,671	316,721	4,231,512	6,075,195	13,302,525	7,227,330
20	Signs, advertising displays, and advertising novelties	6	6	3	1	16	12,240	832	24,080	56,236	156,527	100,291
6	Wood products not elsewhere classified	4	1	6	6	52	17,272	9,735	66,094	125,316	273,925	148,609
17	Wood-working machinery	4	3	2	...	25	(4)	(4)	(4)	(4)	(4)	(4)

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR CITIES HAVING 100,000 OR MORE INHABITANTS, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
		TACOMA—Continued										
	Other industries [5]	131	79	97	421	3,355	$388,838	$852,307	$4,475,518	$22,836,873	$35,568,698	$12,731,825
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	27	5	26	118	921	158,907	249,809	1,148,556	14,002,944	18,651,651	4,648,707
4	Apparel and other finished products made from fabrics and similar materials	5	8	2	4	134	5,400	6,450	109,346	290,322	526,450	236,128
6	Furniture and finished lumber products	15	8	21	21	527	55,911	45,428	553,710	994,422	2,388,952	1,394,530
8	Printing, publishing, and allied industries	13	12	10	126	194	55,182	214,500	352,030	588,442	1,512,251	923,809
9	Chemicals and allied products	10	1	5	46	176	18,262	114,862	234,498	2,673,010	4,548,477	1,875,467
14	Iron and steel and their products, except machinery	13	9	11	24	220	27,265	46,112	290,817	373,731	975,074	601,343
17	Machinery (except electrical)	10	6	4	10	120	19,270	33,322	207,770	283,322	692,009	408,687
20	Miscellaneous industries	6	4	4	1	23	7,680	177	26,220	36,940	106,574	69,634
7	Paper and allied products	5	2	3	41	375						
13	Stone, clay, and glass products	4	1	2	6	76						
15	Nonferrous metals and their products	5	4	2	4	45						
19	Transportation equipment except automobiles	8	14	2	4	163						
3	Textile-mill products and other fiber manufactures	2					40,961	141,647	1,552,571	3,593,740	6,167,260	2,573,520
5	Lumber and timber basic products	2										
10	Products of petroleum and coal	1	5	5	16	381						
12	Leather and leather products	2										
16	Electrical machinery	2										
18	Automobiles and automobile equipment	1										

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] Figures do not include data for personnel of central-administrative offices.
[2] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.
[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[4] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[5] For numbers of establishments and of wage earners in individual industries, see table 12.

[a] and [b] To avoid disclosing exact or approximate data for individual establishments, the data for certain establishments located outside Seattle have been included in the figures for the industries to which these footnotes are indexed. Data for these establishments are not, however, included in the totals for the city.
[a] One establishment. [b] Two establishments.

TABLE 11.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939

COUNTY	Total	INDUSTRY GROUP 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
The State	3,240	1,038		18	97	748	143	55	391	98	4	4	23	103	113	72	22	163	18	46	84
Adams	4	3							1												
Asotin	7	4				2			1												
Benton	17	14							2					1							
Chelan	60	27				18			9	2				2		1		1			
Clallam	45	11				24		5	2					1		1		1			
Clark	66	27		2		14		5	9					2	1	1		4	1		
Columbia	7	3				3			1												
Cowlitz	70	13				39		6	6	1				1		1		3			
Douglas	6	2							1	3											
Ferry	11	2				8								1							
Franklin	4	2							1									1			
Garfield	5	3							1									1			
Grant	6	4							1	1											
Grays Harbor	124	27				63	6	2	7	3				2	2	2		7		1	2
Island	7	4				2			1												
Jefferson	25	6				15		3	1												
King	1,216	314		13	88	80	79	16	183	59	1	4	16	41	73	50	17	85	13	27	57
Kitsap	38	15				14	1		6					1						1	
Kittitas	31	18				8			3									2			
Klickitat	33	5				21	1		3	1								2			
Lewis	88	23				51			5				3	2	3			1			
Lincoln	10	4				3			3												
Mason	35	9				22		1	1					1				1			
Okangon	26	11				11			3	1											
Pacific	55	19				32			3									1			
Pend Oreille	16	4				8	2		1					1							
Pierce	323	92		2	5	59	29	6	39	13	1		2	14	13	9	2	15	1	9	12
San Juan	8	7												1							
Skagit	95	33				48		1	5					3	2			3			
Skamania	7					6			1												
Snohomish	178	51				85	5	4	15	3				4	5			3		3	
Spokane	259	107			3	23	14	4	38	8	2		2	12	5	6	3	17	2	3	10
Stevens	27	8				11			3					5							
Thurston	52	16		1		26	1		3					1	2			2			
Wahkiakum	10	4				5	1														
Walla Walla	35	23				2			6					1	1			2			
Whatcom	111	45				38	3	2	9	1				3	4	1		2		2	1
Whitman	19	15							2									2			
Yakima	104	63			1	7	1		15	2				3	2			7	1		2

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE SEATTLE-TACOMA INDUSTRIAL AREA, AND FOR SEATTLE, SPOKANE, AND TACOMA: 1939

[In order to avoid disclosing data for individual establishments, wage-earner figures for industries represented by fewer than three establishments are withheld]

Group No.	TITLE	Number of establishments	Wage earners
	STATE OF WASHINGTON		
1	Baking powder, yeast, and other leavening compounds	2	-------
	Beet sugar	1	-------
	Blended and prepared flour made from purchased flour	1	-------
	Cereal preparations	3	15
	Chocolate and cocoa products	1	-------
	Flavoring extracts and flavoring sirups, not elsewhere classified	6	23
	Liquors, rectified or blended	1	-------
	Salad dressings	6	67
	Sausage casings—not made in meat-packing establishments	1	-------
3	Batting, padding, and wadding; upholstery filling	1	-------
	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	2	-------
	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	1	-------
4	Corsets and allied garments	1	-------
	Handkerchiefs—made in inside factories or by jobbers engaging contractors	2	-------
	Housefurnishings (except curtains, draperies, and bedspreads)	2	-------
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	2	-------
	Men's neckwear—made in inside factories or by jobbers engaging contractors	2	-------
	Robes, lounging garments, and dressing gowns	1	-------
	Textile bags—not made in textile mills	2	-------
	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories	2	-------
	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	1	-------
	Trousers (semidress), wash suits, and washable service apparel	3	19
	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors	3	77
	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics	1	-------
	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	1	-------
6	Cooperage	2	-------
	Matches	1	-------
	Mirror frames and picture frames	2	-------
	Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets	1	-------
7	Coated and glazed paper	1	-------
	Converted paper products not elsewhere classified	4	468
	Envelopes	3	29
	Paper bags, except those made in paper mills	2	-------
8	Books: printing without publishing	1	-------
	Books: publishing and printing	2	-------
	Books: publishing without printing	1	-------
	Newspapers: publishing without printing	12	3
9	Chemicals not elsewhere classified	4	128
	Cleaning and polishing preparations, blackings, and dressings	1	-------
	Coal-tar products, crude and intermediate	3	20
	Drugs and medicines (including drug grinding)	10	27
	Explosives	4	284
	Fireworks	1	-------
	Grease and tallow (except lubricating greases)	2	-------
	Hardwood distillation and charcoal manufacture	1	-------
	Mucilage, paste, and other adhesives, except glue and rubber cement	1	-------
	Perfumes, cosmetics, and other toilet preparations	4	32
	Printing ink	2	-------
	Soybean oil, cake, and meal	1	-------
	Vegetable and animal oils, not elsewhere classified	2	-------
10	Fuel briquets	1	-------
	Petroleum refining	2	-------
	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	1	-------
12	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	1	-------
	Saddlery, harness, and whips	2	-------
	Women's pocketbooks, handbags, and purses	1	-------
13	Abrasive wheels, stones, paper, cloth, and related products	1	-------
	Asbestos products (except steam packing and pipe and boiler covering)	1	-------
	Clay products (except pottery), not elsewhere classified	1	-------
	Clay refractories, including refractory cement (clay)	2	-------
	Glass containers	1	-------
	Gypsum products	1	-------
	Lime	5	151
	Minerals and earths, ground or otherwise treated	2	-------
	Sand-lime brick, block and tile	1	-------
	Sewer pipe and kindred products	2	-------
	Statuary and art goods (except stone and concrete)—factory production	2	-------
	Terra cotta	1	-------
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	2	-------
	STATE OF WASHINGTON—Continued		
14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	2	-------
	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	1	-------
	Doors, window sash, frames, molding, and trim (made of metal)	2	-------
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semi-vitreous china sanitary ware)	1	-------
	Enameling, japanning, and lacquering	1	-------
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	2	-------
	Hardware not elsewhere classified	1	-------
	Heating and cooking apparatus, except electric, not elsewhere classified	1	-------
	Screw-machine products and wood screws	1	-------
	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	3	9
	Steam and hot-water heating apparatus (including hot-water furnaces)	1	-------
	Steel castings	3	74
	Steel works and rolling mills	2	-------
	Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills	1	-------
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	1	-------
	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	2	-------
	Lighting fixtures	1	-------
	Primary smelting and refining of nonferrous metals	1	-------
	Secondary smelting and refining, gold, silver, and platinum	2	-------
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	1	-------
	Silverware and plated ware	1	-------
16	Electrical products not elsewhere classified	1	-------
17	Blowers; exhaust and ventilating fans	2	-------
	Elevators, escalators, and conveyors	1	-------
	Mechanical power-transmission equipment	2	-------
	Metalworking machinery and equipment, not elsewhere classified	2	-------
	Office and store machines not elsewhere classified	1	-------
	Printing-trades machinery and equipment	1	-------
	Pumping equipment and air compressors	2	-------
	Scales and balances	1	-------
	Tractors	1	-------
18	Automobile trailers (for attachment to passenger cars)	1	-------
19	Aircraft and parts, including aircraft engines	1	-------
	Cars and car equipment—railroad, street, and rapid-transit	4	-------
20	Brushes	4	50
	Buttons	1	-------
	Costume jewelry and costume novelties (jewelry other than fine jewelry)	2	-------
	Fabricated plastic products, not elsewhere classified	1	-------
	Feathers, plumes, and artificial flowers	1	-------
	Furs, dressed and dyed	2	-------
	Hair work	1	-------
	Photographic apparatus and materials and projection equipment (except lenses)	1	-------
	Piano and organ parts and materials	1	-------
	Professional and scientific instruments (except surgical and dental)	1	-------
	Surgical and medical instruments	1	-------
	Tobacco pipes and cigarette holders	1	-------
	Wool pulling	1	-------
	SEATTLE-TACOMA INDUSTRIAL AREA		
1	Baking powder, yeast, and other leavening compounds	2	-------
	Blended and prepared flour made from purchased flour	1	-------
	Cereal preparations	2	-------
	Cheese	2	-------
	Chocolate and cocoa products	1	-------
	Condensed and evaporated milk	3	25
	Cured fish	8	102
	Flavoring extracts and flavoring sirups, not elsewhere classified	4	-------
	Liquors, rectified or blended	1	-------
	Macaroni, spaghetti, vermicelli, and noodles	9	-------
	Salad dressings	5	-------
	Sausage casings—not made in meat-packing establishments	1	-------
	Vinegar and cider	1	-------
3	Batting, padding, and wadding; upholstery filling	1	-------
	Cordage and twine	3	-------
	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	2	-------
	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	9	-------

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE SEATTLE-TACOMA INDUSTRIAL AREA, AND FOR SEATTLE, SPOKANE, AND TACOMA: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	SEATTLE-TACOMA INDUSTRIAL AREA—Con.		
4	Canvas products (except bags)	4	
	Corsets and allied garments	1	
	Housefurnishings (except curtains, draperies, and bedspreads)	2	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	2	
	Men's neckwear—made in inside factories or by jobbers engaging contractors	2	
	Robes, lounging garments, and dressing gowns	1	
	Textile bags—not made in textile mills	2	
	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories	2	
	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	1	
	Trousers (semidress), wash suits, and washable service apparel	3	19
	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors	3	77
	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics	1	
	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	1	
	Work gloves and mittens: cloth, cloth and leather combined	2	
6	Cooperage	1	
	Household furniture, except upholstered	17	726
	Matches	1	
	Mirror frames and picture frames	2	
	Partitions, shelving, cabinet work, and office and store fixtures	8	
	Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets	1	
7	Coated and glazed paper	1	
	Converted paper products not elsewhere classified	3	
	Envelopes	2	
	Paper and paperboard mills	2	
	Paper bags, except those made in paper mills	1	
	Paperboard containers and boxes not elsewhere classified	11	
	Pulp mills	2	
8	Books: printing without publishing	1	
	Books: publishing and printing	1	
	Books: publishing without printing	1	
	Electrotyping and stereotyping, not done in printing establishments	3	
	Engraving (steel, copperplate, and wood); plate printing	3	
9	Chemicals not elsewhere classified	3	
	Cleaning and polishing preparations, blackings, and dressings	1	
	Coal-tar products, crude and intermediate	2	
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	6	38
	Drugs and medicines (including drug grinding)	7	20
	Explosives	3	
	Fireworks	1	
	Grease and tallow (except lubricating greases)	2	
	Hardwood distillation and charcoal manufacture	1	
	Mucilage, paste, and other adhesives, except glue and rubber cement	1	
	Paints, varnishes, and lacquers	12	51
	Perfumes, cosmetics, and other toilet preparations	4	32
	Printing ink	2	
	Soap and glycerin	4	
	Soybean oil, cake, and meal	1	
	Vegetable and animal oils, not elsewhere classified	2	
10	Fuel briquets	1	
	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	1	
12	Footwear (except rubber)	4	
	Industrial leather belting and packing leather	2	
	Leather gloves and mittens	3	
	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	1	
	Saddlery, harness, and whips	2	
	Women's pocketbooks, handbags, and purses	1	
13	Cement	2	
	Clay refractories, including refractory cement (clay)	1	
	Glass containers	1	
	Gypsum products	1	
	Lime	1	
	Minerals and earths, ground or otherwise treated	1	
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	6	
	Sand-lime brick, block and tile	1	
	Sewer pipe and kindred products	1	
	Statuary and art goods (except stone and concrete)—factory production	2	
	Steam and other packing; pipe and boiler covering	1	
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	1	
	SEATTLE-TACOMA INDUSTRIAL AREA—Con.		
14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	2	
	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	1	
	Doors, window sash, frames, molding, and trim (made of metal)	2	
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semi-vitreous china sanitary ware)	1	
	Enameling, japanning, and lacquering	1	
	Forgings, iron and steel—made in plants not operated in connection with rolling mills	4	
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	2	
	Hardware not elsewhere classified	1	
	Saws	4	
	Screw-machine products and wood screws	1	
	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	2	
	Steam and hot-water heating apparatus (including hot-water furnaces)	1	
	Steel castings	3	74
	Steel works and rolling mills	2	
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	6	
	Tin cans and other tinware not elsewhere classified	3	
	Tools (except edge tools, machine tools, files, and saws)	2	
	Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills	1	
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	1	
	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	2	
	Lighting fixtures	1	
	Primary smelting and refining of nonferrous metals	1	
	Secondary smelting and refining, gold, silver, and platinum	2	
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	1	
	Silverware and plated ware	1	
16	Electrical appliances	6	
	Electrical products not elsewhere classified	1	
	Radios, radio tubes, and phonographs	3	
17	Blowers; exhaust and ventilating fans	2	
	Elevators, escalators, and conveyors	1	
	Industrial machinery, not elsewhere classified	4	
	Mechanical power-transmission equipment	2	
	Metalworking machinery and equipment, not elsewhere classified	2	
	Mining machinery and equipment	2	
	Office and store machines not elsewhere classified	1	
	Printing-trades machinery and equipment	1	
	Pumping equipment and air compressors	1	
	Stokers, mechanical, domestic and industrial	2	
	Woodworking machinery	9	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	14	298
19	Aircraft and parts, including aircraft engines	1	
	Cars and car equipment—railroad, street, and rapid-transit	2	
	Shipbuilding and ship repairing	25	1,340
20	Brooms	2	
	Brushes	3	
	Costume jewelry and costume novelties (jewelry other than fine jewelry)	2	
	Fabricated plastic products, not elsewhere classified	1	
	Feathers, plumes, and artificial flowers	1	
	Furs, dressed and dyed	2	
	Hair work	1	
	Miscellaneous fabricated products not elsewhere classified	3	
	Photographic apparatus and materials and projection equipment (except lenses)	1	
	Professional and scientific instruments (except surgical and dental)	1	
	Surgical and medical instruments	1	
	Tobacco pipes and cigarette holders	1	
	Wool pulling	1	
	CITY OF SEATTLE		
1	Baking powder, yeast, and other leavening compounds	1	
	Biscuit, crackers, and pretzels	10	
	Blended and prepared flour made from purchased flour	1	
	Canned and dried fruits and vegetables (including canned soups)	4	131
	Cereal preparations	1	
	Cheese	1	
	Chocolate and cocoa products	1	
	Cured fish	7	
	Flavoring extracts and flavoring sirups, not elsewhere classified	4	
	Flour and other grain-mill products	3	251
	Food preparations, not elsewhere classified	16	

See footnote at end of table.

TABLE 12. INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE SEATTLE-TACOMA INDUSTRIAL AREA, AND FOR SEATTLE, SPOKANE, AND TACOMA: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	CITY OF SEATTLE—Continued		
1	Liquors, rectified or blended	1	
	Macaroni, spaghetti, vermicelli, and noodles	9	..
	Malt liquors	3	
	Pickled fruits and vegetables and vegetable sauces and seasonings	2	
	Prepared feeds (including mineral) for animals and fowls	8	161
	Quick-frozen foods	3	
	Salad dressings	4	
	Sausage casings—not made in meat-packing establishments	1	
	Vinegar and cider	1	
	Wines	6	
3	Cordage and twine	3	
	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	2	
	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	8	
4	Canvas products (except bags)	4	
	Corsets and allied garments	1	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	4	
	Housefurnishings (except curtains, draperies, and bedspreads)	2	
	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	2	
	Men's neckwear—made in inside factories or by jobbers engaging contractors	2	
	Robes, lounging garments, and dressing gowns	1	
	Textile bags—not made in textile mills	2	..
	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories	1	
	Trousers (semidress), wash suits, and washable service apparel	3	19
	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors	3	77
	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	7	
	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics	1	
	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	1	
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	9	
	Work gloves and mittens: cloth, cloth and leather combined	1	
5	Planing mills not operated in conjunction with sawmills	18	
	Plywood mills	2	
6	Caskets, coffins, burial cases, and other morticians' goods	2	
	Cooperage	1	
	Household furniture, except upholstered	10	
	Mirror frames and picture frames	1	
	Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets	1	
	Wooden boxes except cigar boxes	6	126
	Wood preserving	5	
7	Coated and glazed paper	1	
	Converted paper products not elsewhere classified	3	
	Envelopes	2	
	Paper bags, except those made in paper mills	1	
	Paperboard containers and boxes not elsewhere classified	9	191
8	Bookbinding and related industries	5	
	Books, printing without publishing	1	
	Books: publishing without printing	1	
	Electrotyping and stereotyping, not done in printing establishments	2	
	Engraving (steel, copperplate, and wood); plate printing	3	
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	7	
	Machine and hand typesetting (including advertisement typesetting)	7	
9	Chemicals not elsewhere classified	1	
	Cleaning and polishing preparations, blackings, and dressings	1	
	Coal-tar products, crude and intermediate	1	
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	6	38
	Drugs and medicines (including drug grinding)	6	
	Fertilizers	4	
	Fireworks	1	
	Glue and gelatin	4	
	Insecticides, fungicides, and related industrial and household chemical compounds	4	
	Paints, varnishes, and lacquers	10	
	Perfumes, cosmetics, and other toilet preparations	4	32
	Printing ink	2	
	Soap and glycerin	3	
	Soybean oil, cake, and meal	1	
	CITY OF SEATTLE—Continued		
12	Footwear (except rubber)	3	24
	Industrial leather belting and packing leather	2	
	Leather gloves and mittens	2	
	Leather tanned, curried, and finished—regular factories or jobbers engaging contractors	1	
	Saddlery, harness, and whips	2	
	Women's pocketbooks, handbags, and purses	1	
13	Cement	1	
	Glass containers	1	
	Gypsum products	1	
	Lime	1	
	Minerals and earths, ground or otherwise treated	1	
	Mirrors and other glass products made of purchased glass	6	
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	3	
	Pottery products not elsewhere classified	3	
	Sand-lime brick, block and tile	1	
	Statuary and art goods (except stone and concrete)—factory production	2	
	Steam and other packing; pipe and boiler covering	1	
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	1	
14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	2	
	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	1	
	Doors, window sash, frames, molding, and trim (made of metal)	2	
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	1	
	Enameling, japanning, and lacquering	1	
	Forgings, iron and steel—made in plants not operated in connection with rolling mills	4	
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	2	
	Gray-iron and semisteel castings	13	192
	Hardware not elsewhere classified	1	
	Oil burners, domestic and industrial	2	
	Power boilers and associated products	6	
	Saws	3	
	Screw-machine products and wood screws	1	
	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	2	
	Steel castings	2	
	Steel works and rolling mills	2	
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	5	
	Tin cans and other tinware not elsewhere classified	3	
	Tools (except edge tools, machine tools, files, and saws)	2	
	Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills	1	
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	1	
	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	1	
	Lighting fixtures	1	
	Secondary smelting and refining, gold, silver, and platinum	2	
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	1	
	Silverware and plated ware	1	
16	Batteries, storage and primary (dry and wet)	3	
	Electrical products not elsewhere classified	1	
	Radios, radio tubes, and phonographs	3	
17	Blowers; exhaust and ventilating fans	2	
	Construction and similar machinery (except mining and oil-field machinery and tools)	5	
	Industrial machinery, not elsewhere classified	4	
	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	2	
	Mechanical power-transmission equipment	2	
	Metalworking machinery and equipment, not elsewhere classified	2	
	Mining machinery and equipment	2	
	Office and store machines not elsewhere classified	1	
	Printing-trades machinery and equipment	1	
	Pumping equipment and air compressors	1	
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	6	
	Stokers, mechanical, domestic and industrial	2	
19	Aircraft and parts, including aircraft engines	1	
	Cars and car equipment—railroad, street, and rapid-transit	1	
20	Brooms	1	
	Brushes	2	
	Costume jewelry and costume novelties (jewelry other than fine jewelry)	2	
	Fabricated plastic products, not elsewhere classified	1	
	Feathers, plumes, and artificial flowers	1	
	Furs, dressed and dyed	2	

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE SEATTLE-TACOMA INDUSTRIAL AREA, AND FOR SEATTLE, SPOKANE, AND TACOMA: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	CITY OF SEATTLE—Continued		
20	Hair work	1	
	Hand stamps, stencils, and brands	3	
	Miscellaneous fabricated products not elsewhere classified	3	
	Photographic apparatus and materials and projection equipment (except lenses)	1	
	Surgical and medical instruments	1	
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	3	
	Tobacco pipes and cigarette holders	1	
	Wool pulling	1	
	CITY OF SPOKANE		
1	Candy and other confectionery products	3	54
	Cereal preparations	1	
	Flavoring extracts and flavoring sirups, not elsewhere classified	1	
	Macaroni, spaghetti, vermicelli, and noodles	2	
	Pickled fruits and vegetables and vegetable sauces and seasonings	2	
	Poultry dressing and packing, wholesale	2	
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	1	
	Vinegar and cider	2	
4	Canvas products (except bags)	1	
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	1	
	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	1	
5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	4	562
6	Caskets, coffins, burial cases, and other morticians' goods	3	33
	Cooperage	1	
	Household furniture, except upholstered	1	
	Mattresses and bedsprings	3	
	Partitions, shelving, cabinet work, and office and store fixtures	2	
	Upholstered household furniture	1	
	Wooden boxes except cigar boxes	1	
7	Envelopes	1	
	Paperboard containers and boxes not elsewhere classified	1	
8	Bookbinding and related industries	1	
	Electrotyping and stereotyping, not done in printing establishments	1	
	Engraving (steel, copperplate, and wood); plate printing	1	
	Machine and hand typesetting (including advertisement typesetting)	2	
	Newspapers: publishing and printing	6	205
	Newspapers: publishing without printing	1	
	Photoengraving, not done in printing establishments (including preparation of plates)	1	
9	Coal-tar products, crude and intermediate	1	
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	2	
	Drugs and medicines (including drug grinding)	1	
	Insecticides, fungicides, and related industrial and household chemical compounds	1	
	Paints, varnishes, and lacquers	2	
	Soap and glycerin	1	
12	Footwear (except rubber)	1	
	Industrial leather belting and packing leather	1	
13	Brick and hollow structural tile	1	
	Concrete products	2	
	Mirrors and other glass products made of purchased glass	1	
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	1	
	Steam and other packing; pipe and boiler covering	2	
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	1	
	Gray-iron and semisteel castings	2	
	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	1	
	Tools (except edge tools, machine tools, files, and saws)	1	
15	Nonferrous-metal foundries (except aluminum)	1	
16	Batteries, storage and primary (dry and wet)	1	
	Electrical appliances	1	
	Radios, radio tubes, and phonographs	1	
17	Agricultural machinery (except tractors)	1	
	Industrial machinery, not elsewhere classified	1	
	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	1	
	CITY OF SPOKANE—Continued		
17	Mining machinery and equipment	1	
	Scales and balances	1	
	Stokers, mechanical, domestic and industrial	1	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	1	
19	Boat building and boat repairing	1	
20	Brooms	1	
	Brushes	1	
	Buttons	1	
	Hand stamps, stencils, and brands	1	
	Signs, advertising displays, and advertising novelties	5	
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	1	
	CITY OF TACOMA		
1	Biscuit, crackers, and pretzels	1	
	Candy and other confectionery products	2	
	Canned and dried fruits and vegetables (including canned soups)	2	
	Cereal preparations	1	
	Condensed and evaporated milk	1	
	Flour and other grain-mill products	3	312
	Food preparations, not elsewhere classified	2	
	Ice cream and ices	2	
	Ice, manufactured	4	
	Malt liquors	1	
	Meat packing, wholesale	2	
	Pickled fruits and vegetables and vegetable sauces and seasonings	2	
	Poultry dressing and packing, wholesale	1	
	Quick-frozen foods	1	
	Salad dressings	1	
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	1	
3	Batting, padding, and wadding; upholstery filling	1	
	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	1	
4	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories	1	
	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	1	
	Women's and misses' (except house dresses)—made in inside factories or by jobbers engaging contractors	1	
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	1	
	Work gloves and mittens: cloth, cloth and leather combined	1	
5	Plywood mills	2	
6	Caskets, coffins, burial cases, and other morticians' goods	2	
	Matches	1	
	Mirror frames and picture frames	1	
	Partitions, shelving, cabinet work, and office and store fixtures	1	
	Upholstered household furniture	6	
	Wooden boxes except cigar boxes	3	
	Wood preserving	1	
7	Paper and paperboard mills	1	
	Paperboard containers and boxes not elsewhere classified	2	
	Pulp mills	2	
8	Bookbinding and related industries	1	
	Books: publishing and printing	1	
	Electrotyping and stereotyping, not done in printing establishments	1	
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	2	
	Machine and hand typesetting (including advertisement typesetting)	2	
	Newspapers: publishing and printing	5	162
	Periodicals: publishing without printing	1	
9	Chemicals not elsewhere classified	2	
	Glue and gelatin	1	
	Insecticides, fungicides, and related industrial and household chemical compounds	1	
	Lubricating oils and greases—not made in petroleum refineries	1	
	Paints, varnishes, and lacquers	2	
	Soap and glycerin	1	
	Vegetable and animal oils, not elsewhere classified	2	
10	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	1	
12	Footwear (except rubber)	1	
	Leather gloves and mittens	1	

See footnote at end of table.

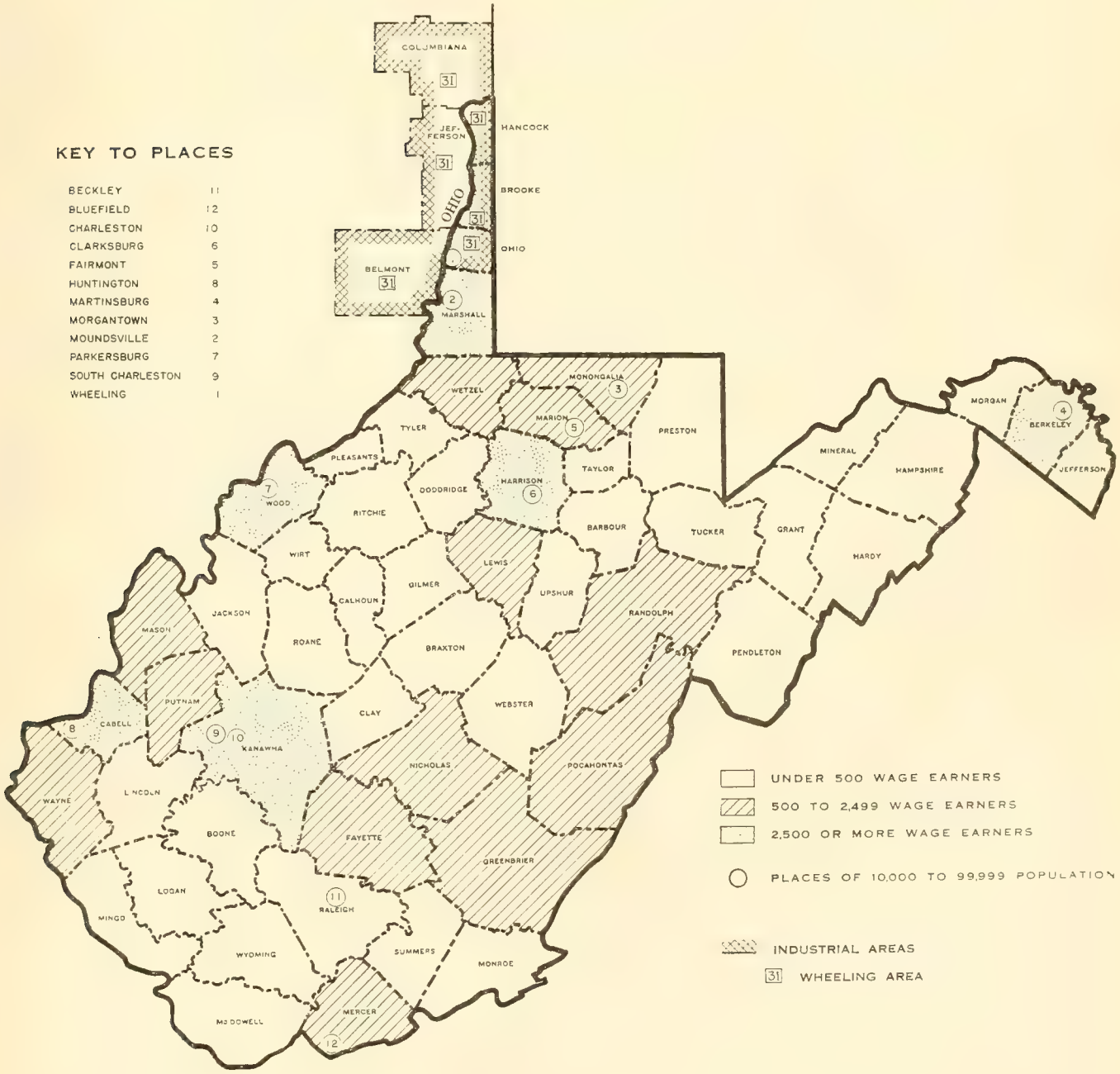
TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE SEATTLE-TACOMA INDUSTRIAL AREA, AND FOR SEATTLE, SPOKANE, AND TACOMA: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	CITY OF TACOMA—Continued		
13	Mirrors and other glass products made of purchased glass	1	
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	3	71
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	2	
	Gray-iron and semisteel castings	4	133
	Oil burners, domestic and industrial	1	
	Power boilers and associated products	2	
	Saws	1	
	Steam and hot-water heating apparatus (including hot-water furnaces)	1	
	Steel castings	1	
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	1	
15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	1	
	Sheet-metal work not specifically classified	4	
16	Electrical appliances	2	
	CITY OF TACOMA—Continued		
17	Construction and similar machinery (except mining and oil-field machinery and tools)	1	
	Elevators, escalators, and conveyors	1	
	Machine-shop products, not elsewhere classified	2	
	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	1	
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	1	
	Woodworking machinery	4	25
18	Motor vehicles, motor-vehicle bodies, parts and accessories	1	
19	Shipbuilding and ship repairing	8	
20	Brooms	1	
	Brushes	1	
	Hand stamps, stencils, and brands	1	
	Sporting and athletic goods not elsewhere classified	2	
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	1	

[1] For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and of industry groups, sec. 27.

WEST VIRGINIA

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939



Prepared by the Bureau of the Census, Department of Commerce

WEST VIRGINIA

Table 1.—SUMMARY FOR THE STATE: 1939, 1937, AND 1929

CENSUS YEAR	Number of establishments	Proprietors and firm members	Number of persons employed in manufacturing [1]	Salaries and wages [1]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2]	Value of products [2]	Value added by manufacture [3]
1939	1,130	590	83,047	$107,086,933	$227,061,641	$441,840,388	$214,778,747
1937	1,057	515	91,525	120,806,168	257,751,612	480,526,030	222,774,418
1929	1,427	787	82,637	118,438,197	244,383,668	477,840,999	233,457,331

[1] Figure for 1939 does not include data for employees of manufacturing establishments (except salaried officers of corporations) who were engaged in distribution, construction, and other nonmanufacturing work. For detail, see table 8. It is not known to what extent data for such nonmanufacturing employees were included in figures reported for earlier years. See General Explanations—Persons engaged—general classification.

[2] The aggregates for cost of materials, etc., and value of products include large amounts of duplication due to the use of products of some industries as materials by others. See General Explanations—Duplication in cost of materials and value of products.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See General Explanations—Value added by manufacture.

Table 2.—SUMMARY FOR THE WHEELING INDUSTRIAL AREA, COUNTIES, AND PLACES: 1939

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2] [3]	Value of products [2] [3]	Value added by manufacture [4]
The State	1,901,974	[5] 1,130	74,989	$88,487,433	$227,061,641	$441,840,388	$214,778,747
Wheeling Industrial Area, total [6]	414,064	412	43,519	57,784,542	183,230,586	291,617,809	108,387,223
Portion in West Virginia	130,200	173	24,112	30,992,521	91,353,633	150,853,477	59,499,844
Portion in Ohio	283,864	239	19,407	26,792,021	91,876,953	140,764,332	48,887,379
COUNTIES IN WEST VIRGINIA [5]							
Barbour	19,869	11	86	36,582	54,804	193,512	138,708
Berkeley	29,016	28	3,423	2,746,427	5,480,587	11,866,417	6,385,830
Boone [7]	28,556	3	176				
Braxton	21,658	5	24	11,343	37,353	83,542	46,189
Brooke [7]	25,513	26	3,593				
Cabell	97,459	100	5,748	6,634,696	18,027,607	39,414,992	21,389,385
Calhoun [8]	12,455						
Clay [7]	15,206	5	101				
Doddridge [8]	10,923						
Fayette [7]	80,628	20	1,042				
Gilmer [7]	12,046	1					
Grant [7]	8,805	8	83				
Greenbrier [7]	38,520	19	532				
Hampshire [7]	12,974	9	133				
Hancock [7]	31,572	41	14,005				
Hardy	10,813	32	276	193,942	757,511	1,437,216	679,705
Harrison	82,911	51	4,084	5,253,077	7,850,727	18,925,172	11,074,445
Jackson	16,598	9	54	27,040	44,780	119,179	74,399
Jefferson	16,762	20	473	403,095	1,331,853	2,651,861	1,320,008
Kanawha	195,619	95	8,970	13,688,211	39,039,179	88,604,629	49,565,450
Lewis	22,271	14	802	761,505	499,569	1,742,030	1,242,461
Lincoln [8]	22,886						
Logan	67,768	20	423	349,227	462,205	1,237,942	775,737
Marion	68,683	30	1,889	2,403,580	6,290,456	13,326,298	7,035,842
Marshall [7]	40,189	33	4,453				
Mason	22,270	10	553	522,817	936,308	1,871,871	935,563
McDowell	94,354	23	466	339,340	562,904	1,605,608	1,042,704
Mercer	68,289	31	616	654,721	1,447,668	3,367,532	1,919,864
Mineral	22,215	11	105	71,699	141,067	312,161	171,094
Mingo	40,802	10	182	153,559	316,616	769,392	452,776
Monongalia	51,252	44	1,133	1,139,244	963,911	3,074,253	2,110,342
Monroe	13,577	4	22	11,534	38,280	64,744	26,464
Morgan	8,743	23	451	273,214	1,276,956	2,262,394	985,438
Nicholas [7]	24,070	13	1,387				
Ohio	73,115	106	6,514	7,403,799	27,175,122	43,682,324	16,507,202
Pendleton	10,884	10	110	56,528	50,340	168,213	117,873
Pleasants [7]	6,692	5	200				
Pocahontas [7]	13,906	10	703				
Preston	30,416	23	297	288,799	466,181	1,046,093	579,912
Putnam [7]	19,511	6	659				
Raleigh	86,687	34	390	356,489	656,132	1,702,267	1,046,135
Randolph	30,259	18	656	505,191	1,733,126	2,957,014	1,223,888
Ritchie	15,389	10	118	92,019	87,276	264,645	177,369
Roane	20,787	7	19	18,472	49,537	124,342	74,805
Summers	20,409	7	67	46,687	37,391	150,080	112,689

See footnotes at end of table.

TABLE 2.—SUMMARY FOR THE WHEELING INDUSTRIAL AREA, COUNTIES, AND PLACES: 1939—Continued

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
COUNTIES IN WEST VIRGINIA [5]—continued							
Taylor	19,919	7	311	$351,963	$207,285	$774,065	$566,680
Tucker [7]	13,173	6	274				
Tyler	12,559	6	482	505,422	445,367	1,057,051	611,684
Upshur	18,360	13	129	56,550	217,960	357,171	139,211
Wayne	35,566	17	560	469,181	1,085,866	2,304,030	1,218,164
Webster [7]	18,080	2					
Wetzel	22,342	21	674	662,659	870,018	2,242,943	1,372,925
Wirt [8]	6,475						
Wood	62,399	63	6,918	7,505,438	13,570,261	31,178,015	17,607,754
Wyoming	29,774	10	367	290,744	325,339	873,474	548,135
Undistributed [9]		207	27,597	34,202,639	94,525,999	160,027,916	65,501,917
PLACES HAVING 10,000 OR MORE INHABITANTS							
Beckley	12,852	12	191	244,440	415,883	1,097,390	681,507
Bluefield, W. Va. and Va., total	24,562	30	570	603,127	1,434,525	3,246,363	1,811,838
Bluefield, W. Va	20,641	21	432	504,392	1,221,687	2,738,308	1,516,621
Bluefield, Va	3,921	9	138	98,735	212,838	508,055	295,217
Charleston	67,914	60	1,455	1,772,812	4,807,114	10,788,379	5,981,265
Clarksburg	30,579	38	2,418	2,982,641	3,884,427	10,575,745	6,691,318
Fairmont	23,105	24	1,558	2,016,667	4,898,485	11,143,313	6,244,828
Huntington [10]	78,836	96	4,672				
Martinsburg	15,063	18	2,786	2,173,119	3,522,671	8,173,345	4,650,674
Morgantown	16,655	29	939	897,961	638,568	2,270,457	1,631,889
Moundsville	14,168	17	1,301	1,320,069	3,673,894	6,893,297	3,219,403
Parkersburg	30,103	41	1,324	1,118,785	5,501,705	8,797,744	3,296,039
South Charleston [10]	10,377	5	2,094				
Wheeling [10]	61,099	104	6,489				

[1] Not including salaried officers and employees nor nonmanufacturing wage earners. The figure for each county or place is an average of the numbers reported for the several months of the year. In calculating it, equal weight must be given to full-time and to part-time wage earners (not reported separately by the manufacturers), and for this reason it exceeds the number that would have been required to perform the work done in the industries if all wage earners had been continuously employed throughout the year. The quotient obtained by dividing the amount of wages by the average number of wage earners cannot, therefore, be accepted as representing the average wage received by full-time wage earners. Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several counties do not add exactly to the average for the State. In making comparisons between the figures for 1939 and those for earlier years, the possibility that the proportion of part-time employment varied from year to year should be taken into account.

[2] Profits and losses cannot be calculated from the census figures because no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, and advertising.

[3] See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

[5] For numbers of establishments by "Industry groups," see table 10.

[6] The Wheeling Industrial Area comprises Brooke, Hancock, and Ohio Counties, W. Va., and Belmont, Columbiana, and Jefferson Counties, Ohio. For statistics by industries, see table 9.

[7] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Undistributed" figures.

[8] No manufacturing reported.

[9] The "Undistributed" figure for number of establishments and a part of the "Undistributed" figure for number of wage earners are included above in the items for the respective counties. The sums of the figures in these two columns are, therefore, larger than the corresponding State totals.

[10] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments.

TABLE 3.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, BY SEX: 1939 AND 1929

[In 1939 questionnaire, for the first time, called for data on the *total* number of employees in manufacturing establishments, including those engaged wholly or chiefly in distribution, construction, and other nonmanufacturing activities. It is not known to what extent data for such employees were included in the figures reported for earlier years. This table presents detailed figures for employees receiving pay at any time within the *normal* pay-roll period ended nearest Oct. 14, 1939, and for such employees on the pay roll on Dec. 14, 1929, or on the nearest *representative* date. The total for "Wage earners engaged in manufacturing" is not identical with the average for the year (given in other tables), and differs from the number reported for October 1939 or for December 1929, because for both years some manufacturers gave wage-earner figures for months other than those specified. See GENERAL EXPLANATIONS—Persons engaged, general classification]

CLASS AND SEX	1939 (Oct. 14)[1]	1929 (Dec. 14)[1]
All classes, aggregate[2]	93,762	83,302
Male	76,844	70,267
Female	16,918	13,035
Salaried officers and employees, total	13,434	7,484
Male	11,627	6,096
Female	1,807	1,388
Salaried officers of corporations, total	715	881
Male	654	839
Female	61	42
All other employees (except wage earners in manufacturing), total	12,719	6,603
Male	10,973	5,257
Female	1,746	1,346
Salaried officers and employees—Continued.		
All other employees, etc.—Continued.		
Engaged in manufacturing:		
Male	5,970	(3)
Female	1,373	
Engaged in distribution:		
Male	1,813	
Female	345	
Engaged in construction:		
Male	3,007	
Engaged in other work:		
Male	183	
Female	28	
Wage earners engaged in manufacturing, total	80,328	75,818
Male	65,217	64,171
Female	15,111	11,647

[1] See headnote.
[2] Figures do not include data for 590 proprietors and firm members for 1939 and 787 for 1929, which were not reported by sex for 1939.
[3] No data.

TABLE 4.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS: 1939, 1937, AND 1929

[The figures for 1939 relate to wage earners engaged in manufacturing only. It is not known to what extent the figures for earlier years include data for nonmanufacturing wage earners. See headnote to table 3]

CENSUS YEAR	Average number employed during year[1]	NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH—											
		January	February	March	April	May	June	July	August	September	October	November	December
1939	74,989	70,839	71,620	72,928	72,883	72,304	72,311	71,882	74,093	76,377	80,765	82,640	81,231
1937	83,464	80,484	83,243	85,667	86,291	86,570	87,621	84,895	84,665	84,978	82,472	79,668	75,014
1929	75,153	72,809	74,032	75,289	75,989	75,941	76,628	75,374	76,583	76,449	76,205	74,320	72,218

[1] See GENERAL EXPLANATIONS—Wage earners and wages.

TABLE 5.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY NUMBER OF WAGE EARNERS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR)[1]		VALUE OF PRODUCTS	VALUE ADDED BY MANUFACTURE[2]
	1939	1929	1939	1929	1939	1939
All establishments	1,130	1,427	74,989	75,153	$441,840,388	$214,778,747
No wage earners	21	32			291,369	90,769
1 to 5	457	688	1,366	2,085	9,885,272	5,086,326
6 to 20	298	298	3,278	3,285	19,111,611	9,667,396
21 to 50	134	168	4,433	5,486	22,962,159	11,902,792
51 to 100	81	76	5,838	5,577	28,544,701	14,533,577
101 to 250	70	98	10,820	16,044	84,239,336	30,047,966
251 to 500	36	41	12,176	13,481	58,430,538	23,908,168
501 to 1,000	17	18	11,348	11,866	62,566,165	34,272,979
1,001 to 2,500	14	7	[3] 25,730	17,329	155,809,237	85,268,774
2,501 or more	2	1				

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Combined to avoid disclosing data for individual establishments.

TABLE 6.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY VALUE OF PRODUCTS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
All establishments	1,130	1,427	74,989	75,153	$441,840,388	$477,840,999	$214,778,747	$233,457,331
$5,000 to $19,999	400	592	1,578	1,800	4,302,141	6,221,337	2,645,627	3,909,762
$20,000 to $49,999	251	249	2,438	1,784	7,898,259	7,724,970	4,585,187	4,614,444
$50,000 to $99,999	136	155	2,332	2,364	9,219,140	10,933,451	5,321,271	6,545,567
$100,000 to $249,999	135	164	5,422	5,843	21,883,657	26,321,133	12,117,429	14,855,105
$250,000 to $499,999	81	101	6,189	7,657	28,099,327	35,668,756	14,878,852	20,856,747
$500,000 to $999,999	41	76	5,978	11,739	27,498,726	53,002,553	16,191,005	29,334,252
$1,000,000 to $2,499,999	50	45	14,943	10,945	75,506,411	77,624,267	32,102,672	33,545,183
$2,500,000 to $4,999,999	19	31	7,130	13,820	65,592,733	103,692,997	21,347,844	42,836,080
$5,000,000 and over	23	14	28,979	19,201	201,839,994	156,651,535	105,588,860	76,960,191

[1] See headnotes to tables 3 and 4.

[2] See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 7.—ESTABLISHMENTS CLASSIFIED AS UNDER CORPORATE OR OTHER FORM OF OWNERSHIP (OR CONTROL) AND AS UNDER CENTRAL-ADMINISTRATIVE-OFFICE OR INDEPENDENT OPERATION: 1939 AND 1929

TYPE OF OWNERSHIP OR CONTROL, AND OF OPERATION	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
Total	1,130	1,427	74,989	75,153	$441,840,388	$477,840,999	$214,778,747	$233,457,331
TYPE OF OPERATION								
1939 [3]								
Corporate ownership or control:								
Central-administrative-office (plural-unit)	301	(3)	49,284	(3)	343,048,751	(3)	159,856,765	(3)
Independent (single-unit)	365	(3)	21,763	(3)	85,443,926	(3)	47,723,907	(3)
Noncorporate ownership:								
Central-administrative-office (plural-unit)	58	(3)	440	(3)	1,460,648	(3)	853,777	(3)
Independent (single-unit)	406	(3)	3,502	(3)	11,887,063	(3)	6,344,298	(3)
1939 AND 1929 [3]								
Central-administrative-office (plural-unit), corporate and noncorporate	359	280	49,724	46,409	344,509,399	323,636,985	160,710,542	150,523,565
Independent (single-unit), corporate and noncorporate	771	1,147	25,265	28,744	97,330,989	154,204,014	54,068,205	82,933,766
TYPE OF OWNERSHIP OR CONTROL								
Corporate	666	761	71,047	70,325	428,492,677	458,187,809	207,580,672	221,980,495
Noncorporate, total	464	666	3,942	4,828	13,347,711	19,653,190	7,198,075	11,476,836
Individual	301	(4)	2,325	(4)	7,973,684	(4)	4,198,721	(4)
Partnership	159	(4)	1,536	(4)	5,210,348	(4)	2,882,423	(4)
Cooperative	3	(5)	81		163,679		116,931	
Other	1							

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Because of changes in the questionnaire, no comparable figures for 1929 can be given for the first section of this table. For this reason, the items have been regrouped under "1939 and 1929" to present comparable figures so far as this can be done.
[4] No data.
[5] Figures for 1939 combined to avoid disclosing data for individual establishments; no data for 1929.

TABLE 8.—GENERAL STATISTICS FOR THE

This table presents separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments, given, however, reported larger numbers of wage earners or,

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED BY MANUFACTURING ESTABLISHMENTS [1]					
					Total [1]	Salaried officers of corporations [2]	Manufacturing		Distribution	Construction	Other
							Salaried employees [2]	Wage earners (average for year) [3]			
1		All industries, total	1,130	590	88,423	715	7,343	74,989	2,158	3,007	211
2	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	108	104	2,180	50	208	1,734	104	21	63
3	13	Brick and hollow structural tile	14	5	560	11	24	516	6	1	2
4	1	Candy and other confectionery products	6	5	21	1	3	16	1		
5	1	Canned and dried fruits and vegetables (including canned soups)	17	22	294		7	287			
6	6	Caskets, coffins, burial cases, and other morticians' goods	3	1	71	5	11	51	4		
7	13	Cement	3		349	2	45	251	11	40	
8	9	Chemicals not elsewhere classified	12		7,195	7	1,387	4,532	11	1,258	
9	13	Clay refractories, including refractory cement (clay)	4		328	4	11	310	3		
10	9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	7		185		32	139	14		
11	13	Concrete products	26	23	287	7	16	237	25	2	
12	1	Condensed and evaporated milk	3		10	1	1	8			
13	6	Cooperage	12		52	5	5	42			
14	1	Creamery butter	8	4	34	2	7	20	5		
15	9	Drugs and medicines (including drug grinding)	5		86	3	20	46	16		1
16	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	6	1	453	5	38	398	12		
17	13	Flat glass	7		2,824	6	244	2,384	30	160	
18	1	Flour and other grain-mill products	32	23	246	18	26	164	38		
19	20	Games and toys (except dolls and children's vehicles)	5	1	805	5	46	749	4	1	
20	8	General commercial (job) printing	48	30	516	33	79	377	27		
21	13	Glass containers	6		2,614	8	306	2,300			
22	3	Hosiery—seamless	3		1,945	1	122	1,771	41	10	
23	13	Hotel china	4		767	10	35	702	13	4	3
24	4	House dresses, uniforms, and aprons—made in contract factories	4		568	6	26	525	11		
25	1	Ice cream and ices	21	3	313	12	39	156	100	1	5
26	1	Ice, manufactured	39	10	312	23	43	111	133		2
27	17	Industrial machinery, not elsewhere classified	4	4	18		3	12		3	
28	12	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	6		938	2	39	897			
29	13	Lime	10	2	382	6	29	312		35	
30	8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	3		91	8	13	63	7		
31	5	Logging camps and logging contractors (not operating sawmills)	5	5	62			62			
32	17	Machine-shop products, not elsewhere classified	6		364	7	59	296	2		
33	17	Machine-shop repairs	13	7	161	9	20	131	1		
34	6	Mattresses and bedsprings	4	2	65	1	7	49	8		
35	1	Meat packing, wholesale	14	16	463	9	30	289	132	3	
36	13	Minerals and earths, ground or otherwise treated	3	2	65		5	60			
37	17	Mining machinery and equipment	4		455	11	41	365	38		
38	13	Mirrors and other glass products made of purchased glass	9	5	173	4	15	149	5		
39	8	Newspapers: publishing and printing	87	53	1,774	44	523	833	374		
40	8	Newspapers: publishing without printing	4	2	18	7	9	2			
41	1	Nonalcoholic beverages	67	37	676	40	70	249	300		17
42	15	Nonferrous-metal foundries (except aluminum)	4	4	63	4	7	48	4		
43	17	Oil-field machinery and tools	7	2	357	9	36	297	15		
44	10	Oven coke and coke-oven byproducts	3		791	2	49	740			
45	9	Paints, varnishes, and lacquers	4		32	7	10	12	3		
46	7	Paper and paperboard mills	5		786	7	62	703	14		
47	7	Paperboard containers and boxes not elsewhere classified	10	4	703	10	59	615	19		
48	10	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	6		36	1	8	26	1		
49	10	Petroleum refining	3		458	1	66	391			
50	5	Planing mills not operated in conjunction with sawmills	28	9	506	18	38	426	24		
51	13	Pottery products not elsewhere classified	6	1	352	6	14	331	1		
52	14	Power boilers and associated products	3	3	60	1	6	52	1		
53	1	Prepared feeds (including mineral) for animals and fowls	3	1	20	3	2	8	7		
54	12	Saddlery, harness, and whips	3	1	47	4	5	36			2
55	9	Salt	3		146	2	13	121	2	8	
56	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	8	1	109		9	100			
57	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	168	127	5,451	41	267	5,026	63	54	
58	15	Sheet-metal work not specifically classified	5	6	227	4	11	195	17		
59	20	Signs, advertising displays, and advertising novelties	6	3	50	6	6	33	5		
60	14	Stamped and pressed metal products (except automobile stampings)	5		1,104	8	52	1,040	4		
61	14	Steel works and rolling mills	11		14,577	5	658	13,002	24	864	24
62	14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	4		317	9	9	274	25		
63	20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	3	2	14		2	12			
64	13	Tableware, pressed or blown glass, and glassware not elsewhere classified	31	14	5,478	42	341	5,019	57	19	
65	14	Tin cans and other tinware not elsewhere classified	4		1,070	5	102	947	16		
66	13	Whiteware	5		5,576	15	225	5,048	90	169	

See footnotes at end of table.

STATE, BY INDUSTRIES: 1939

and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures are larger values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
$114,601,536	$3,438,319	$15,161,181	$88,487,433	$3,374,444	$3,814,695	$325,464	$227,061,641	$204,263,177	$17,074,476	$4,698,234	$1,025,754	$441,840,388	$214,778,747	1
3,025,528	276,627	405,835	2,139,227	100,125	37,432	66,282	4,966,494	4,770,782	99,556	96,156	----------	10,663,210	5,696,716	2
602,477	44,525	41,929	504,940	8,938	1,700	445	439,703	81,461	298,956	59,286	----------	1,586,152	1,146,449	3
17,789	1,834	3,447	11,653	855	----------	----------	51,988	50,401	903	684	----------	97,433	45,445	4
(5)	----------	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	5
80,442	13,250	11,490	48,394	5,906	----------	1,402	170,459	166,551	2,236	1,672	----------	296,477	126,018	6
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	7
13,371,960	57,950	3,261,154	8,067,250	26,396	1,959,210	----------	23,962,793	19,747,314	2,898,922	1,260,936	55,621	57,076,756	33,113,963	8
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	9
332,130	----------	71,515	216,014	44,601	----------	----------	639,051	523,616	94,429	21,006	----------	1,629,561	990,510	10
318,800	39,950	26,778	203,775	38,059	7,810	2,428	691,700	676,961	3,643	11,096	----------	1,404,683	712,983	11
18,235	5,550	3,035	9,650	----------	----------	----------	122,783	110,764	3,494	8,525	----------	173,564	50,781	12
49,785	12,200	5,351	32,234	----------	----------	----------	122,537	121,196	627	714	----------	204,406	81,869	13
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	14
71,255	6,300	33,861	21,609	8,800	----------	685	85,474	83,042	1,156	1,276	----------	255,333	169,859	15
654,671	31,200	80,822	502,814	39,835	----------	----------	2,247,777	2,226,597	3,982	17,198	----------	3,235,874	988,097	16
4,691,282	39,200	630,661	3,779,250	130,427	111,744	----------	4,652,463	3,267,286	1,318,615	66,562	----------	12,544,075	7,891,612	17
296,269	56,420	35,732	152,589	51,528	----------	----------	1,877,550	1,837,620	12,034	27,896	----------	2,461,944	584,394	18
730,414	32,652	88,132	593,930	13,900	1,800	----------	1,030,458	949,749	61,328	19,381	----------	2,039,095	1,008,637	19
738,743	116,072	124,442	463,838	34,391	----------	----------	483,915	451,570	6,996	17,359	7,990	1,682,015	1,198,100	20
(5)	(5)	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	21
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	22
867,091	42,744	66,240	715,426	32,882	7,023	2,776	297,749	207,289	72,606	17,854	----------	1,440,310	1,142,561	23
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	24
378,591	31,336	63,454	150,227	126,381	1,653	5,540	1,413,908	1,349,052	12,993	51,863	----------	2,338,326	924,418	25
377,299	52,222	60,952	122,777	140,374	----------	974	187,375	43,238	39,075	105,062	----------	820,020	632,645	26
20,329	----------	2,869	12,978	----------	4,482	----------	17,650	16,042	654	954	----------	54,366	36,716	27
933,744	28,500	90,269	814,975	----------	----------	----------	5,877,340	5,787,383	76,515	13,442	----------	8,212,871	2,335,531	28
381,939	10,369	44,042	290,406	----------	37,122	----------	918,829	518,863	333,400	66,566	----------	1,751,737	832,908	29
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	30
35,423	----------	----------	35,423	----------	----------	----------	18,341	18,125	100	116	----------	85,653	67,312	31
529,488	58,001	103,042	366,645	1,800	----------	----------	1,130,390	1,099,077	8,917	22,396	----------	1,767,678	637,288	32
216,918	18,584	23,387	172,679	2,268	----------	----------	221,377	209,620	2,654	9,103	----------	533,423	312,046	33
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	34
504,928	32,383	52,619	262,866	151,945	5,115	----------	4,364,681	4,308,853	35,417	20,411	----------	5,320,482	955,801	35
(5)	----------	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	36
651,228	50,514	135,788	406,820	58,106	----------	----------	1,000,818	966,844	11,420	22,554	----------	2,021,154	1,020,336	37
157,809	20,392	20,451	113,152	3,814	----------	----------	231,050	216,194	7,533	7,323	----------	555,840	324,790	38
2,720,087	240,630	716,893	1,302,693	459,871	----------	----------	1,068,776	969,632	30,562	53,223	15,359	6,122,603	5,053,827	39
16,772	4,560	8,992	3,220	----------	----------	----------	18,973	1,760	231	78	16,904	47,825	28,852	40
863,779	134,385	108,594	234,807	361,585	335	24,073	1,733,805	1,688,272	13,874	31,659	----------	4,173,025	2,439,220	41
101,634	17,955	10,913	65,628	7,138	----------	----------	138,289	127,670	5,422	5,197	----------	338,758	200,469	42
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	43
1,314,842	16,573	136,153	1,162,116	----------	----------	----------	5,610,183	4,955,826	555,556	98,801	----------	7,663,099	2,052,916	44
64,053	23,349	21,470	11,834	7,400	----------	----------	192,019	189,717	566	1,736	----------	273,608	81,589	45
1,104,956	50,900	154,087	838,099	61,870	----------	----------	3,357,545	3,068,976	230,667	57,902	----------	5,157,466	1,799,921	46
880,327	41,910	99,255	697,071	40,684	1,407	----------	2,940,492	2,895,697	21,784	18,454	4,557	4,825,477	1,884,985	47
38,732	3,550	14,950	19,430	802	----------	----------	211,773	197,079	8,350	6,344	----------	462,241	250,468	48
805,087	1,406	161,780	641,901	----------	----------	----------	8,402,877	7,980,785	321,045	101,047	----------	10,549,149	2,146,272	49
550,177	47,754	58,609	411,612	31,702	----------	500	1,159,385	1,113,050	25,043	21,292	----------	2,151,992	992,607	50
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	51
68,062	3,500	8,125	54,637	1,800	----------	----------	154,626	146,085	1,084	6,857	600	273,525	118,899	52
21,087	6,020	1,612	6,877	6,578	----------	----------	80,045	78,000	106	1,939	----------	124,026	43,981	53
37,018	3,450	6,665	25,790	----------	----------	1,113	34,828	33,191	1,054	583	----------	87,113	52,285	54
115,335	13,000	14,903	73,743	3,194	7,700	2,795	140,415	70,141	68,354	1,920	----------	250,738	110,323	55
103,239	----------	13,477	89,762	----------	----------	----------	1,132,347	1,116,021	5,060	11,266	----------	1,314,592	182,245	56
4,524,699	165,821	443,827	3,787,386	79,932	47,733	----------	3,453,277	3,058,993	114,393	29,497	250,394	10,542,348	7,089,071	57
304,957	17,196	20,308	245,376	22,077	----------	----------	568,951	553,404	10,965	4,582	----------	1,118,835	549,884	58
77,581	25,500	7,301	38,233	6,547	----------	----------	37,041	33,969	336	2,736	----------	160,609	123,568	59
1,372,894	25,350	87,396	1,253,866	6,282	----------	----------	3,453,615	3,365,144	21,167	67,304	----------	5,590,495	2,136,880	60
21,518,465	93,835	1,612,962	18,772,508	61,180	936,403	41,577	46,419,133	42,236,534	3,784,392	398,207	----------	79,794,862	33,375,729	61
337,766	41,100	18,153	239,040	39,473	----------	----------	456,969	438,071	11,824	7,074	----------	1,012,620	555,651	62
(5)	----------	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	63
6,531,673	267,823	636,647	5,382,369	224,679	19,591	564	3,460,071	2,392,705	881,917	176,334	9,115	13,309,733	9,849,662	64
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	65
6,532,037	116,036	691,891	5,264,425	213,121	175,464	71,100	3,603,501	3,081,968	332,624	124,409	64,500	11,073,367	7,469,866	66

TABLE 8.—GENERAL STATISTICS FOR THE

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED BY MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
1	16	Wiring devices and supplies	4	1	266	2	16	247	1	-------	-------
2	6	Wooden boxes except cigar boxes	6	1	145	8	14	119	4	-------	-------
3	6	Wood products not elsewhere classified	4	3	296	5	14	268	9	-------	-------
4	3	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	8	2	1,009	8	43	956	-------	-------	2
5	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	5	1	338	3	32	288	12	-------	3
6		Other industries [4]	202	73	27,732	160	2,242	24,485	383	404	58
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [4]									
7	1	Food and kindred products	32	29	511	5	30	443	31	-------	2
8	3	Textile-mill products and other fiber manufactures	6	-------	2,576	5	183	2,337	41	10	-------
9	4	Apparel and other finished products made from fabrics and similar materials	11	2	1,866	11	81	1,736	23	-------	15
10	6	Furniture and finished lumber products	14	4	686	10	52	594	30	-------	-------
11	8	Printing, publishing, and allied industries	8	1	121	9	21	84	7	-------	-------
12	9	Chemicals and allied products	11	-------	5,288	11	336	4,543	51	347	-------
13	10	Products of petroleum and coal	6	-------	156	4	11	138	-------	-------	3
14	13	Stone, clay, and glass products	38	15	4,873	31	449	4,307	39	47	-------
15	14	Iron and steel and their products, except machinery	25	7	5,529	25	438	4,993	73	-------	-------
16	15	Nonferrous metals and their products	7	-------	2,412	11	337	2,020	6	-------	38
17	16	Electrical machinery	10	4	648	3	80	559	6	-------	-------
18	17	Machinery (except electrical)	13	4	548	20	53	440	35	-------	-------
19	20	Miscellaneous industries	6	2	94	3	8	83	-------	-------	-------
20	2	Tobacco manufactures	7	2	922	5	26	883	8	-------	-------
	7	Paper and allied products	1	3	1,502	7	137	1,325	33	-------	-------
	11	Rubber products	1								
	12	Leather and leather products	2								
	18	Automobiles and automobile equipment	2								
	19	Transportation equipment except automobiles	2								

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.
[2] Figures do not include data for personnel of central-administrative offices.
[3] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	1
$116,470	$13,597	$14,130	$82,490	$6,253	----------	----------	$150,591	$139,653	$987	$9,951	----------	$276,158	$125,567	2
241,180	11,400	21,998	196,954	9,388	----------	$1,440	374,916	373,450	----------	1,066	$400	742,757	367,841	3
925,120	37,840	96,577	789,070	----------	----------	1,633	1,780,198	1,699,098	46,409	34,691	----------	3,312,053	1,531,855	4
228,123	8,650	21,069	180,916	14,640	----------	2,848	591,250	585,590	1,096	4,564	----------	921,677	330,427	5
33,030,817	926,454	4,465,147	26,404,039	686,917	$450,971	97,289	79,111,097	71,867,206	5,171,447	1,472,130	600,314	149,917,199	70,806,102	6
330,972	12,213	35,469	234,642	46,848	----------	1,800	1,537,484	1,472,590	35,818	26,275	2,801	2,567,438	1,029,954	7
2,330,678	112,080	341,256	1,823,483	40,120	13,739	----------	6,462,189	6,296,646	62,745	44,480	58,318	11,188,171	4,725,982	8
1,097,846	23,348	80,270	949,590	25,538	----------	19,100	1,428,904	1,410,942	3,729	14,233	----------	3,233,950	1,805,046	9
763,159	35,712	85,696	552,395	89,356	----------	----------	2,267,103	2,196,459	47,444	21,400	1,800	3,786,721	1,519,618	10
211,657	37,155	33,064	115,151	26,287	----------	----------	152,438	143,373	1,139	4,256	3,670	477,437	324,999	11
7,009,859	104,291	774,096	5,642,771	126,868	361,833	----------	9,831,723	9,037,903	670,271	91,118	32,431	25,091,009	15,259,286	12
131,669	6,550	13,629	111,149	----------	----------	361	607,129	567,563	6,221	33,345	----------	909,248	302,119	13
6,371,584	184,449	869,127	5,180,756	61,853	75,399	----------	9,185,099	7,131,617	1,520,503	532,979	----------	26,645,224	17,460,125	14
6,632,454	172,696	843,261	5,502,440	114,057	----------	----------	25,096,397	22,771,616	2,077,816	229,430	17,535	35,875,660	10,779,263	15
4,064,904	65,462	794,447	3,110,492	18,475	----------	76,028	10,083,663	9,146,064	564,699	248,943	123,957	20,309,124	10,225,461	16
917,670	15,532	156,133	727,682	18,323	----------	----------	2,991,630	2,756,767	91,611	143,252	----------	5,297,101	2,305,471	17
705,591	76,596	123,103	460,303	45,589	----------	----------	1,696,163	1,652,447	21,657	22,009	50	2,785,517	1,089,354	18
91,478	13,130	12,825	65,523	----------	----------	----------	78,880	71,731	2,825	3,812	512	221,545	142,665	19
2,371,296	67,260	302,771	1,927,662	73,603	----------	----------	7,692,295	7,211,488	64,969	56,598	359,240	11,529,054	3,836,759	20

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[6] For numbers of establishments and of wage earners in individual industries, see table 11.

TABLE 9.—GENERAL STATISTICS FOR THE WHEEL

This table presents, for the Wheeling Industrial Area, separate figures for each industry for which it is possible to publish such figures without disclosing exact or approxi
the industries for which combined figures are given, however, reported larger

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED BY MANUFACTURING ESTABLISHMENTS[1] Total[2]	Salaried officers of corporations[2]	Manufacturing: Salaried employees[1]	Manufacturing: Wage earners (average for year)[3]	Distribution	Construction	Other
1		All industries, total	412	206	49,204	317	3,066	43,519	1,090	1,136	76
2	11	Blast-furnace products	4	..	842	...	67	725	...	50	...
3	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	50	58	829	10	62	678	65	...	14
4	13	Brick and hollow structural tile	3	...	134	5	13	116	...	...	...
5	1	Candy and other confectionery products	3	2	7	...	...	7	...	...	...
6	9	Chemicals not elsewhere classified	3	...	51	...	6	45	...	...	...
7	13	Clay refractories, including refractory cement (clay)	10	1	731	7	40	680	4	...	...
8	13	Concrete products	4	5	8	...	...	8	...	...	...
9	6	Cooperage	7	3	43	2	5	36	...	...	...
10	1	Creamery butter	4	4	13	...	3	7	3	...	...
11	1	Flour and other grain-mill products	5	4	20	...	4	16	...	...	...
12	8	General commercial (job) printing	22	23	294	6	19	233	6	...	...
13	14	Gray-iron and semisteel castings	8	...	332	12	24	296	...	...	...
14	13	Hotel china	3	...	612	11	38	541	17	2	3
15	1	Ice cream and ices	13	5	151	8	21	57	60	...	5
16	1	Ice, manufactured	10	4	99	15	9	36	39	...	...
17	17	Machine-shop repairs	4	4	35	...	5	29	1	...	...
18	1	Malt liquors	3	...	171	6	22	95	41	7	...
19	1	Meat packing, wholesale	6	5	334	2	14	217	98	3	...
20	8	Newspapers, publishing and printing	22	11	568	5	165	286	112	...	...
21	1	Nonalcoholic beverages	17	17	151	10	11	53	72	...	5
22	15	Nonferrous-metal foundries (except aluminum)	5	4	71	5	8	53	4	...	1
23	7	Paper and paperboard mills	5		568	5	49	506	2	6	...
24	7	Paperboard containers and boxes not elsewhere classified	4	1	124	5	10	102	7	...	...
25	5	Planing mills not operated in conjunction with sawmills	4	1	41	2	6	19	14	...	...
26	13	Porcelain electrical supplies	5	1	348	9	22	304	13	...	...
27	13	Pottery products not elsewhere classified	10	5	1,057	12	45	990	6	2	2
28	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	5	7	13	...	...	13	...	...	...
29	13	Sewer pipe and kindred products	5	...	472	4	27	430	11	...	...
30	17	Special-industry machinery, not elsewhere classified	5	...	285	11	27	221	26	...	...
31	14	Steel works and rolling mills	14	...	19,562		878	17,820	...	864	...
32	13	Tableware, pressed or blown glass, and glassware not elsewhere classified	5	...	596	11	39	480	44	8	14
33	14	Tin cans and other tinware not elsewhere classified	4	...	1,070	5	102	947	16	...	...
34	14	Tools (except edge tools, machine tools, files, and saws)	4	2	152	3	25	120	4	...	...
35	6	Upholstered household furniture	4	1	292	7	24	252	9	...	...
36	14	Vitreous enameled products, including kitchen, household, and hospital utensils	4	...	1,363	9	149	1,193	12	...	...
37	13	Whiteware	9	1	6,152	20	268	5,558	108	169	29
38	6	Wooden boxes except cigar boxes	3	...	54	3	3	48	...	...	...
39		Other industries[6]	141	42	14,718	137	1,127	12,975	448	28	3
		OTHER INDUSTRIES, BY INDUSTRY GROUPS[6]									
40	1	Food and kindred products	17	7	431	4	25	292	107	3	...
41	4	Apparel and other finished products made from fabrics and similar materials	5	4	348		12	331	1	4	...
42	6	Furniture and finished lumber products	7	...	348	6	12	306	24	...	...
43	8	Printing, publishing, and allied industries	5	...	128	10	17	67	34	...	...
44	9	Chemicals and allied products	12	...	368	6	52	275	21	14	...
45	13	Stone, clay, and glass products	15	8	618	10	39	544	23	2	...
46	14	Iron and steel and their products, except machinery	28	2	7,607	32	547	6,974	54	...	...
47	15	Nonferrous metals and their products	5	...	700	8	42	640	10	...	...
48	17	Machinery (except electrical)	19	6	1,706	37	192	1,361	115	...	1
49	20	Miscellaneous industries	4	5	11	...	...	9	2	...	...
50	2, 7, 10, 16	Tobacco manufactures; Paper and allied products; Products of petroleum and coal; Electrical machinery	9; 3; 4; 4	6; 1; ...; 1	941; 156; 657; 257	4; 6; ...; 9	26; 6; 21; 70	902; 123; 636; 149	9; 21; ...; 27	...	...
	3, 11, 12, 18	Textile-mill products and other fiber manufactures; Rubber products; Leather and leather products; Automobiles and automobile equipment	1; 1; 1; 1	2	442	5	66	366	...	5	...

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.
[2] Figures do not include data for personnel of central-administrative offices.
[3] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

ING INDUSTRIAL AREA, BY INDUSTRIES: 1939

mate data for individual establishments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of numbers of wage earners or larger values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
$69,148,969	$1,724,124	$6,560,379	$57,784,542	$1,775,445	$1,183,051	$121,428	$183,230,586	$167,978,192	$12,128,442	$2,509,387	$614,565	$291,617,809	$108,387,223	1
1,256,870	----	188,541	1,051,381	----	16,948	----	21,846,085	17,781,889	4,040,369	23,827	----	23,420,192	1,574,107	2
991,635	29,661	90,671	790,250	63,524	----	17,529	1,644,866	1,572,744	41,268	30,854	----	3,532,662	1,887,796	3
176,692	25,500	17,333	133,859	----	----	----	92,131	36,132	47,069	8,930	----	321,060	228,929	4
4,440	----	----	4,440	----	----	----	18,071	17,525	240	306	----	28,784	10,713	5
(5)	----	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	6
1,058,129	37,912	94,322	910,535	15,360	----	----	532,567	160,880	322,476	49,211	----	2,332,486	1,799,919	7
9,694	----	----	9,694	----	----	----	25,012	24,440	318	254	----	50,551	25,539	8
40,502	5,600	7,223	27,679	----	----	----	103,627	102,208	834	585	----	164,464	60,837	9
13,308	----	2,926	6,482	3,900	----	----	79,131	76,187	929	2,015	----	102,464	23,333	10
21,393	----	6,040	15,353	----	----	----	155,750	150,588	2,723	2,439	----	195,415	39,665	11
355,611	22,437	67,388	255,672	10,114	----	----	298,794	278,229	4,134	9,867	6,564	954,591	655,797	12
457,451	59,700	58,461	339,290	----	----	----	360,499	278,816	63,155	18,528	----	1,044,695	684,196	13
753,780	57,160	55,448	597,304	37,631	3,461	2,776	359,426	277,916	67,857	13,653	----	1,303,711	944,285	14
210,708	28,152	29,239	74,546	73,231	----	5,540	480,610	454,934	4,749	20,927	----	857,866	377,256	15
138,292	33,162	12,281	46,362	46,487	----	----	52,023	13,132	15,664	23,227	----	284,097	232,074	16
48,115	----	4,751	41,096	2,268	----	----	27,810	23,679	797	3,334	----	114,797	86,987	17
292,571	45,250	48,222	119,021	70,603	9,475	----	346,616	317,880	17,968	10,768	----	966,917	620,301	18
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	19
802,300	27,440	216,545	434,908	123,407	----	----	335,804	307,699	15,025	12,921	159	1,862,367	1,526,563	20
184,235	21,679	14,241	52,991	90,096	----	5,228	330,990	321,151	2,966	6,873	----	764,043	433,053	21
112,179	19,755	13,313	71,073	7,138	----	900	182,477	170,538	6,100	5,839	----	408,470	225,993	22
807,817	29,450	119,162	644,177	8,500	6,528	----	1,724,782	1,533,512	133,357	57,913	----	3,087,572	1,362,790	23
135,446	19,800	14,191	94,265	7,190	----	----	249,807	239,573	2,602	3,075	4,557	484,677	234,870	24
60,843	2,634	8,400	31,566	18,243	----	----	160,262	156,717	707	2,838	----	272,090	111,828	25
353,170	28,584	33,356	263,255	27,975	----	----	242,896	195,715	30,157	14,351	2,673	645,884	402,988	26
1,527,163	104,400	93,845	1,303,844	22,400	1,227	1,447	541,805	396,811	99,749	45,245	----	2,811,323	2,269,518	27
10,854	----	----	10,854	----	----	----	45,319	34,356	1,663	----	9,300	93,535	48,216	28
571,631	9,265	51,117	492,313	18,936	----	----	237,116	91,167	131,572	11,377	3,000	1,045,604	808,488	29
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	30
30,646,908	----	2,295,157	27,415,348	----	936,403	----	92,038,974	85,467,314	5,349,384	1,222,276	----	141,375,943	49,336,969	31
667,000	31,697	61,442	491,637	56,470	9,954	15,800	354,769	191,159	135,724	18,771	9,115	1,278,433	923,664	32
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	33
179,170	12,739	44,660	116,036	5,735	----	----	295,630	270,078	18,922	6,630	----	684,730	389,100	34
328,750	43,855	36,730	233,680	14,485	----	----	534,303	527,977	3,112	3,214	----	1,111,011	576,708	35
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	36
7,330,611	150,402	760,216	5,955,030	218,399	175,464	71,100	3,873,605	3,256,796	388,567	132,157	96,085	12,514,781	8,641,176	37
(5)	(5)	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	38
19,601,701	877,890	2,115,158	15,750,601	833,353	23,591	1,108	55,659,029	53,250,450	1,178,285	747,182	483,112	87,502,594	31,843,565	39
475,007	23,303	53,574	272,033	120,982	5,115	----	4,308,858	4,236,603	45,248	27,007	----	5,253,328	944,470	40
183,203	----	16,594	161,067	1,850	3,692	----	292,165	286,076	1,674	4,415	----	715,730	423,565	41
403,869	32,740	21,761	306,141	43,227	----	----	804,397	787,448	1,788	15,161	----	1,887,909	1,083,512	42
168,792	35,730	28,414	65,989	38,659	----	----	202,149	147,115	1,770	3,825	49,439	510,782	308,633	43
535,045	15,772	97,071	359,153	55,976	7,073	----	2,960,791	2,756,356	121,360	50,644	32,431	5,243,030	2,282,239	44
770,770	42,250	61,216	639,008	27,785	511	----	513,482	385,003	81,946	46,533	----	1,791,197	1,277,715	45
10,324,125	308,419	964,534	8,909,309	141,863	----	----	27,440,800	26,646,894	379,521	387,839	26,546	41,806,911	14,366,111	46
906,317	40,620	71,789	768,942	24,966	----	----	1,726,841	1,664,090	49,863	12,888	----	3,301,698	1,574,857	47
2,577,669	148,496	355,212	1,823,423	250,470	----	68	3,949,093	3,793,508	71,778	79,806	4,001	7,463,975	3,514,882	48
12,496	----	----	10,725	1,771	----	----	35,304	33,416	1,695	193	----	77,309	42,005	49
3,244,408	230,560	444,993	2,434,811	125,804	7,200	1,040	13,425,149	12,513,941	421,642	118,871	370,695	19,450,725	6,025,576	50

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[6] For numbers of establishments and of wage earners in individual industries, see table 11.

TABLE 10. NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939

COUNTY	Total	INDUSTRY GROUP																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
The State	1,130	333	7	14	16	201	39	16	147	42	18	1	11	144	54	16	10	40	2	2	17
Barbour	11	2		1		5			2	1											
Berkeley	28	8		4	1		2	1	3		1			7				1			
Boone	3	1				1			1												
Braxton	5	1			1	1			2												
Brooke	26	7					1	3	3	1	2			4	5	1		1			
Cabell	100	28			4	9	11	1	7	5			1	12	9	1	4	2	1	1	4
Clay	5					4			1												
Fayette	20	4				6			5	1	3							1			
Gilmer	1	1																			
Grant	8	4				2			1				1								
Greenbrier	19	7				7			3		1			1							
Hampshire	9	3				2	2		1					1							
Hancock	41	9					1		5	1	1			15	9						
Hardy	32	2				27			1				1	1							
Harrison	51	18				4	3	1	6					11	1	3	1	1			2
Jackson	9	2				1			4					2							
Jefferson	20	5			1		1	1	2	1			1	7		1					
Kanawha	95	28				8	1	1	17	15	3	1		8	4	1	1	4			3
Lewis	14	3				2		1	2					6							
Logan	20	8				5			2					2				3			
Marion	30	11				2		1	2	1	1			5		1	1	4			1
Marshall	33	11	1		2		1		3		1		1	4	3	2	1	1			2
Mason	10	1			1				2	2				1	1			1		1	
McDowell	23	7				11			4		1										
Mercer	31	13		1	1	3			6	1				1	1		1	2			1
Mineral	11	3		2		2			3					1							
Mingo	10	5				1	1		2										1		
Monongalia	44	14			1	5			5		1			16				2			
Monroe	4	2				1			1												
Morgan	23	19		1		1			1				1								
Nicholas	13	3				6	1	1	2												
Ohio	106	38	6	1	2	3	6	3	12	6			1	6	11	5		6			
Pendleton	10	1				9															
Pleasants	5								2		1			1							1
Pocahontas	10	1				7			1				1								
Preston	23	2		1		13	1		1		1			3				1			
Putnam	6			1						2				2							1
Raleigh	34	9				16			4					3				1			1
Randolph	18	7				8			2				1								
Ritchie	10	2				2			2	1				3							
Roane	7	4							3												
Summers	7	2				3			2												
Taylor	7	1				1			2					3							
Tucker	6	2		1		1	1						1								
Tyler	6	1							2					1	1			1			
Upshur	13	7			1	2			2					1							
Wayne	17	3				5	2		2					4	1						
Webster	2					1			1												
Wetzel	21	4				6	2		2	2				4	1						
Wood	63	19		1	1	3	2	2	6	2			1	8	7	1	1	8			1
Wyoming	10	2				5			2		1										

TABLE 11.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE AND FOR THE WHEELING INDUSTRIAL AREA: 1939

[In order to avoid disclosing data for individual establishments, wage-earner figures for industries represented by fewer than three establishments are withheld]

Group No.[1]	TITLE	Number of establishments	Wage earners
	STATE OF WEST VIRGINIA		
1	Canned and dried fruits and vegetables (including canned soups)	17	287
	Cheese	1	
	Creamery butter	8	20
	Food preparations, not elsewhere classified	2	
	Malt liquors	2	
	Preserves, jams, jellies, and fruit butters	1	
	Vinegar and cider	1	
2	Cigars	6	
	Tobacco (chewing and smoking) and snuff	1	
3	Dyeing and finishing cotton, rayon, silk, and linen textiles	1	
	Hosiery—full-fashioned	1	
	Hosiery—seamless	3	1,771
	Silk yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	1	
4	Canvas products (except bags)	1	
	House dresses, uniforms, and aprons—made in contract factories	4	525
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	1	
	Housefurnishings (except curtains, draperies, and bedspreads)	1	
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in contract factories	1	
	Men's neckwear—made in inside factories or by jobbers engaging contractors	1	
	Trousers (semidress), wash suits, and washable service apparel	2	
6	Cigar boxes: wooden, part wooden	1	
	Household furniture, except upholstered	2	
	Matches	1	
	Mattresses and bedsprings	4	49
	Office furniture	1	
	Upholstered household furniture	2	
	Venetian blinds	1	
	Wood preserving	2	
7	Die-cut paper and paperboard, and converted cardboard	1	
8	Engraving (steel, copperplate, and wood); plate printing	1	
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	3	63
	Periodicals: publishing and printing	1	
	Periodicals: publishing without printing	1	
	Photoengraving, not done in printing establishments (including preparation of plates)	2	
9	Coal-tar products, crude and intermediate	2	
	Colors and pigments	2	
	Explosives	2	
	Fertilizers	1	
	Grease and tallow (except lubricating greases)	1	
	Insecticides, fungicides, and related industrial and household chemical compounds	1	
	Rayon and allied products	2	
10	Beehive coke	4	
	Fuel briquets	2	
11	Rubber products not elsewhere classified	1	
12	Footwear (except rubber)	2	
13	Cement	3	251
	China firing and decorating (for the trade)	1	
	Clay products (except pottery) not elsewhere classified	2	
	Clay refractories, including refractory cement (clay)	4	310
	Floor and wall tile (except quarry tile)	2	
	Glass containers	6	2,300
	Minerals and earths, ground or otherwise treated	3	60
	Mineral wool	1	
	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	2	
	Porcelain electrical supplies	4	
	Pottery products not elsewhere classified	6	331
	Statuary and art goods (except stone and concrete)—factory production	1	
	Vitreous-china plumbing fixtures	2	
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	1	
14	Blast-furnace products	2	
	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	1	
	Enameling, japanning, and lacquering	1	
	Gray-iron and semisteel castings	6	
	STATE OF WEST VIRGINIA—Continued		
14	Hardware not elsewhere classified	1	
	Malleable-iron castings	1	
	Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills	1	
	Steel barrels, kegs, and drums	1	
	Steel castings	2	
	Tin cans and other tinware not elsewhere classified	4	947
	Tools (except edge tools, machine tools, files, and saws)	3	
	Vitreous enameled products, including kitchen, household, and hospital utensils	2	
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	1	
	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	1	
	Collapsible tubes	1	
	Nonferrous-metal products not elsewhere classified	1	
	Primary smelting and refining of nonferrous metals	2	
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	1	
16	Batteries, storage and primary (dry and wet)	2	
	Carbon products for the electrical industry, and manufactures of carbon or artificial graphite	1	
	Electrical products not elsewhere classified	2	
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	1	
	Wiring devices and supplies	4	247
17	Cars and trucks, industrial	1	
	Oil-field machinery and tools	7	297
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	1	
	Special-industry machinery, not elsewhere classified	2	
	Tractors	2	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	2	
19	Cars and car equipment—railroad, street, and rapid-transit	1	
	Shipbuilding and ship repairing	1	
20	Brooms	2	
	Pencils (except mechanical) and crayons	1	
	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	3	12
	WHEELING INDUSTRIAL AREA		
1	Biscuit, crackers, and pretzels	1	
	Condensed and evaporated milk	4	
	Meat packing, wholesale	6	217
	Prepared feeds (including mineral) for animals and fowls	4	
	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	2	
2	Cigars	8	
	Tobacco (chewing and smoking) and snuff	1	
3	Dyeing and finishing cotton, rayon, silk, and linen textiles	1	
4	Canvas products (except bags)	1	
	Men's and boys' underwear—made in inside factories or by jobbers engaging contractors	1	
	Miscellaneous fabricated textile products not elsewhere classified	1	
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	1	
	Work gloves and mittens: cloth, cloth and leather combined	1	
6	Caskets, coffins, burial cases, and other morticians' goods	1	
	Cigar boxes: wooden, part wooden	1	
	Matches	1	
	Mattresses and bedsprings	1	
	Wooden boxes except cigar boxes	3	48
7	Die-cut paper and paperboard, and converted cardboard	1	
	Envelopes	1	
	Wallpaper	1	
8	Bookbinding and related industries	1	
	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	2	
	Newspapers: publishing without printing	1	
	Periodicals: publishing and printing	1	

See footnote at end of table.

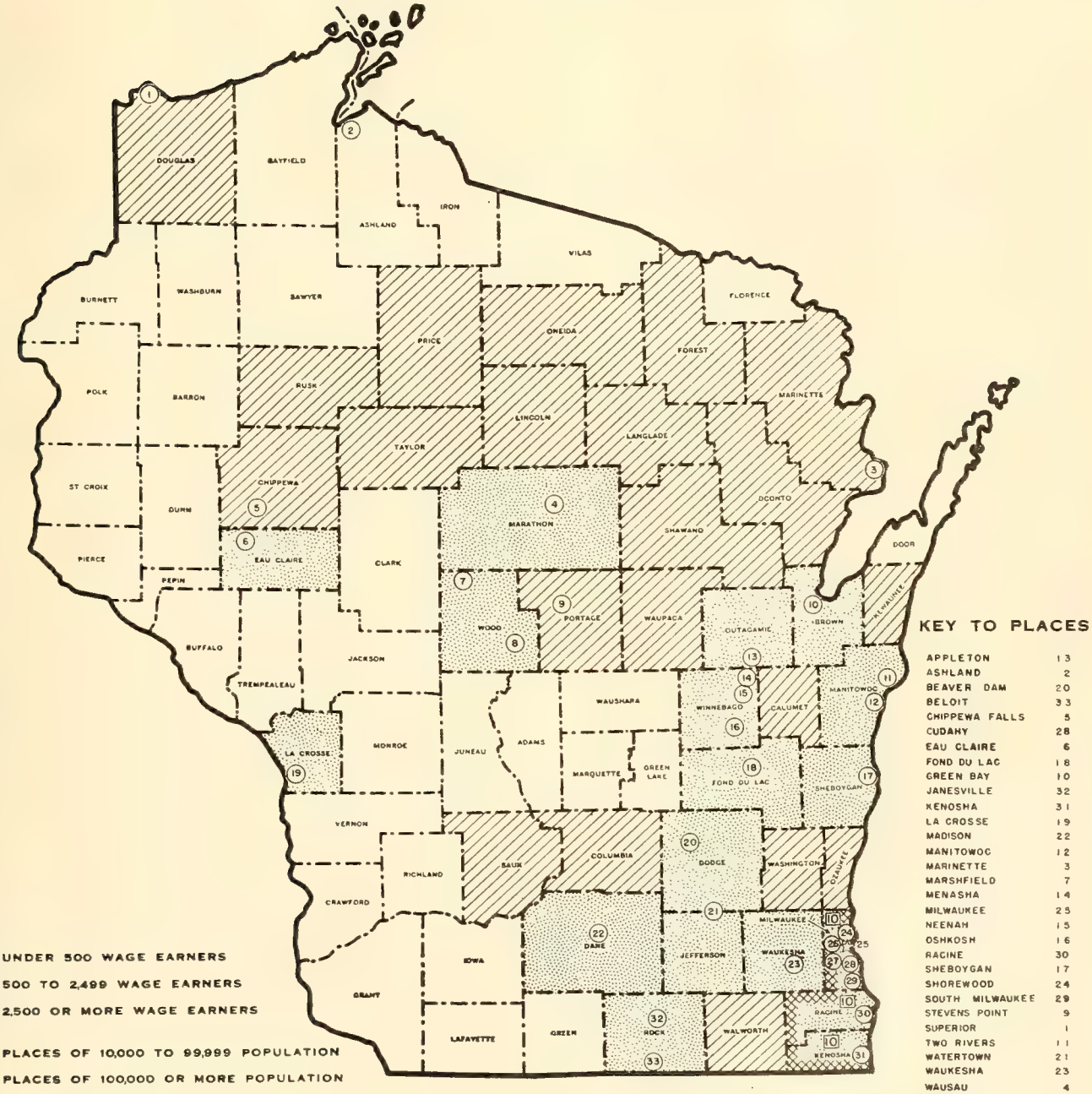
TABLE 11. INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE AND FOR THE WHEELING INDUSTRIAL AREA: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	WHEELING INDUSTRIAL AREA—Continued		
	Chemicals not elsewhere classified	3	45
	Coal tar products, crude and intermediate	1	
	Colors and pigments	1	
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	2	
	Drugs and medicines (including drug grinding)	3	
	Grease and tallow (except lubricating greases)	1	
	Paints, varnishes, and lacquers	1	
10	Oven coke and coke-oven byproducts	2	
	Paving blocks and paving mixtures—asphalt, creosoted wood, and composition	2	
11	Tires and inner tubes	1	
12	Saddlery, harness, and whips	1	
13	Abrasive wheels, stones, paper, cloth, and related products	1	
	China firing and decorating (for the trade)	1	
	Clay products (except pottery) not elsewhere classified	2	
	Floor and wall tile (except quarry tile)	2	
	Minerals and earths, ground or otherwise treated	5	
	Mirrors and other glass products made of purchased glass	2	
	Vitreous-china plumbing fixtures	1	
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	1	
14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	1	
	Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills	1	
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semi-vitreous china sanitary ware)	1	
	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	4	
	Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills	1	
	Power boilers and associated products	2	
	Stamped and pressed metal products (except automobile stampings)	5	
	WHEELING INDUSTRIAL AREA—Continued		
14	Steel barrels, kegs, and drums	1	
	Steel castings	1	
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	3	
	Tin cans and other tinware not elsewhere classified	4	947
	Vitreous enameled products, including kitchen, household, and hospital utensils	4	1,193
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	1	
	Collapsible tubes	1	
	Lighting fixtures	1	
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	1	
	Sheet-metal work not specifically classified	1	
16	Carbon products for the electrical industry, and manufactures of carbon or artificial graphite	1	
	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	1	
	Wiring devices and supplies	1	
	X-ray and therapeutic apparatus and electronic tubes	1	
17	Agricultural machinery (except tractors)	1	
	Cars and trucks, industrial	1	
	Industrial machinery, not elsewhere classified	2	
	Machine-shop products, not elsewhere classified	1	
	Metalworking machinery and equipment, not elsewhere classified	2	
	Pumping equipment and air compressors	2	
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	1	
	Special-industry machinery, not elsewhere classified	5	
	Woodworking machinery	1	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	1	
20	Artists' materials	1	
	Brooms	1	
	Brushes	1	
	Hand stamps, stencils, and brands	1	

[1] For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and of industry groups, sec. 27.

WISCONSIN

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939



KEY TO PLACES

APPLETON	13
ASHLAND	2
BEAVER DAM	20
BELOIT	33
CHIPPEWA FALLS	5
CUDAHY	28
EAU CLAIRE	6
FOND DU LAC	18
GREEN BAY	10
JANESVILLE	32
KENOSHA	31
LA CROSSE	19
MADISON	22
MANITOWOC	12
MARINETTE	3
MARSHFIELD	7
MENASHA	14
MILWAUKEE	25
NEENAH	15
OSHKOSH	16
RACINE	30
SHEBOYGAN	17
SHOREWOOD	24
SOUTH MILWAUKEE	29
STEVENS POINT	9
SUPERIOR	1
TWO RIVERS	11
WATERTOWN	21
WAUKESHA	23
WAUSAU	4
WAUWATOSA	26
WEST ALLIS	27
WISCONSIN RAPIDS	8

Prepared by the Bureau of the Census, Department of Commerce

WISCONSIN

Table 1. SUMMARY FOR THE STATE: 1939, 1937, AND 1929

Census year	Number of establishments	Proprietors and firm members	Number of persons employed in manufacturing [1]	Salaries and wages [1]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2]	Value of products [2]	Value added by manufacture [3]
1939	6,717	4,360	233,691	$328,639,375	$917,902,030	$1,604,507,356	$686,605,326
1937	6,318	3,356	272,681	378,872,528	1,062,486,184	1,772,310,417	709,824,233
1929	7,323	3,711	296,667	447,190,546	1,186,185,260	2,108,458,698	922,273,438

[1] Figure for 1939 does not include data for employees of manufacturing establishments (except salaried officers of corporations) who were engaged in distribution, construction, and other nonmanufacturing work. For detail, see table 8. It is not known to what extent data for such nonmanufacturing employees were included in figures reported for earlier years. See General Explanations—Persons engaged—general classification.

[2] The aggregates for cost of materials, etc., and value of products include large amounts of duplication due to the use of the products of some industries as materials by others. See General Explanations—Duplication in cost of materials and value of products.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See General Explanations—Value added by manufacture.

Table 2.—SUMMARY FOR THE MILWAUKEE INDUSTRIAL AREA, COUNTIES, AND PLACES: 1939

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2,3]	Value of products [2,3]	Value added by manufacture [4]
The State	3,137,587	[5] 6,717	200,897	$251,946,993	$917,902,030	$1,604,507,356	$686,605,326
Milwaukee Industrial Area [5]	924,137	1,936	98,415	137,897,194	392,224,026	753,680,088	361,456,062
COUNTIES [5]							
Adams	8,449	8	19	12,504	159,754	198,510	38,756
Ashland	21,801	33	393	428,236	1,565,557	2,802,001	1,236,444
Barron	34,289	60	424	339,886	3,766,572	5,029,315	1,262,743
Bayfield	15,827	25	360	448,313	1,362,382	3,114,546	1,752,164
Brown	83,109	178	5,037	5,992,176	40,604,437	58,809,307	18,204,870
Buffalo	16,090	22	124	93,197	1,210,873	1,466,286	255,413
Burnett	11,382	11	145	121,040	563,739	770,473	206,734
Calumet	17,618	68	754	665,281	4,188,693	6,279,114	2,090,421
Chippewa	40,703	77	1,201	1,124,596	8,323,129	11,335,617	3,012,488
Clark	33,972	118	373	313,757	6,102,922	7,436,033	1,333,111
Columbia	32,517	70	1,067	868,643	4,086,842	6,256,774	2,169,932
Crawford	18,328	47	374	379,484	1,943,105	2,783,599	840,494
Dane	130,660	259	4,082	5,475,773	28,137,197	47,077,565	18,940,368
Dodge	54,280	207	3,347	3,054,835	12,311,071	21,518,049	9,206,978
Door	19,095	37	253	205,791	2,613,693	3,550,381	936,688
Douglas	47,119	36	624	661,012	3,021,321	5,086,194	2,064,873
Dunn	27,375	33	239	223,278	3,337,791	4,003,212	665,421
Eau Claire	46,999	68	3,563	4,804,311	23,731,772	35,959,853	12,228,081
Florence	4,177	3	26	9,806	26,691	48,963	22,272
Fond du Lac	62,353	137	3,650	3,546,990	13,865,707	23,679,636	9,813,929
Forest	11,805	15	795	724,577	581,255	2,008,291	1,427,036
Grant	40,639	100	288	256,587	3,181,250	4,009,766	828,516
Green	23,146	134	385	454,659	4,569,028	6,006,882	1,437,854
Green Lake	14,092	32	390	321,808	2,036,860	3,204,674	1,167,814
Iowa	20,595	111	165	139,980	1,989,388	2,417,893	428,505
Iron	10,049	7	21	17,987	227,410	308,711	81,301
Jackson	16,599	25	120	101,322	932,642	1,181,109	248,467
Jefferson	38,868	100	3,073	3,197,297	14,133,943	24,258,041	10,124,098
Juneau	18,708	23	99	96,003	1,172,366	1,515,104	342,738
Kenosha	63,505	73	8,636	12,377,309	53,300,168	84,625,723	31,325,555
Kewaunee	16,680	72	867	751,585	3,209,924	4,958,498	1,748,574
La Crosse	59,653	97	4,040	4,525,447	11,674,115	24,883,730	13,209,615
Lafayette	18,695	87	111	124,375	1,798,197	2,054,352	256,155
Langlade	23,227	39	1,128	892,183	1,979,273	3,794,126	1,814,853
Lincoln	22,536	52	1,176	1,025,779	4,905,970	7,676,268	2,770,298
Manitowoc	61,617	186	5,268	6,276,361	24,800,383	45,439,172	20,638,789
Marathon	75,915	190	4,738	5,296,174	20,545,612	33,489,122	12,943,510
Marinette	36,225	50	2,127	2,386,858	8,868,836	16,902,917	8,034,081
Marquette	9,097	14	58	60,967	377,672	568,823	191,151
Milwaukee	766,885	1,657	80,255	112,059,610	306,853,629	596,556,119	289,702,490
Monroe	30,080	24	100	112,063	2,395,256	2,836,372	441,116
Oconto	27,075	89	944	726,332	3,553,216	5,369,490	1,816,274
Oneida	18,938	28	1,181	1,317,249	4,000,749	7,724,849	3,724,100
Outagamie	70,032	170	5,261	6,348,779	21,943,109	38,860,085	16,916,976
Ozaukee	18,985	64	1,429	1,320,273	3,862,185	7,149,268	3,287,083
Pepin	7,897	8	85	82,442	1,219,291	1,440,697	221,406
Pierce	21,471	25	159	119,955	1,969,003	2,304,095	335,092
Polk	26,197	39	292	237,010	2,807,284	3,598,743	791,459
Portage	35,800	57	1,260	1,255,554	5,463,386	8,998,047	3,534,661
Price	18,467	34	652	641,693	2,835,586	4,790,543	1,954,957

See footnotes at end of table.

TABLE 2.—SUMMARY FOR THE MILWAUKEE INDUSTRIAL AREA, COUNTIES, AND PLACES: 1939—Continued

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [1]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2,3]	Value of products [2,3]	Value added by manufacture [4]
COUNTIES [5]—continued							
Racine	94,047	206	9,523	$13,460,275	$32,070,229	$72,498,246	$40,428,017
Richland	20,381	69	167	168,894	2,646,686	3,129,423	482,737
Rock	80,173	94	8,140	11,396,841	59,039,060	92,885,775	33,846,715
Rusk	17,737	24	539	444,070	2,576,152	3,614,902	1,038,750
St. Croix	24,842	32	229	213,352	3,697,479	4,745,876	1,048,397
Sauk	33,700	62	541	532,847	3,237,934	4,399,989	1,162,055
Sawyer	11,540	23	273	173,529	343,995	713,139	369,144
Shawano	35,378	110	752	633,235	4,918,735	6,481,997	1,563,262
Sheboygan	76,221	234	9,065	9,871,820	31,012,347	58,013,933	27,001,586
Taylor	20,105	32	715	598,467	2,173,070	3,424,725	1,251,655
Trempealeau	24,381	29	140	117,205	2,244,292	2,744,681	500,389
Vernon	29,940	49	148	129,641	2,628,138	3,080,122	451,984
Vilas	8,894	8	149	120,628	236,583	493,700	257,117
Walworth	33,103	51	808	726,852	2,437,023	4,145,419	1,708,396
Washburn	12,496	15	115	97,909	605,067	822,201	217,134
Washington	28,430	72	2,086	2,051,539	9,256,120	15,765,292	6,509,172
Waukesha	62,744	100	3,267	3,963,230	12,589,047	24,846,896	12,257,849
Waupaca	34,614	84	949	909,433	6,159,522	8,540,309	2,380,787
Waushara	14,268	16	96	79,858	1,031,090	1,237,661	206,571
Winnebago	80,507	203	8,424	9,968,490	39,076,204	63,416,169	24,339,965
Wood	44,465	85	3,613	4,271,751	21,813,023	33,369,963	11,556,940
PLACES HAVING 10,000 OR MORE INHABITANTS							
Appleton	28,436	68	2,832	3,326,029	8,396,250	16,998,746	8,602,496
Ashland	11,101	16	279	358,525	1,044,208	2,148,467	1,104,259
Beaver Dam	10,356	19	1,501	1,514,371	4,559,151	8,884,470	4,325,319
Beloit	25,365	37	4,547	6,205,042	9,978,778	24,532,289	14,553,511
Chippewa Falls	10,368	25	556	542,737	1,740,880	3,052,071	1,311,191
Cudahy	10,561	18	3,458	4,811,262	26,746,861	39,324,502	12,577,641
Eau Claire	30,745	56	3,495	4,758,541	23,047,373	35,066,587	12,019,214
Fond du Lac	27,209	60	2,233	2,318,691	7,380,360	13,758,782	6,378,422
Green Bay	46,235	84	3,429	4,156,343	16,937,309	29,085,537	12,148,228
Janesville [7]	22,992	34	2,815				
Kenosha [7]	48,765	68	8,572				
La Crosse	42,707	78	3,882	4,437,628	10,587,775	23,511,197	12,923,422
Madison	67,447	117	3,366	4,761,131	22,408,012	38,823,041	16,415,029
Manitowoc	24,404	63	2,959	3,748,796	16,901,401	30,504,390	13,602,989
Marinette	14,183	23	960	955,664	3,357,925	6,034,848	2,676,923
Marshfield	10,359	27	991	805,732	3,301,871	5,937,606	2,635,735
Menasha	10,481	34	3,047	4,140,922	20,455,279	30,720,712	10,265,433
Milwaukee	587,472	1,489	61,672	84,922,173	220,238,347	437,444,671	217,206,324
Neenah	10,645	35	1,076	1,354,630	4,263,079	7,653,317	3,390,238
Oshkosh	39,089	94	4,165	4,378,352	12,157,306	22,408,122	10,250,816
Racine	67,195	171	7,846	11,573,035	25,682,869	61,256,539	35,573,670
Sheboygan	40,638	101	5,047	5,111,921	13,894,795	26,629,099	12,734,304
Shorewood	15,184	5	25	23,355	43,744	113,198	69,454
South Milwaukee	11,134	21	1,819	2,588,067	6,074,998	13,907,107	7,832,109
Stevens Point	15,777	32	812	765,188	2,698,894	4,791,103	2,092,209
Superior [7]	35,136	33	417				
Two Rivers	10,302	20	1,927	2,175,654	4,612,351	10,639,747	6,027,396
Watertown	11,301	31	1,024	970,185	3,405,788	5,869,474	2,463,686
Waukesha	19,242	55	2,728	3,361,844	8,262,200	18,839,822	10,577,622
Wausau	27,268	62	3,065	3,266,503	8,367,249	16,625,704	8,258,455
Wauwatosa	27,769	20	370	433,668	995,516	2,098,411	1,102,895
West Allis	36,364	57	9,424	14,646,342	33,437,941	68,603,446	35,165,505
Wisconsin Rapids [7]	11,416	16	1,388				

[1] Not including salaried officers and employees nor nonmanufacturing wage earners. The figure for each county or place is an average of the numbers reported for the several months of the year. In calculating it, equal weight must be given to full-time and to part-time wage earners (not reported separately by the manufacturers), and for this reason it exceeds the number that would have been required to perform the work done in the industries if all wage earners had been continuously employed throughout the year. The quotient obtained by dividing the amount of wages by the average number of wage earners cannot, therefore, be accepted as representing the average wage received by full-time wage earners. Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several counties do not add exactly to the average for the State. In making comparisons between the figures for1939 and those for earlier years, the possibility that the proportion of part-time employment varied from year to year should be taken into account.

[2] Profits and losses cannot be calculated from the census figures because no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, and advertising.

[3] See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

[5] For numbers of establishments by "Industry groups," see table 11.

[6] The Milwaukee Industrial Area comprises Kenosha, Milwaukee, and Racine Counties. For statistics by industries for the area, see table 9.

[7] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments.

TABLE 3.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, BY SEX: 1939 AND 1929

[The 1939 questionnaire, for the first time, called for data on the *total* number of employees in manufacturing establishments, including those engaged wholly or chiefly in distribution, construction, and other nonmanufacturing activities. It is not known to what extent data for such employees were included in the figures reported for earlier years. This table presents detailed figures for employees receiving pay at any time within the *normal* pay-roll period ended nearest Oct. 14, 1939, and for such employees on the pay roll on Dec. 14, 1929, or on the nearest *representative* date. The total for "Wage earners engaged in manufacturing" is not identical with the average for the year (given in other tables) and differs from the number reported for October 1939 or for December 1929, because for both years some manufacturers gave wage-earner figures for months other than those specified. See GENERAL EXPLANATIONS—Persons engaged—general classification]

CLASS AND SEX	1939 (Oct. 14) [1]	1929 (Dec. 14) [1]	CLASS AND SEX	1939 (Oct. 14) [1]	1929 (Dec. 14) [1]
All classes, aggregate [2]	273,543	296,903	Salaried officers and employees—Continued.		
Male	220,156	245,716	All other employees, etc.—Continued.		
Female	53,387	51,187	Engaged in manufacturing:		
Salaried officers and employees, total	53,728	42,873	Male	21,015	
Male	40,742	31,457	Female	7,271	
Female	12,986	11,416	Engaged in distribution:		
Salaried officers of corporations, total	4,508	5,617	Male	13,142	
Male	4,226	5,362	Female	5,202	(3)
Female	282	255	Engaged in construction:		
All other employees (except wage earners in manufacturing), total	49,220	37,256	Male	1,739	
Male	36,516	26,095	Engaged in other work:		
Female	12,704	11,161	Male	620	
			Female	231	
			Wage earners engaged in manufacturing, total	219,815	254,030
			Male	179,414	214,259
			Female	40,401	39,771

[1] See headnote.
[2] Figures do not include data for 4,360 proprietors and firm members for 1939 and 3,741 for 1929, which were not reported by sex for 1939.
[3] No data.

TABLE 4.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS: 1939, 1937, AND 1929

[The figures for 1939 relate to wage earners engaged in manufacturing only. It is not known to what extent the figures for earlier years include data for nonmanufacturing wage earners. See headnote to table 3]

CENSUS YEAR	Average number employed during year [1]	NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH—											
		January	February	March	April	May	June	July	August	September	October	November	December
1939	200,897	184,435	188,334	191,708	191,862	193,649	200,291	207,160	205,202	210,560	213,722	212,043	211,799
1937	234,067	220,379	225,506	234,594	236,598	236,481	241,437	259,481	242,240	243,146	234,815	222,857	211,271
1929	253,794	244,986	251,701	254,131	254,930	256,144	255,758	269,762	259,906	257,554	259,163	245,246	236,251

[1] See GENERAL EXPLANATIONS—Wage earners and wages.

TABLE 5.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY NUMBER OF WAGE EARNERS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS	VALUE ADDED BY MANUFACTURE [2]
	1939	1929	1939	1929	1939	1939
All establishments	6,717	7,323	200,897	253,794	$1,604,507,356	$686,605,326
No wage earners	652	654	.....	.....	11,747,733	2,271,140
1 to 5	3,581	3,909	7,539	7,850	107,442,358	27,375,321
6 to 20	1,208	1,240	13,109	13,704	113,658,527	45,751,348
21 to 50	588	693	18,813	22,359	146,052,952	65,002,226
51 to 100	278	328	19,528	23,501	131,792,295	57,197,351
101 to 250	243	297	38,507	47,655	284,887,015	131,971,611
251 to 500	105	122	37,540	42,862	270,524,059	129,752,226
501 to 1,000	45	43	30,417	29,159	270,636,667	110,125,815
1,001 to 2,500	12	30	18,050	40,179	135,316,524	63,049,112
2,501 or more	5	7	17,394	26,525	132,449,226	54,109,176

[1] See headnotes to tables 3 and 4.

[2] See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 6.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY VALUE OF PRODUCTS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
All establishments	6,717	7,323	200,897	253,794	$1,604,507,356	$2,108,458,698	$686,605,326	$922,273,438
$5,000 to $19,999	2,394	2,204	4,775	4,076	28,585,712	26,552,310	11,308,562	12,307,301
$20,000 to $49,999	1,866	2,196	6,721	6,663	58,472,878	70,647,728	18,264,580	23,388,323
$50,000 to $99,999	887	950	9,336	8,622	62,858,439	66,210,404	25,345,170	27,521,212
$100,000 to $249,999	681	889	16,740	21,258	110,401,806	142,133,606	49,137,642	64,037,784
$250,000 to $499,999	372	441	20,028	23,995	132,301,517	156,956,545	60,338,265	76,173,043
$500,000 to $999,999	227	293	24,267	31,525	155,766,449	205,991,965	69,389,024	96,194,587
$1,000,000 to $2,499,999	175	217	38,896	48,262	272,793,015	339,380,367	124,842,110	155,220,146
$2,500,000 to $4,999,999	70	70	29,883	28,785	245,570,781	238,348,750	116,255,208	112,474,235
$5,000,000 and over	45	63	50,251	80,608	537,756,759	862,237,023	211,724,765	354,956,807

[1] See headnotes to tables 3 and 4.

[2] See GENERAL EXPLANATIONS—Value added by manufacture.

TABLE 7.—ESTABLISHMENTS CLASSIFIED AS UNDER CORPORATE OR OTHER FORM OF OWNERSHIP (OR CONTROL) AND AS UNDER CENTRAL-ADMINISTRATIVE-OFFICE OR INDEPENDENT OPERATION: 1939 AND 1929

TYPE OF OWNERSHIP OR CONTROL, AND OF OPERATION	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
Total	6,717	7,323	200,897	253,794	$1,604,507,356	$2,108,458,698	$686,605,326	$922,273,438
TYPE OF OPERATION								
1939 [3]								
Corporate ownership or control:								
Central-administrative-office (plural-unit)	752	(3)	104,451	(3)	963,429,845	(3)	390,598,418	(3)
Independent (single-unit)	2,287	(3)	84,377	(3)	512,950,031	(3)	263,461,812	(3)
Noncorporate ownership:								
Central-administrative-office (plural-unit)	190	(3)	1,030	(3)	10,123,652	(3)	2,389,201	(3)
Independent (single-unit)	3,488	(3)	11,039	(3)	118,003,828	(3)	30,155,895	(3)
1939 AND 1929 [3]								
Central-administrative-office (plural-unit), corporate and noncorporate	942	744	105,481	98,661	973,553,497	1,008,800,500	392,987,619	405,949,546
Independent (single-unit), corporate and noncorporate	5,775	6,579	95,416	155,133	630,953,859	1,099,658,198	293,617,707	516,323,892
TYPE OF OWNERSHIP OR CONTROL								
Corporate	3,039	3,597	188,828	239,134	1,476,379,876	1,981,141,843	654,060,230	878,607,392
Noncorporate, total	3,678	3,726	12,069	14,660	128,127,480	127,316,855	32,545,096	43,666,046
Individual	2,499	(4)	6,887	(4)	66,407,670	(4)	18,801,313	(4)
Partnership	579	(4)	3,610	(4)	22,015,610	(4)	8,815,735	(4)
Cooperative	585	(4)	1,438	(4)	38,515,344	(4)	4,269,899	(4)
Other	15	(4)	134	(4)	1,188,856	(4)	658,149	(4)

[1] See headnotes to tables 3 and 4.

[2] See GENERAL EXPLANATIONS—Value added by manufacture.

[3] Because of changes in the questionnaire, no comparable figures for 1929 can be given for the first section of this table. For this reason, the items have been regrouped under "1939 and 1929" to present comparable figures so far as this can be done.

[4] No data.

475614—42——70

TABLE 8.—GENERAL STATISTICS FOR

[This table presents separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments, given, however, reported larger numbers of wage earners or

		INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS[1] Total[2]	Salaried officers of corporations[3]	Manufacturing: Salaried employees[3]	Manufacturing: Wage earners (average for year)[3]	Distribution	Construction	Other
1		All industries, total	6,717	4,360	254,625	4,508	28,286	200,897	18,344	1,739	851
2	17	Agricultural machinery (except tractors)	30	4	2,815	45	452	2,218	97	1	2
3	15	Alloying, and rolling and drawing of nonferrous metals, except aluminum	3		1,304	2	148	1,045	17	92	
4	15	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	6	2	235	11	19	200	4	1	
5	15	Aluminum ware, kitchen, hospital, and household (except electrical appliances)	11		4,106	21	471	3,250	362	2	
6	14	Automobile stampings	5		239	9	27	200	3		
7	16	Automotive electrical equipment	3		276	3	43	206	24		
8	1	Baking powder, yeast, and other leavening compounds	4		169	5	19	140	1		4
9	16	Batteries, storage and primary (dry and wet)	8	5	1,758	16	278	1,337	114	13	
10	3	Batting, padding, and wadding upholstery filling	7	3	150	11	20	106	13		
11	1	Biscuit, crackers, and pretzels	6	1	808	6	102	578	116	3	3
12	19	Boat building and boat repairing	10	6	159	11	9	131	8		
13	14	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	3		319	6	52	236	17	3	5
14	8	Bookbinding and related industries	17	10	664	28	47	515	74		
15	8	Books, printing without publishing	16		1,505	44	116	867	411	67	
16	8	Books, publishing without printing	5	3	55	1	34		20		
17	12	Boot and shoe cut stock and findings	5		271	7	17	243	4		
18	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	604	602	5,823	94	268	4,480	862	14	105
19	13	Brick and hollow structural tile	15	8	186	13	11	158	4		
20	20	Brooms	6	6	40	1	2	37			
21	20	Brushes	9	8	160	11	8	110	31		
22	1	Candy and other confectionery products	33	20	1,093	22	68	809	162	8	24
23	1	Canned and dried fruits and vegetables (including canned soups)	122	1	4,826	150	377	4,196	48	41	14
24	4	Canvas products (except bags)	6	3	111	11	7	65	28		
25	3	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	3		401	7	41	314	31	8	
26	19	Cars and car equipment—railroad, street, and rapid-transit	4		329		17	312			
27	17	Cars and trucks, industrial	3		107	9	9	85	4		
28	6	Caskets, coffins, burial cases, and other morticians' goods	18	7	440	26	45	304	62	3	
29	1	Cheese	1,817	1,756	2,029	11	81	1,891	46		
30	9	Chemicals not elsewhere classified	7	1	183	8	29	113	33		
31	1	Chocolate and cocoa products	3		233	3	29	154	47		
32	2	Cigars	29	29	187	10	5	166	6		
33	13	Clay products (except pottery) not elsewhere classified	3	5	11			11			
34	9	Cleaning and polishing preparations, blackings, and dressings	20	4	587	30	94	215	247		1
35	4	Clothing, leather and sheep-lined	6	1	734	17	78	573	63	3	
36	7	Coated and glazed paper	6		429	9	39	344	36	1	
37	9	Colors and pigments	3		32	5	6	17	4		
38	16	Communication equipment	4		343	5	40	244	54		
39	9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	10		112	4	15	64	29		
40	13	Concrete products	76	63	618	37	52	457	65	7	
41	1	Condensed and evaporated milk	92	14	2,614	23	303	2,086	131	28	43
42	17	Construction and similar machinery (except mining and oil-field machinery and tools)	19	4	5,150	25	940	3,949	150	48	38
43	7	Converted paper products not elsewhere classified	15		1,583	21	102	1,291	163	4	2
44	6	Cooperage	10	2	304	12	14	270	8		
45	1	Creamery butter	418	322	2,296	37	314	1,593	315	32	5
46	1	Cured fish	3	3	24	2	4	12	6		
47	14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	9	1	312	16	47	232	15	2	
48	7	Die-cut paper and paperboard, and converted cardboard	3	1	85	2	10	73			
49	9	Drugs and medicines (including drug grinding)	16	6	343	20	42	128	147	6	
50	16	Electrical appliances	4		775	4	82	599	90		
51	16	Electrical products not elsewhere classified	10	7	201	10	29	151	11		
52	15	Electroplating, plating, and polishing	14	5	203	19	13	162	8	1	
53	8	Electrotyping and stereotyping, not done in printing establishments	8	1	100	18	11	64	7		
54	17	Elevators, escalators, and conveyors	7	1	111	18	13	67	13		
55	14	Enameled-iron sanitary ware and other plumbers' supplies not including pipe and vitreous and semivitreous china sanitary ware	14	2	3,909	36	311	3,352	176	30	4
56	8	Engraving (steel, copperplate, and wood), plate printing	9	6	59	10	8	40	1		
57	7	Envelopes	4		147	10	17	107	13		
58	6	Excelsior	4		167	2	6	156	3		
59	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	26	3	1,151	59	187	803	102		
60	3	Felt goods, wool, hair, and jute (except woven felts and hat bodies and hats)	3		296	4	21	266	5		
61	9	Fertilizers	6		243	4	28	139	46	26	
62	1	Flavoring extracts and flavoring sirups, not elsewhere classified	9	4	39	8	3	17	11		
63	1	Flour and other grain-mill products	18	13	485	21	58	331	69	4	2
64	1	Food preparations, not elsewhere classified	26	15	313	22	34	206	49		2
65	17	Food-products machinery	22	7	1,906	31	173	1,483	214		5
66	12	Footwear (except rubber)	52	11	11,099	67	659	9,770	603		

See footnotes at end of table.

THE STATE, BY INDUSTRIES: 1939

and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures are larger values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
367,540,784	24,028,631	52,663,751	251,946,993	35,067,131	2,578,449	1,255,829	917,902,030	879,739,983	20,925,391	11,540,484	5,696,172	1,604,507,356	686,605,326	1
3,927,764	167,372	775,479	2,800,070	182,889	1,670	284	6,477,334	6,259,939	136,247	67,436	13,712	12,839,536	6,362,202	2
(5)	(5)	(5)	(5)	(5)	(5)	------	(5)	(5)	(5)	(5)	------	(5)	(5)	3
327,093	44,370	28,483	237,140	14,100	3,000	------	413,325	392,676	8,871	11,778	------	940,855	527,530	4
5,747,829	257,525	801,026	3,702,067	983,561	3,650	------	7,164,159	6,839,321	147,246	172,578	5,014	17,583,854	10,419,695	5
412,157	63,910	45,497	293,583	9,167	------	------	540,699	506,836	4,265	13,727	15,871	1,215,277	674,578	6
277,071	24,623	64,900	142,220	45,328	------	------	406,883	396,489	3,743	6,651	------	794,489	387,606	7
(5)	(5)	(5)	(5)	(5)	------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	8
2,704,728	195,205	571,038	1,703,841	218,498	16,146	------	4,550,775	4,423,320	44,784	82,671	------	10,649,621	6,098,846	9
227,279	53,598	39,293	116,064	18,324	------	------	579,511	561,219	4,856	12,283	1,153	954,365	374,854	10
976,757	34,700	166,402	595,406	171,654	5,372	3,223	1,664,893	1,611,847	39,702	13,344	------	3,689,858	2,024,965	11
211,676	49,416	16,346	136,897	9,017	------	------	254,112	247,572	2,716	3,788	36	569,569	315,457	12
514,460	48,754	102,448	329,996	23,054	3,456	6,752	873,409	818,308	9,159	15,807	30,135	1,946,137	1,072,728	13
846,969	106,694	56,421	553,768	130,086	------	------	786,944	759,914	5,955	14,693	6,382	1,970,659	1,183,715	14
2,811,230	419,681	302,727	1,275,795	649,563	163,464	------	2,639,370	2,369,200	22,705	58,477	188,988	6,250,279	3,610,909	15
81,297	2,700	40,577	------	38,020	------	------	71,901	8,565	137	80	63,119	231,817	159,916	16
332,998	24,931	39,713	255,169	13,185	------	------	795,627	778,183	4,703	12,080	661	1,261,662	466,035	17
7,215,241	367,729	431,258	5,404,969	888,259	11,304	111,722	12,013,018	11,308,728	459,473	244,817	------	25,563,868	13,550,850	18
199,512	37,399	14,062	143,997	4,054	------	------	120,595	23,713	82,024	14,043	815	447,958	327,363	19
36,243	2,345	1,943	31,955	------	------	------	60,330	59,001	401	928	------	139,642	79,312	20
204,967	39,621	14,009	106,996	44,341	------	------	186,298	180,931	1,696	3,671	------	479,173	292,875	21
1,117,050	64,858	88,536	653,497	272,309	13,771	24,079	2,369,779	2,314,924	27,609	27,246	------	4,313,489	1,943,710	22
3,186,431	379,864	465,788	2,208,930	70,411	34,014	27,424	11,089,553	10,788,719	208,450	92,384	------	19,272,516	8,182,963	23
112,248	21,987	14,565	62,301	13,395	------	------	122,926	120,639	785	1,502	------	295,031	172,105	24
(5)	(5)	(5)	(5)	(5)	(5)	------	(5)	(5)	(5)	(5)	------	(5)	(5)	25
488,833	------	53,697	435,136	------	------	------	500,506	487,283	3,590	9,633	------	997,474	496,968	26
(5)	(5)	(5)	(5)	(5)	------	------	(5)	(5)	(5)	(5)	------	(5)	(5)	27
554,312	87,276	62,743	266,403	135,754	2,136	------	887,735	858,286	18,528	10,921	------	1,689,526	801,791	28
2,102,752	22,260	79,282	1,955,040	46,170	------	------	47,243,931	46,286,175	730,391	225,878	1,487	52,900,812	5,656,881	29
322,906	32,391	69,694	169,197	51,624	------	------	505,361	379,245	73,247	52,869	------	1,524,607	1,019,246	30
(5)	(5)	(5)	(5)	(5)	------	------	(5)	(5)	(5)	(5)	------	(5)	(5)	31
185,335	20,519	4,143	154,123	6,550	------	------	221,523	218,552	940	2,031	------	511,352	289,829	32
10,493	------	------	10,493	------	------	------	6,644	1,682	4,049	913	------	25,600	18,956	33
(5)	(5)	(5)	(5)	(5)	------	(5)	(5)	(5)	(5)	(5)	------	(5)	(5)	34
921,253	84,216	85,272	686,804	62,041	2,920	------	1,804,349	1,764,199	6,631	7,491	26,028	2,948,350	1,144,001	35
660,226	79,869	69,792	451,441	57,517	1,607	------	2,234,364	2,168,501	41,831	24,032	------	3,394,515	1,160,151	36
55,958	27,938	8,124	14,233	5,663	------	------	74,212	66,338	869	7,005	------	185,775	111,563	37
(5)	(5)	(5)	(5)	(5)	------	------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	38
196,178	5,300	34,307	94,011	62,560	------	------	260,782	193,483	7,466	55,345	4,488	935,813	675,031	39
957,521	174,972	89,770	572,752	105,219	14,808	------	1,825,296	1,743,791	26,116	39,793	15,596	4,067,174	2,241,878	40
3,539,622	140,205	516,223	2,612,092	192,894	34,802	43,406	43,328,156	41,967,763	1,174,814	185,579	------	54,510,935	11,182,779	41
8,555,038	182,388	1,835,100	6,001,825	419,384	98,097	18,244	12,443,949	11,858,957	329,837	196,156	58,999	30,220,166	17,776,217	42
2,074,432	100,990	166,695	1,473,944	322,370	9,521	912	12,247,110	12,152,671	40,219	43,004	11,216	17,617,982	5,370,872	43
290,965	49,130	27,005	207,560	7,270	------	------	675,941	640,029	12,664	23,248	------	1,232,435	556,494	44
2,524,164	106,061	356,250	1,693,051	342,293	18,230	8,279	42,760,843	41,648,182	774,656	336,542	1,463	48,217,531	5,456,688	45
(5)	(5)	(5)	(5)	(5)	------	------	(5)	(5)	(5)	(5)	------	(5)	(5)	46
507,889	86,726	81,025	309,655	26,659	3,824	------	314,270	297,240	4,880	12,150	------	1,003,409	689,139	47
(5)	(5)	(5)	(5)	------	------	------	(5)	(5)	(5)	(5)	------	(5)	(5)	48
541,251	96,653	66,320	125,450	247,901	4,927	------	578,410	568,208	5,906	4,286	10	1,674,300	1,095,890	49
(5)	(5)	(5)	(5)	(5)	------	------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	50
303,462	67,920	46,316	178,928	10,298	------	------	446,357	403,060	3,720	7,456	32,121	922,307	475,950	51
271,328	63,510	21,301	174,168	10,750	1,599	------	122,745	86,220	12,623	22,278	1,624	527,974	405,229	52
191,476	64,179	17,178	96,363	13,756	------	------	64,072	50,670	3,807	9,595	------	363,752	299,680	53
221,095	69,604	19,771	102,460	29,260	------	------	236,819	227,470	2,889	4,359	2,101	544,772	307,953	54
5,892,072	260,076	681,019	4,554,954	335,143	51,063	9,817	6,363,047	5,632,039	581,388	127,515	22,105	18,479,155	12,116,108	55
87,712	26,688	10,570	49,434	1,020	------	------	40,518	39,357	100	1,061	------	214,337	173,819	56
(5)	(5)	(5)	(5)	(5)	------	------	(5)	(5)	(5)	(5)	------	(5)	(5)	57
(5)	(5)	(5)	(5)	(5)	------	------	(5)	(5)	(5)	(5)	------	(5)	(5)	58
1,910,380	244,449	368,779	1,051,208	241,006	4,938	------	3,230,500	3,130,164	52,507	44,631	3,198	5,956,530	2,726,030	59
(5)	(5)	(5)	(5)	(5)	------	------	(5)	(5)	(5)	(5)	------	(5)	(5)	60
476,674	28,300	75,260	206,433	109,681	57,000	------	793,164	622,403	106,738	64,023	------	1,902,209	1,109,045	61
86,026	31,122	2,898	27,674	24,332	------	------	214,347	210,176	2,552	1,619	------	378,257	163,910	62
721,485	105,208	90,922	398,659	117,883	7,413	1,400	6,733,988	6,544,160	66,377	122,589	862	8,355,087	1,621,099	63
379,630	69,188	49,008	166,832	94,294	------	308	1,332,882	1,297,118	23,245	12,519	------	2,210,693	877,811	64
2,702,263	187,216	314,001	1,721,645	473,671	------	5,730	2,679,607	2,577,452	52,560	30,158	19,437	7,509,163	4,829,556	65
11,676,063	438,897	1,153,464	9,040,337	1,043,365	------	------	22,469,534	22,240,045	80,607	148,882	------	42,988,954	20,519,420	66

TABLE 8.—GENERAL STATISTICS FOR

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS[1] Total[1]	Salaried officers of corporations[1]	Manufacturing: Salaried employees[2]	Manufacturing: Wage earners (average for year)[3]	Distribution	Construction	Other
1	11	Forgings, iron and steel—made in plants not operated in connection with rolling mills	7		1,489	16	148	1,308	17		
2	10	Fuel briquets	9		145	2	23	119	1		
3	4	Fur coats and other fur garments, accessories, and trimmings	12	3	149	11	8	112	18		
4	11	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	3	1	54	4	7	43			
5	20	Games and toys (except dolls and children's vehicles)	7	4	235	7	18	203	5	2	
6	8	General commercial (job) printing	232	154	3,169	203	316	2,374	276		
7	16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	30	6	5,932	45	1,211	4,271	323	12	70
8	14	Gray-iron and semisteel castings	38	10	2,194	73	169	1,941	10		1
9	9	Grease and tallow (except lubricating greases)	14	7	139	15	13	107	3	1	
10	13	Gypsum products	3		36	4	10	16	6		
11	14	Hardware not elsewhere classified	16	7	580	20	46	493	18	3	
12	14	Heating and cooking apparatus, except electric, not elsewhere classified	5		207	9	29	147	22		
13	3	Hosiery—full-fashioned	5	1	5,568	17	286	4,908	333	23	1
14	3	Hosiery—seamless	6		1,000	13	68	882	35		2
15	4	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	9	2	1,389	18	97	1,186	87		1
16	4	Housefurnishings (except curtains, draperies, and bedspreads)	4	1	110	1	9	96	4		
17	6	Household furniture, except upholstered	38	6	3,631	52	323	3,026	227	3	
18	1	Ice cream and ices	141	97	885	47	76	398	306	13	45
19	1	Ice, manufactured	23	5	318	21	20	113	162		2
20	12	Industrial leather belting and packing leather	4		21	5	2	8	6		
21	17	Industrial machinery, not elsewhere classified	23	2	653	44	104	467	31		7
22	9	Insecticides, fungicides, and related industrial and household chemical compounds	17	6	118	25	28	49	16		
23	17	Internal-combustion engines	14	1	6,790	39	950	5,172	570	57	2
24	15	Jewelry (precious metals)	8	8	60	5	9	43	3		
25	3	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	13	2	1,023	18	122	810	68	2	3
26	3	Knitted underwear	4		1,194	12	51	961	148	22	
27	6	Laboratory, hospital, and other professional furniture	3		1,174	11	172	837	154		
28	12	Leather gloves and mittens	23	4	1,906	32	110	1,664	94	4	2
29	12	Leather: tanned, curried, and finished—contract factories	3	1	183	4	9	166	4		
30	12	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	18	1	4,756	37	390	4,280	42	7	
31	15	Lighting fixtures	12	4	354	19	40	267	27		1
32	13	Lime	11	1	194	7	16	169	2		
33	8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	25	4	840	43	79	670	48		
34	5	Logging camps and logging contractors (not operating sawmills)	22	30	756	7	25	724			
35	9	Lubricating oils and greases—not made in petroleum refineries	12	4	128	14	19	54	39	1	1
36	1	Macaroni, spaghetti, vermicelli, and noodles	4	1	106	6	12	84	4		
37	8	Machine and hand typesetting (including advertisment typesetting)	8	3	65	10	7	46	2		
38	17	Machine-shop products, not elsewhere classified	69	28	2,428	79	290	1,859	199	1	
39	17	Machine-shop repairs	28	27	148	11	12	121	1		3
40	17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	42	20	740	54	66	605	13		2
41	17	Machine tools	12	3	2,802	29	452	2,206	115		
42	14	Malleable-iron castings	9		1,478	17	136	1,308	[illegible]	2	6
43	1	Malt	21	2	931	23	119	695	37	43	14
44	1	Malt liquors	73	7	5,580	122	562	3,567	1,046	71	212
45	6	Mattresses and bedspreads	14	6	1,449	17	124	1,176	132		
46	17	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	3		187	4	12	158	13		
47	1	Meat packing, wholesale	27	14	4,703	36	596	3,456	525	89	1
48	17	Mechanical power-transmission equipment	8		771	19	150	573	11	18	
49	4	Men's and boys' hats and caps (except felt and straw)	3	1	32	6		23	3		
50	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	5	3	173	4	3	161	4		1
51	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	9	8	548	5	22	495	25		1
52	17	Metalworking machinery and equipment, not elsewhere classified	7	4	223	9	33	168	11	2	
53	4	Millinery	4		286	11	14	247	13		1
54	13	Mirrors and other glass products made of purchased glass	10	3	74	19	6	47	2		
55	20	Miscellaneous fabricated products not elsewhere classified	14	2	480	20	43	375	37	5	
56	4	Miscellaneous fabricated textile products not elsewhere classified	7	1	236	13	7	199	16	1	
57	20	Models and patterns (except paper patterns)	43	29	334	31	22	267	14		
58	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	29	19	393	23	39	310	21		
59	18	Motor vehicles, motor-vehicle bodies, parts and accessories	38	13	16,963	69	1,818	14,317	710	49	
60	8	Newspapers: publishing and printing	230	180	4,861	182	1,585	2,306	780	8	
61	8	Newspapers: publishing without printing	4	1	45	2	32	3	8		
62	1	Nonalcoholic beverages	140	113	1,092	80	109	484	400	12	7
63	15	Nonferrous-metal foundries (except aluminum)	23	12	537	25	63	414	32		3
64	15	Nonferrous-metal products not elsewhere classified	12	1	597	24	77	472	21	3	
65	17	Office and store machines not elsewhere classified	4		210	8	21	116	65		

See footnotes at end of table.

THE STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
2,518,925	149,762	404,778	1,910,493	53,892	----------	----------	4,238,246	3,867,791	254,950	105,682	9,823	8,248,220	4,009,974	1
238,926	3,875	41,072	191,979	2,000	----------	----------	2,325,528	2,191,969	54,679	78,880	----------	3,148,831	823,303	2
208,003	52,374	8,767	111,577	35,285	----------	----------	326,081	315,212	969	4,277	5,623	594,391	268,310	3
(5)	(5)	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	4
198,520	37,365	16,880	135,506	7,100	1,669	----------	193,889	182,587	4,251	6,522	529	491,143	297,254	5
5,194,382	855,024	560,016	3,231,541	547,801	----------	----------	6,564,177	6,226,591	55,615	108,564	173,407	14,355,684	7,791,507	6
10,052,007	471,829	2,425,649	6,132,043	920,750	15,922	85,814	8,084,230	7,763,518	167,889	134,541	18,282	24,093,132	16,008,902	7
3,243,505	340,584	316,115	2,561,351	23,055	----------	2,400	2,203,777	1,824,730	223,174	142,472	13,401	6,853,053	4,649,276	8
200,520	46,500	18,609	127,433	6,807	1,171	----------	650,640	598,333	31,086	21,221	----------	971,898	321,258	9
36,428	9,420	9,760	11,619	5,629	----------	----------	81,689	77,975	1,330	2,384	----------	190,164	108,475	10
813,414	119,190	91,360	562,441	37,000	3,423	----------	1,071,565	1,018,436	19,486	25,370	8,273	2,599,340	1,527,775	11
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	12
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	13
860,300	74,583	99,648	644,448	39,749	----------	1,872	1,035,181	1,000,872	15,574	17,361	1,374	2,169,412	1,134,231	14
1,128,356	79,653	115,519	776,339	156,695	----------	150	1,810,353	1,792,455	4,030	13,868	----------	3,082,947	1,272,594	15
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	16
4,487,569	234,540	486,663	3,257,605	503,447	5,314	----------	5,895,094	5,644,598	149,740	58,358	42,398	12,506,566	6,611,472	17
1,365,801	213,675	109,394	499,578	453,160	22,676	67,318	4,497,814	4,253,580	99,080	145,154	----------	7,588,879	3,091,065	18
533,595	107,850	33,596	170,813	215,165	1,560	4,611	249,229	37,647	9,149	202,433	----------	1,020,821	771,592	19
44,314	17,269	3,786	13,280	9,979	----------	----------	93,155	91,955	422	778	----------	152,528	59,373	20
1,102,445	253,935	184,120	605,264	47,519	----------	11,607	1,295,469	1,171,346	16,795	27,323	80,005	3,068,516	1,773,047	21
168,748	50,798	32,478	49,959	35,513	----------	----------	373,449	363,110	6,845	3,494	----------	637,499	264,050	22
11,033,128	415,909	2,184,199	7,492,288	887,969	52,539	224	15,073,041	14,485,110	362,366	107,101	118,464	34,089,993	19,016,952	23
78,305	8,403	11,726	54,788	3,388	----------	----------	58,228	53,474	1,042	1,194	2,518	168,292	110,064	24
1,152,946	119,519	169,429	662,005	189,848	6,053	6,092	1,314,628	1,263,622	20,373	13,166	17,467	2,999,013	1,684,385	25
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	26
1,703,488	100,322	456,460	915,206	231,500	----------	----------	2,021,185	1,904,222	41,030	15,438	60,495	4,663,793	2,642,608	27
1,809,181	146,523	138,315	1,382,256	136,460	4,070	1,557	2,175,377	2,133,569	10,911	15,207	15,690	4,833,696	2,658,319	28
210,865	17,615	16,901	169,075	7,274	----------	----------	166,327	141,379	15,964	8,984	----------	475,746	309,419	29
6,901,081	344,068	912,205	5,490,225	144,933	9,650	----------	21,866,859	21,323,947	371,952	170,960	----------	33,304,227	11,437,368	30
424,621	72,240	58,578	208,559	84,767	----------	477	564,450	532,397	4,734	11,443	15,876	1,286,960	722,510	31
189,723	21,128	21,740	144,453	2,402	----------	----------	268,575	115,582	130,619	19,002	3,372	620,678	352,103	32
1,484,221	225,228	142,523	968,905	144,927	2,638	----------	1,422,131	1,109,870	10,366	26,030	275,865	3,505,358	2,083,227	33
411,324	24,280	14,126	372,918	----------	----------	----------	405,650	344,219	26,432	----------	34,999	1,073,998	668,348	34
257,711	60,854	36,987	69,597	87,136	1,469	1,668	679,358	668,435	7,226	3,697	----------	1,345,340	665,982	35
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	36
115,124	24,600	11,733	74,491	4,300	----------	----------	13,198	9,616	873	2,087	622	190,416	177,218	37
4,071,833	438,547	636,005	2,525,543	469,738	2,000	----------	4,746,840	4,533,960	100,799	95,559	16,522	10,822,821	6,075,981	38
187,873	26,416	14,487	143,323	2,100	----------	1,547	187,075	172,842	4,715	9,071	447	513,321	326,246	39
1,172,325	202,049	137,825	811,922	19,325	----------	1,204	585,694	529,677	12,663	32,799	10,555	2,295,476	1,709,782	40
5,717,594	246,620	861,521	4,188,131	421,322	----------	----------	3,615,837	3,278,406	90,513	45,424	201,494	13,524,297	9,908,460	41
2,168,658	103,062	267,244	1,756,697	32,127	2,400	7,128	1,399,155	1,060,925	240,158	92,092	5,980	4,635,993	3,236,838	42
2,013,662	404,883	300,367	1,178,753	71,998	31,891	25,770	19,042,604	18,095,418	720,910	226,276	----------	28,479,039	9,436,435	43
10,295,715	723,527	1,158,814	5,677,310	2,152,423	119,260	464,381	18,553,225	17,540,156	765,650	247,119	300	53,445,756	34,892,531	44
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	45
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	46
7,541,354	171,466	1,164,822	4,961,461	1,139,821	102,218	1,566	66,398,221	65,974,692	316,701	106,828	----------	80,234,982	13,836,761	47
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	48
(5)	(5)	----------	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	49
152,267	11,820	4,038	132,314	3,315	----------	780	14,367	11,723	1,278	1,366	----------	183,810	169,443	50
574,509	22,180	41,711	468,001	41,057	----------	1,560	951,507	884,649	5,046	8,062	53,750	1,811,394	859,887	51
435,077	62,900	68,718	282,070	17,289	4,100	----------	369,362	355,847	2,130	7,911	3,474	1,196,274	826,912	52
(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	53
87,301	36,918	6,322	42,879	1,182	----------	----------	65,595	60,804	2,903	1,888	----------	169,247	103,652	54
479,384	60,960	58,269	299,804	51,701	8,650	----------	1,099,409	1,077,962	9,177	12,270	----------	1,945,023	845,614	55
228,128	55,916	15,840	131,416	24,113	843	----------	602,135	595,640	2,762	3,733	----------	987,307	385,172	56
562,188	94,664	35,701	408,784	23,039	----------	----------	156,422	128,744	5,012	8,437	14,229	950,422	794,000	57
530,920	71,505	60,548	369,049	29,818	----------	----------	448,460	387,242	14,037	42,608	4,573	1,356,978	908,518	58
28,853,417	562,450	3,983,331	22,820,780	1,385,004	101,852	----------	110,106,740	108,690,436	686,613	686,676	43,015	162,080,952	51,974,212	59
8,947,152	970,196	2,873,820	3,848,954	1,245,267	8,915	----------	4,856,022	3,953,970	100,935	192,847	608,270	20,513,625	15,657,603	60
44,627	1,560	31,766	3,670	7,631	----------	----------	44,365	----------	316	105	43,944	104,420	60,055	61
1,488,622	305,963	139,650	470,317	549,141	12,097	11,454	2,748,540	2,645,652	50,332	52,556	----------	7,055,140	4,306,600	62
900,113	130,127	117,442	558,980	89,833	----------	3,731	1,110,597	983,916	60,085	29,653	36,943	2,466,131	1,355,534	63
1,045,619	170,943	143,444	668,026	58,216	4,990	----------	1,313,795	1,210,245	34,698	23,030	45,822	2,884,718	1,570,923	64
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	65

TABLE 8.—GENERAL STATISTICS FOR

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS[1]: Total[2]	Salaried officers of corporations[2]	Manufacturing: Salaried employees[3]	Manufacturing: Wage earners (average for year)[2]	Distribution	Construction	Other
1	6	Office furniture	4		238	8	15	197	18	..	....
2	14	Oil burners, domestic and industrial	3		32	3	5	16	7	....	1
3	20	Organs	5	1	48	8	2	34	4	..	..
4	9	Paints, varnishes, and lacquers	21	1	1,036	27	188	576	241	....	4
5	7	Paper and paperboard mills	44		13,663	75	1,425	11,081	587	460	35
6	7	Paperboard containers and boxes not elsewhere classified	30	8	2,106	39	214	1,700	78	75	.
7	17	Paper-mill, pulp-mill, and paper-products machinery	12		1,121	30	249	820	22	..	....
8	6	Partitions, shelving, cabinet work, and office and store fixtures	14	10	279	17	30	209	23	....	..
9	9	Perfumes, cosmetics, and other toilet preparations	5	4	88	6	13	60	6	3	.....
10	8	Periodicals: publishing and printing	20	8	473	16	84	252	121	.....	...
11	8	Periodicals: publishing without printing	28	3	158	29	113	1	15	....	..
12	8	Photoengraving, not done in printing establishments (including preparation of plates)	21	3	325	39	45	203	38	.....	....
13	20	Photographic apparatus and materials and projection equipment (except lenses)	3	1	15	1	3	8	3	.....	....
14	1	Pickled fruits and vegetables and vegetable sauces and seasonings	13	2	589	14	18	485	67	5	...
15	5	Planing mills not operated in conjunction with sawmills	96	23	5,090	149	416	4,223	282	9	11
16	5	Plywood mills	8	2	1,140	16	75	1,020	22	6	1
17	1	Poultry dressing and packing, wholesale	11	8	118	5	10	91	12	....	....
18	14	Power boilers and associated products	20	6	826	32	71	653	70	..	.....
19	1	Prepared feeds (including mineral) for animals and fowls	33	25	282	16	28	176	61	1	....
20	9	Printing ink	4		41	5	11	23	2	..	...
21	17	Printing-trades machinery and equipment	6		215	9	25	151	23	3	4
22	3	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	3	6	72	.....	6	65	1		
23	6	Public-building furniture	8	..	382	15	34	312	19	2	
24	7	Pulp mills	28	..	3,121	5	238	2,838	3	37	..
25	17	Pumping equipment and air compressors	11		791	21	147	603	20	.....	.....
26	17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	7	1	586	16	83	447	40	.....	.....
27	11	Rubber products not elsewhere classified	13	4	801	18	108	628	42	1	4
28	12	Saddlery, harness, and whips	4		90	5	7	64	14	..	...
29	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	52	27	840	49	62	485	233	2	9
30	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	142	144	5,623	60	278	5,080	200	3	2
31	14	Screw-machine products and wood screws	11	2	314	20	23	263	8	.	....
32	15	Sheet-metal work not specifically classified	45	15	1,901	63	167	1,306	356	1	8
33	19	Shipbuilding and ship repairing	7	3	476	10	26	399	41		..
34	20	Signs, advertising displays, and advertising novelties	33	24	987	37	79	778	81	12	....
35	12	Small leather goods	5	2	489	6	28	385	70	....	....
36	9	Soap and glycerin	9	6	63	5	9	34	15	..	..
37	1	Special dairy products	10	1	1,430	6	174	1,072	134	9	35
38	17	Special-industry machinery, not elsewhere classified	5	4	60	10	6	40	4	..	.
39	20	Sporting and athletic goods not elsewhere classified	17	11	462	11	51	347	53		.
40	14	Stamped and pressed metal products (except automobile stampings)	20	4	1,443	35	134	1,152	110		12
41	13	Statuary and art goods (except stone and concrete)—factory production	7	6	49	2	5	40	2	..	
42	14	Steam and hot-water heating apparatus (including hot-water furnaces)	3		740	8	104	491	137	.....	
43	14	Steam fittings, regardless of material	8		1,028	20	127	743	137	1	
44	14	Steel castings	11		3,087	36	384	2,516	135	.....	16
45	14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	11	1	2,398	18	261	1,851	268	....	
46	12	Suitcases, brief cases, bags, trunks, and other luggage	12	5	550	17	69	427	37	..	.
47	20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	10	2	122	5	5	110	2	...	
48	4	Textile bags—not made in textile mills	4	1	187	7	21	150	9	....	
49	14	Tin cans and other tinware not elsewhere classified	5		305	2	22	269	8	..	4
50	2	Tobacco (chewing and smoking) and snuff	5	3	19	3	1	13	2	..	.
51	14	Tools (except edge tools, machine tools, files, and saws)	11	7	352	18	32	242	59	1	...
52	17	Tractors	7		12,330	8	2,373	9,780	88	77	4
53	6	Upholstered household furniture	21	7	1,033	33	87	822	88	3	...
54	6	Window shades	6	4	37	1	2	32	2	....	...
55	14	Wirework not elsewhere classified	20	15	459	22	42	375	20	....	...
56	4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	3	1	107	4	10	80	13	....	...
57	6	Wooden boxes except cigar boxes	45	30	1,546	35	82	1,398	20	8	3
58	6	Wood products not elsewhere classified	22	8	574	23	41	507	3	...	..
59	17	Woodworking machinery	9	...	1,009	22	136	720	113	.	18
60	3	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	11	2	1,073	19	58	954	26	12	4
61	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	18	9	1,137	30	46	956	101	2	2
62	16	X-ray and therapeutic apparatus and electronic tubes	4	2	90	5	12	51	22	....	.....

See footnotes at end of table.

THE STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [3]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	
282,581	39,908	25,617	199,016	18,040	.....	.....	250,032	233,589	13,300	3,143	.....	654,232	404,200	1
38,038	5,378	6,170	13,185	11,305	.....	2,000	54,801	53,259	853	689	.....	119,025	64,224	2
51,264	11,984	1,179	34,037	4,064	.....	.....	32,575	30,506	771	1,298	.....	101,331	68,756	3
2,081,004	171,145	424,990	870,098	612,772	.....	1,999	7,123,772	7,011,983	58,524	52,865	400	12,088,721	4,964,949	4
20,817,262	825,044	3,042,653	14,776,351	1,488,410	654,802	30,002	61,285,671	55,769,079	4,045,884	1,426,980	43,728	101,302,409	40,016,738	5
2,876,271	273,900	415,659	1,962,442	196,663	27,607	.....	7,488,257	7,353,254	60,308	74,568	127	12,553,385	5,065,128	6
2,188,324	306,927	488,752	1,290,243	102,402	.....	.....	2,373,395	2,305,490	39,411	28,494	.....	5,793,955	3,420,560	7
415,158	38,022	52,796	285,992	38,348	.....	.....	434,621	408,277	5,498	5,655	15,191	1,014,394	579,773	8
112,073	21,400	15,230	62,976	11,317	1,150	.....	118,165	112,742	1,642	3,781	.....	325,906	207,741	9
837,023	134,819	124,395	384,149	191,941	1,100	619	511,278	351,953	5,314	13,336	140,675	2,054,321	1,543,043	10
288,314	82,627	192,671	780	12,236	.....	.....	592,597	11,378	.	393	580,826	1,150,676	558,079	11
788,254	160,770	82,601	469,654	75,229	.....	.....	216,216	186,004	2,493	16,050	11,669	1,209,064	992,848	12
18,927	7,500	1,454	7,330	2,643	.....	.....	13,419	12,373	504	542	.	26,015	12,596	13
591,268	90,346	27,986	370,645	99,217	3,074	.....	2,407,702	2,375,359	19,840	12,503	.....	3,651,169	1,243,467	14
6,396,162	663,392	696,951	4,463,018	555,805	9,444	7,552	10,159,770	9,874,910	125,694	137,558	21,608	19,132,513	8,972,743	15
1,228,849	118,016	125,967	916,119	56,599	10,570	1,578	1,604,843	1,520,905	30,428	45,397	8,113	3,710,462	2,105,619	16
129,230	11,133	11,861	85,498	20,738	.....	.....	1,289,414	1,280,424	3,834	5,156	.....	1,524,671	235,257	17
1,454,357	167,382	198,928	987,934	100,113	.....	.....	1,981,510	1,839,644	77,350	52,241	12,275	4,887,318	2,905,808	18
433,646	75,129	41,879	196,910	118,685	1,043	.....	2,178,746	2,133,175	14,731	30,840	.....	3,336,813	1,158,067	19
81,421	20,119	21,026	36,706	3,570	.....	.....	412,665	406,456	486	5,723	.....	613,296	200,631	20
376,561	42,100	61,369	229,819	33,504	4,994	4,775	281,386	259,216	5,284	8,479	8,407	953,076	671,690	21
(5)	.....	(5)	(5)	(5)	.....	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	22
445,624	37,165	44,636	328,413	32,941	2,469	.....	417,188	385,624	12,509	10,558	8,497	1,086,906	669,718	23
4,304,184	39,268	542,609	3,642,634	11,205	66,668	1,800	18,030,499	16,087,516	1,284,052	658,931	.....	27,457,953	9,427,454	24
1,346,315	88,581	330,371	868,785	58,578	.....	.....	1,627,344	1,555,484	51,616	16,076	4,168	3,827,439	2,200,095	25
904,101	57,537	155,665	619,808	71,091	.....	.....	1,340,905	1,249,798	40,261	9,300	41,546	2,433,374	1,092,469	26
896,980	81,255	143,985	577,024	91,566	350	2,800	1,539,120	1,466,225	23,602	34,874	14,419	3,445,884	1,906,764	27
(5)	(5)	(5)	(5)	(5)	.....	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	28
1,304,974	243,619	108,531	618,694	317,735	4,652	11,743	5,931,396	5,828,403	45,640	57,143	210	8,046,529	2,115,133	29
4,973,602	230,440	421,848	4,048,320	270,236	2,258	500	4,823,608	4,225,467	106,329	59,948	431,864	13,074,546	8,250,938	30
507,826	92,302	37,551	362,174	15,799	.....	.....	520,969	463,646	6,635	23,308	27,380	1,210,367	689,398	31
3,085,990	311,389	297,315	1,708,384	757,821	1,800	9,281	5,985,798	5,868,781	71,479	44,342	1,196	11,159,026	5,173,228	32
831,254	44,334	42,899	656,638	87,383	.....	.....	806,614	768,254	17,332	19,811	1,217	1,994,754	1,188,140	33
1,308,644	181,520	113,446	830,709	165,703	17,266	.....	1,430,483	1,394,644	11,120	24,482	237	3,369,791	1,939,308	34
(5)	(5)	(5)	(5)	(5)	.....	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	35
85,942	12,533	13,870	34,801	24,738	.....	.....	265,407	259,627	3,495	2,285	.....	457,352	191,945	36
1,871,130	32,620	368,696	1,147,999	250,859	18,956	52,000	24,551,847	24,395,048	92,594	64,205	.....	27,132,244	2,580,397	37
132,472	49,105	11,947	58,170	13,250	.....	.....	138,951	129,957	1,271	2,853	4,870	391,339	252,388	38
379,680	31,765	61,881	225,540	60,494	.....	.....	389,421	379,029	4,902	5,464	26	1,123,705	734,284	39
2,109,171	182,339	253,861	1,458,625	193,376	.....	20,970	3,142,445	3,007,674	61,524	68,917	4,330	6,263,569	3,121,124	40
61,243	1,708	9,490	48,145	1,900	.....	.....	24,881	22,272	1,714	895	.....	117,244	92,363	41
(5)	(5)	(5)	(5)	(5)	.....	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	42
1,606,771	155,733	219,163	999,272	230,679	1,924	.....	1,835,416	1,778,029	17,453	35,175	4,759	4,746,567	2,911,151	43
5,364,655	345,232	823,220	3,881,762	302,775	.....	11,666	5,407,238	4,562,773	267,511	438,795	138,159	13,156,829	7,749,591	44
3,414,109	144,003	481,207	2,221,542	567,357	.....	.....	4,417,348	4,153,397	141,285	77,953	44,713	9,898,421	5,481,073	45
799,922	103,873	134,280	473,954	87,815	.....	.....	990,886	976,332	10,053	4,501	.....	2,280,126	1,289,240	46
87,260	15,300	10,713	59,615	1,632	.....	.....	268,174	264,470	105	3,538	61	404,901	136,727	47
(5)	(5)	(5)	(5)	(5)	.....	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	48
401,667	6,520	44,687	327,159	19,559	.....	3,742	4,286,328	4,247,922	18,101	16,069	4,236	5,050,043	763,715	49
(5)	(5)	(5)	(5)	(5)	.....	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	50
570,329	98,521	63,006	321,732	84,254	2,816	.....	518,752	485,608	10,232	22,912	.....	1,415,363	896,611	51
19,131,457	41,500	3,647,300	15,037,210	243,778	156,610	5,059	36,884,731	34,629,040	830,947	265,162	1,159,582	68,493,028	31,608,297	52
1,175,665	105,705	115,724	773,584	160,215	2,736	17,701	1,487,410	1,435,268	30,977	21,165	.....	3,031,834	1,544,424	53
45,584	3,260	5,722	33,144	3,458	.....	.....	116,410	113,486	644	1,780	500	251,580	135,170	54
811,487	106,816	75,078	584,589	45,004	.....	.....	820,138	787,984	14,654	17,500	.....	2,513,345	1,693,207	55
(5)	(5)	(5)	(5)	(5)	.....	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	56
1,453,473	107,703	122,687	1,159,517	35,145	12,336	16,085	2,530,756	2,454,022	14,878	61,095	761	4,977,281	2,446,525	57
527,338	55,067	59,114	408,745	4,412	.....	.....	725,079	676,017	4,156	35,001	9,905	1,480,818	755,739	58
1,620,237	103,539	239,203	963,642	294,796	.....	19,057	2,008,998	1,928,609	27,974	27,871	24,544	4,584,064	2,575,066	59
1,348,178	160,068	108,344	1,017,117	40,411	20,664	1,574	2,692,079	2,565,011	73,470	26,505	27,093	4,920,404	2,228,325	60
1,053,069	126,350	50,906	720,605	151,642	1,176	2,390	1,990,621	1,960,682	9,220	13,441	7,278	3,025,745	1,035,124	61
(5)	(5)	(5)	(5)	(5)	.....	.....	(5)	(5)	(5)	(5)	.....	(5)	(5)	62

TABLE 8.—GENERAL STATISTICS FOR

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [3]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
1		Other industries [6]	305	83	31,573	403	3,051	25,256	2,563	267	33
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]									
2	1	Food and kindred products	23	7	800	19	106	598	70	3	4
3	5	Textile-mill products and other fiber manufactures	29	16	8,191	49	424	7,122	536	56	4
4	4	Apparel and other finished products made from fabrics and similar materials	36	15	1,097	46	85	901	64		1
5	6	Furniture and finished lumber products	28	9	2,221	26	194	1,855	146	.....	.....
6	7	Paper and allied products	15	1	580	21	89	438	32	.....	.....
7	9	Chemicals and allied products	29	6	1,422	35	195	916	273	2	1
8	12	Leather and leather products	12	5	594	12	35	463	84	.....	.....
9	13	Stone, clay, and glass products	17	3	1,194	19	80	1,024	59	11	1
10	14	Iron and steel and their products, except machinery	22	1	3,377	41	376	2,569	329	46	16
11	16	Electrical machinery	18	4	1,608	18	200	1,221	169		.....
12	17	Machinery (except electrical)	31	2	2,126	60	253	1,545	250	18	.....
13	20	Miscellaneous industries	19	4	2,057	25	227	1,446	353	6	.....
14	2	Tobacco manufactures	5	3	19	3	1	13	2	.....	.....
	10	Products of petroleum and coal	3	.....	572	6	54	495	16	1	.....
	11	Rubber products	3	1	3,158	8	386	2,648	78	32	6
	15	Nonferrous metals and their products	9	3	1,476	7	163	1,197	17	92	.....
	18	Automobiles and automobile equipment	2	3	1,081	8	183	805	85	.....	.....
	19	Transportation equipment except automobiles	4								

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.
[2] Figures do not include data for personnel of central-administrative offices.
[3] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

TABLE 9.—GENERAL STATISTICS FOR THE MILWAUKEE

[This table presents, for the Milwaukee Industrial Area, separate figures for each industry for which it is possible to publish such figures without disclosing exact or approxi industries for which combined figures are given, however, reported larger numbers

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1] Total [2]	Salaried officers of corporations [2]	Manufacturing: Salaried employees [2]	Manufacturing: Wage earners (average for year) [3]	Distribution	Construction	Other
		MILWAUKEE INDUSTRIAL AREA									
1		All industries, total	1,936	846	127,799	2,354	15,914	98,415	9,975	617	524
2	17	Agricultural machinery (except tractors)	10	1	1,290	17	257	980	34	1	1
3	15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	3	..	1,304	2	148	1,045	17	92	...
4	16	Batteries, storage and primary (dry and wet)	4	4	867	7	159	665	36	.....	...
5	3	Batting, padding, and wadding; upholstery filling	3		57	6	6	41	4	.....	.....
6	8	Bookbinding and related industries [5]	17	10	664	28	47	515	74	...	.....
7	8	Books: printing without publishing	12		1,398	39	102	786	404	67	.....
8	8	Books: publishing without printing	5	3	55	1	34		20	.....	.....
9	12	Boot and shoe cut stock and findings	5		271	7	17	243	4	...	.....
10	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	280	263	3,168	48	124	2,507	439	....	50
11	20	Brushes [5]	9	8	160	11	8	110	31	.	..
12	1	Candy and other confectionery products	21	10	888	13	58	644	141	8	24
13	1	Canned and dried fruits and vegetables (including canned soups)	4	..	196	7	14	175	....	.	
14	4	Canvas products (except bags)	3		88	9	3	49	27	...	...
15	6	Caskets, coffins, burial cases, and other morticians' goods	6	1	98	12	7	58	21	.	.....
16	9	Chemicals not elsewhere classified	3	1	17	3	5	9	..	.....	.....
17	1	Chocolate and cocoa products	3	.	233	3	29	154	47	.....	.....
18	2	Cigars	20	18	156	10	4	136	6	.....	.....
19	13	Clay products (except pottery) not elsewhere classified	3	5	11	---	.	11	....	.....	.....
20	9	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants [6]	10	.....	112	4	15	64	29	.....	.....
21	13	Concrete products	30	22	267	17	31	190	27	2	.....

See footnotes at end of table.

THE STATE, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
45,548,856	2,430,800	5,653,405	31,582,854	5,359,470	455,882	66,445	87,887,012	83,891,892	2,297,848	1,320,092	377,180	182,073,972	94,186,960	1
1,212,350	115,932	200,078	683,723	203,710	3,958	4,949	4,480,615	4,261,118	152,232	54,297	12,968	7,146,681	2,666,066	2
10,353,972	469,503	843,820	7,502,495	1,441,568	89,206	7,380	11,525,352	11,123,076	171,408	130,444	100,424	25,710,351	14,184,999	3
1,203,800	135,099	117,174	826,716	123,693	----------	1,118	2,518,728	2,474,099	25,350	18,051	1,228	4,388,676	1,869,948	4
3,049,755	89,002	366,285	2,360,090	234,378	----------	----------	5,972,865	5,805,441	143,199	23,865	360	10,892,657	4,919,792	5
827,823	104,303	165,938	489,425	68,157	----------	----------	1,382,695	1,341,176	18,396	23,123	----------	2,791,135	1,408,440	6
2,578,835	172,642	486,222	1,342,459	572,878	1,754	2,880	5,588,943	5,224,413	289,876	74,654	----------	16,583,692	10,994,749	7
633,776	52,503	40,194	417,717	123,362	----------	----------	935,775	925,293	4,156	6,326	----------	2,027,065	1,091,290	8
1,765,831	49,750	178,417	1,389,644	97,284	49,393	1,343	2,690,746	2,102,353	505,690	79,853	2,850	7,473,795	4,783,049	9
5,456,197	290,963	737,937	3,608,344	702,426	75,047	41,480	9,762,614	9,148,499	331,358	278,577	4,180	22,668,902	12,906,288	10
2,370,551	85,460	391,382	1,589,923	303,786	----------	----------	5,464,056	5,232,618	52,925	51,698	126,815	11,453,229	5,989,173	11
3,440,333	487,474	425,722	2,073,866	428,840	24,431	----------	6,162,067	5,933,126	73,483	78,904	76,554	13,077,960	6,915,893	12
2,702,716	193,930	319,000	1,556,954	626,004	6,828	----------	2,975,478	2,857,104	35,635	30,938	51,801	7,910,109	4,934,631	13
9,952,917	184,239	1,381,236	7,741,498	433,384	205,265	7,295	28,427,078	27,463,576	494,140	469,362	----------	49,949,720	21,522,642	14

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[6] For numbers of establishments and of wage earners in individual industries, see table 12.

INDUSTRIAL AREA, BY INDUSTRIES: 1939

mate data for individual establishments and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the of wage earners or larger values of products than some of those shown separately

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
MILWAUKEE INDUSTRIAL AREA														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
204,360,782	13,309,697	30,960,141	137,897,194	20,224,817	1,099,628	869,305	392,224,026	375,291,037	7,329,086	5,140,397	4,463,506	753,680,088	361,456,062	1
1,964,842	70,232	448,745	1,356,495	87,500	1,670	200	2,227,427	2,136,392	62,788	16,331	11,916	5,172,404	2,944,977	2
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	3
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	4
(5)	(5)	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	5
846,969	106,694	56,421	553,768	130,086	----------	----------	786,944	759,914	5,955	14,693	6,382	1,970,659	1,183,715	6
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	7
81,297	2,700	40,577	----------	38,020	----------	----------	71,901	8,565	137	80	63,119	231,817	159,916	8
332,998	24,931	39,713	255,169	13,185	----------	----------	795,627	778,183	4,703	12,080	661	1,261,662	466,035	9
4,165,602	193,605	221,545	3,174,266	515,795	----------	60,391	6,479,534	6,141,048	230,928	107,558	----------	13,992,778	7,513,244	10
204,967	39,621	14,009	106,996	44,341	----------	----------	186,298	180,931	1,696	3,671	----------	479,173	292,875	11
949,134	46,520	79,790	541,461	243,513	13,771	24,079	2,029,864	1,989,946	18,501	21,417	----------	3,708,089	1,678,225	12
159,234	20,920	18,872	119,442	----------	----------	----------	497,148	482,622	9,283	5,243	----------	877,589	380,441	13
82,099	17,067	4,559	47,728	12,745	----------	----------	81,351	79,560	685	1,106	----------	207,641	126,290	14
153,119	37,673	13,471	48,568	53,407	----------	----------	312,378	305,391	3,566	3,421	----------	573,728	261,350	15
(5)	(5)	(5)	(5)	----------	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	16
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	17
164,359	20,519	3,274	134,016	6,550	----------	----------	188,839	186,699	524	1,616	----------	432,105	243,266	18
10,493	----------	----------	10,493	----------	----------	----------	6,644	1,682	4,049	913	----------	25,600	18,956	19
196,178	5,300	34,307	94,011	62,560	----------	----------	260,782	193,483	7,466	55,345	4,488	935,813	675,031	20
448,533	82,949	52,618	264,216	46,526	2,224	----------	860,212	818,757	11,603	20,155	9,697	2,007,086	1,146,874	21

TABLE 9.—GENERAL STATISTICS FOR THE MILWAUKEE

		INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS[1]					
					Total[2]	Manufacturing				
						Salaried officers of corporations[3]	Salaried employees[4]	Wage earners (average for year)[5]	Distribution	Construction	Other
		MILWAUKEE INDUSTRIAL AREA—Continued									
	17	Construction and similar machinery (except mining and oil field machinery and tools)	10	1	4,127	9	779	3,162	117	23	37
2	7	Converted paper products not elsewhere classified	3		390	8	22	258	99	3	
3	6	Cooperage	6	1	114	6	8	98	2		
4	2	Creamery butter	19	9	69	2	5	51	11		
5	9	Drugs and medicines (including drug grinding)	10	4	295	10	34	112	133	6	
6	16	Electrical products not elsewhere classified	7	7	139	7	19	110	3		
7	14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	9	1	1,231	23	134	1,005	69		
8	8	Engraving (steel, copperplate, and wood); plate printing [6]	9	6	59	10	8	40	1		
9	7	Envelopes	4		147	10	17	107	13		
10	14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills	20	3	1,038	42	175	722	99		
11	3	Felt goods, wool, hair, and jute (except woven felts and hat bodies and hats)	3		296	4	21	266	5		
12	9	Fertilizers [6]	6		243	4	28	139	46	26	
13	1	Flavoring extracts and flavoring sirups, not elsewhere classified	6	3	18	3	2	5	8		
14	1	Food preparations, not elsewhere classified	17	12	200	11	22	124	43		
15	17	Food-products machinery	7	1	879	10	53	682	134		
16	12	Footwear (except rubber)	20	2	4,012	36	258	3,384	334		
17	14	Forgings, iron and steel—made in plants not operated in connection with rolling mills	4		1,274	12	125	1,125	12		
18	4	Fur coats and other fur garments, accessories, and trimmings	8	2	74	5	4	58	7		
19	20	Games and toys (except dolls and children's vehicles) [6]	7	4	235	7	18	203	5	2	
20	8	General commercial (job) printing	122	68	1,852	129	181	1,354	188		
21	16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	21	4	4,729	36	1,069	3,248	295	11	70
22	14	Gray iron and semisteel castings	18	2	1,312	41	106	1,158	6		1
23	9	Grease and tallow (except lubricating greases)	4	2	40	4	5	31			
24	13	Gypsum products	3		36	4	10	16	6		
25	14	Hardware not elsewhere classified	11	4	537	17	37	462	18	3	
26	6	Household furniture, except upholstered	10	2	1,208	10	99	996	103		
27	1	Ice cream and ices	32	17	258	11	15	108	101	7	16
28	1	Ice, manufactured	11	1	214	13	9	82	109		1
29	12	Industrial leather belting and packing leather	4		21	5	2	8	6		
30	17	Industrial machinery, not elsewhere classified	15	2	445	29	64	320	25		7
31	9	Insecticides, fungicides, and related industrial and household chemical compounds	12	6	86	20	21	30	15		
32	17	Internal-combustion engines	8	1	3,496	28	564	2,595	255	54	
33	3	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	7	1	448	10	28	382	26	2	
34	12	Leather gloves and mittens	14	2	1,308	24	78	1,113	88	3	2
35	12	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	14		3,117	28	253	2,799	30	7	
36	15	Lighting fixtures	9	4	109	12	10	74	12		1
37	8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	22	1	812	42	74	649	47		
38	8	Machine and hand typesetting (including advertisement typesetting)	8	3	65	10	7	46	2		
39	17	Machine-shop products, not elsewhere classified	39	10	1,758	62	203	1,343	149	1	
40	17	Machine-shop repairs	13	11	69	5	8	56			
41	17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	34	17	576	45	44	475	11		1
42	17	Machine tools	5		1,603	12	245	1,307	39		
43	14	Malleable-iron castings	6		944	15	94	822	5	2	6
44	1	Malt	7		471	11	50	361	35		14
45	1	Malt liquors	9		3,509	27	318	2,390	546	27	201
46	6	Mattresses and bedsprings	8	2	1,408	11	117	1,150	130		
47	1	Meat packing, wholesale	16	7	3,146	25	461	2,339	320	1	
48	17	Mechanical power-transmission equipment	8		771	19	150	573	11	18	
49	4	Men's and boys' hats and caps (except felt and straw)	3	1	32	6		23	3		
50	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	5	3	173	4	3	161	4		1
51	4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors [6]	9	8	548	5	22	495	25		1
52	17	Metalworking machinery and equipment, not elsewhere classified [6]	7	4	223	9	33	168	11	2	
53	4	Millinery	4		286	11	14	247	13		1
54	20	Miscellaneous fabricated products not elsewhere classified	6	1	78	11	15	40	12		
55	20	Models and patterns (except paper patterns)	35	23	275	27	18	217	13		
56	13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	12	5	106	11	17	75	3		
57	18	Motor vehicles, motor-vehicle bodies, parts and accessories	19	7	12,100	47	1,373	10,209	422	49	
58	8	Newspapers: publishing and printing	22	12	2,104	38	781	898	386	1	
59	1	Nonalcoholic beverages	36	17	387	37	39	131	177	1	2
60	15	Nonferrous-metal foundries (except aluminum)	15	8	337	18	36	251	29		3

See footnotes at end of table.

INDUSTRIAL AREA, BY INDUSTRIES: 1939—Continued

Salaries and wages: Total [2]	Salaries of officers of corporations [3]	Manufacturing: Salaries [4]	Manufacturing: Wages	Distribution	Construction	Other	Cost of materials, supplies, fuel, purchased electric energy, and contract work: Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [6]	
MILWAUKEE INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
6,699,497	56,033	1,487,129	4,763,707	342,345	32,842	17,441	8,937,013	8,428,558	305,964	148,321	54,170	23,370,061	14,433,048	1
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	2
130,177	28,480	12,326	87,026	2,345	----	----	299,875	288,842	6,056	4,977	----	529,906	230,031	3
110,660	8,429	7,336	75,086	19,809	----	----	1,256,030	1,194,325	44,899	16,806	----	1,562,678	306,648	4
447,129	59,664	59,065	111,595	211,878	4,927	----	512,763	503,775	5,105	3,873	10	1,434,603	921,840	5
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	6
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	7
87,712	26,688	10,570	49,434	1,020	----	----	40,518	39,357	100	1,061	----	214,337	173,819	8
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	9
1,715,216	191,468	342,636	942,353	233,821	4,938	----	2,756,741	2,669,011	48,250	39,480	----	5,195,268	2,438,527	10
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	11
476,674	28,300	75,260	206,433	109,681	57,000	----	793,164	622,403	106,738	64,023	----	1,902,209	1,109,045	12
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	13
261,938	38,706	33,030	104,969	85,233	----	----	809,090	780,997	19,559	8,534	----	1,374,158	565,068	14
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	15
4,730,643	260,620	450,421	3,445,293	574,309	----	----	7,703,678	7,629,615	31,352	42,711	----	13,969,864	6,266,186	16
2,258,437	128,987	365,997	1,720,913	42,540	----	----	3,808,990	3,485,497	226,947	88,046	8,500	7,350,618	3,541,628	17
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	18
198,520	37,365	16,880	135,506	7,100	1,669	----	193,889	182,587	4,251	6,522	529	491,143	297,254	19
3,029,728	440,760	333,832	1,860,072	395,064	----	----	3,862,417	3,633,605	23,691	59,595	145,526	8,242,323	4,379,906	20
8,308,884	412,940	2,109,307	4,816,188	870,399	14,236	85,814	5,507,678	5,292,370	77,274	120,584	17,450	18,732,452	13,224,774	21
1,959,872	188,533	183,289	1,572,958	12,692	----	2,400	1,313,323	1,075,503	138,139	89,452	10,229	4,001,721	2,688,398	22
(5)	(5)	(5)	(5)	----	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	23
36,428	9,420	9,760	11,619	5,629	----	----	81,689	77,975	1,330	2,384	----	190,164	108,475	24
770,539	110,690	82,321	537,105	37,000	3,423	----	1,035,694	987,290	17,091	23,040	8,273	2,474,481	1,438,787	25
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	26
489,649	61,027	25,183	168,878	189,956	12,970	31,635	1,596,928	1,520,422	18,890	57,616	----	2,996,450	1,399,522	27
378,155	73,970	22,751	132,229	145,034	1,560	2,611	187,909	29,943	3,021	154,945	----	757,593	569,684	28
44,314	17,269	3,786	13,280	9,979	----	----	93,155	91,955	422	778	----	152,528	59,373	29
813,077	194,791	120,588	446,718	39,373	----	11,607	986,080	875,863	11,709	18,503	80,005	2,347,223	1,361,143	30
133,063	42,368	24,950	31,525	34,220	----	----	178,648	173,493	2,709	2,446	----	375,889	197,241	31
6,199,840	329,394	1,276,708	4,036,241	508,628	48,869	----	8,124,922	7,794,924	140,441	71,093	118,464	18,221,372	10,096,450	32
583,975	78,259	92,986	318,989	87,688	6,053	----	709,885	676,375	6,854	9,183	17,473	1,648,630	938,745	33
1,321,531	102,887	102,377	989,145	122,645	2,920	1,557	1,512,680	1,483,212	6,312	7,466	15,690	3,210,643	1,697,963	34
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	35
154,683	47,920	15,137	69,208	21,941	----	477	201,205	194,962	686	2,398	3,159	426,670	225,465	36
1,465,537	224,028	139,426	956,930	142,515	2,638	----	1,392,592	1,082,141	10,041	24,545	275,865	3,440,256	2,047,664	37
115,124	24,600	11,733	74,491	4,300	----	----	13,198	9,616	873	2,087	622	190,416	177,218	38
3,196,914	367,069	452,057	1,974,368	401,420	2,000	----	3,346,473	3,177,937	86,674	68,790	13,072	7,690,250	4,343,777	39
85,097	10,290	11,166	63,641	----	----	----	92,433	86,456	1,473	4,279	225	242,239	149,806	40
963,826	178,378	89,277	676,903	19,003	----	265	356,916	312,507	9,606	24,248	10,555	1,731,217	1,374,301	41
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	42
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	43
1,144,899	245,323	147,833	657,336	68,637	----	25,770	10,816,992	10,317,291	387,098	112,603	----	15,111,117	4,294,125	44
6,849,249	353,321	666,570	4,103,956	1,225,399	52,055	447,948	14,671,965	14,121,041	434,228	116,696	----	39,754,531	25,082,566	45
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	46
5,243,910	102,562	907,453	3,477,638	754,472	1,785	----	45,730,903	45,437,450	218,315	75,138	----	54,918,235	9,187,332	47
(5)	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	48
(5)	(5)	----	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	49
152,267	11,820	4,038	132,314	3,315	----	780	14,367	11,723	1,278	1,366	----	183,810	169,443	50
574,509	22,180	41,711	468,001	41,057	----	1,560	951,507	884,649	5,046	8,062	53,750	1,811,394	859,887	51
435,077	62,900	68,718	282,070	17,289	4,100	----	369,362	355,847	2,130	7,911	3,474	1,196,274	826,912	52
(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	53
97,880	17,278	22,868	35,966	21,768	----	----	165,134	161,934	1,614	1,586	----	330,476	165,342	54
461,065	76,678	27,499	334,354	22,534	----	----	123,887	99,163	3,690	6,805	14,229	786,767	662,880	55
159,202	22,205	24,318	105,879	6,800	----	----	166,746	151,906	3,942	9,840	1,058	412,714	245,968	56
21,498,767	450,652	3,099,996	16,911,122	935,145	101,852	----	59,522,615	58,523,112	462,162	494,326	43,015	93,125,243	33,602,628	57
4,447,823	345,374	1,625,106	1,853,711	620,748	2,884	----	3,060,112	2,381,442	33,758	76,336	568,576	11,152,374	8,092,262	58
630,449	132,700	49,334	171,011	271,982	420	5,002	882,812	851,781	13,703	17,328	----	2,253,881	1,371,069	59
571,351	69,404	70,706	353,667	73,843	----	3,731	745,042	650,829	34,766	22,548	36,899	1,731,423	986,381	60

TABLE 9.—GENERAL STATISTICS FOR THE MILWAUKEE

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS[1] Total[2]	Salaried officers of corporations[2]	Manufacturing: Salaried employees[2]	Manufacturing: Wage earners (average for year)[3]	Distribution	Construction	Other
		MILWAUKEE INDUSTRIAL AREA—Continued									
1	15	Nonferrous metal products not elsewhere classified	9		331	18	33	267	13		
2	20	Organs [a]	5	1	48	8	2	34	4		
3	9	Paints, varnishes, and lacquers	14		932	16	177	541	198		
4	7	Paperboard containers and boxes not elsewhere classified	10	2	1,108	11	135	910	51	1	
5	6	Partitions, shelving, cabinet work, and office and store fixtures	10	6	201	15	22	149	15		
6	8	Periodicals: publishing and printing	9		424	16	76	217	115		
7	8	Periodicals: publishing without printing	13	3	85	17	63	1	4		
8	8	Photoengraving, not done in printing establishments (including preparation of plates)	11		189	22	30	111	26		
9	20	Photographic apparatus and materials and projection equipment (except lenses)	3	1	15	1	3	8	3		
10	1	Pickled fruits and vegetables and vegetable sauces and seasonings	4	2	251	2	5	180	59	5	
11	5	Planing mills not operated in conjunction with sawmills	31	9	1,021	53	117	787	62	1	1
12	1	Poultry dressing and packing, wholesale	7	6	69	5	3	50	11		
13	14	Power boilers and associated products	11	1	723	26	53	579	65		
14	1	Prepared feeds (including mineral) for animals and fowls	6	2	128	6	8	71	42	1	
15	17	Printing-trades machinery and equipment	6		215	9	25	151	23	3	4
16	17	Pumping equipment and air compressors	5		264	13	74	160	17		
17	17	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	4	1	432	8	61	323	40		
18	11	Rubber products not elsewhere classified	9	4	402	13	38	330	20	1	
19	1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	30	11	615	41	38	330	198	2	6
20	14	Screw-machine products and wood screws	11	2	314	20	23	263	8		
21	15	Sheet-metal work not specifically classified	21	9	859	28	66	634	125	1	5
22	20	Signs, advertising displays, and advertising novelties	21	9	319	29	37	227	26		
23	17	Special-industry machinery, not elsewhere classified [a]	5	4	60	10	6	40	4		
24	20	Sporting and athletic goods not elsewhere classified	9	4	88	8	13	62	5		
25	13	Statuary and art goods (except stone and concrete)—factory production [a]	7	6	49	2	5	40	2		
26	14	Steel castings [a]	11		3,087	36	384	2,516	135		16
27	14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	5		1,285	10	181	980	114		
28	12	Suitcases, brief cases, bags, trunks, and other luggage	8	2	396	13	52	297	34		
29	20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	4	1	19	3	2	13	1		
30	14	Tools (except edge tools, machine tools, files, and saws)	5	2	249	10	16	165	57	1	
31	17	Tractors [a]	7		12,330	8	2,373	9,780	88	77	4
32	6	Upholstered household furniture	7	2	131	9	8	105	9		
33	6	Window shades [a]	6	4	37	1	2	32	2		
34	14	Wirework not elsewhere classified	9	10	110	6	14	86	4		
35	4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	5	1	107	4	10	80	13		
36	6	Wooden boxes except cigar boxes	7	7	275	1	16	247	8		3
37	6	Wood products not elsewhere classified	3		81	5	12	64			
38	4	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	9	8	175	12	11	126	25		1
39		Other industries [5]	524	127	44,373	824	4,516	34,752	3,924	301	56
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]									
40	1	Food and kindred products	37	12	2,018	31	252	1,408	309	11	7
41	3	Textile-mill products and other fiber manufactures	22	6	7,176	43	366	6,258	463	45	1
42	4	Apparel and other finished products made from fabrics and similar materials	51	17	2,649	79	224	2,147	194	3	2
43	6	Furniture and finished lumber products	37	13	3,107	43	261	2,547	256		
44	7	Paper and allied products	16		1,455	34	145	1,034	232	10	
45	8	Printing, publishing, and allied industries	29	1	1,924	69	203	1,051	534	67	
46	9	Chemicals and allied products	56	17	1,351	66	197	767	318	1	2
47	12	Leather and leather products	24	5	3,368	37	263	3,013	48	7	
48	13	Stone, clay, and glass products	17	4	178	26	14	127	11		
49	14	Iron and steel and their products, except machinery	77	8	8,727	155	995	6,815	678	45	39
50	15	Nonferrous metals and their products	60	21	2,764	80	268	2,151	166	94	5
51	16	Electrical machinery	23	14	2,588	27	381	1,990	190		
52	17	Machinery (except electrical)	51	3	4,897	106	669	3,694	410	18	
53	20	Miscellaneous industries	14	5	260	14	27	203	16		
54	10	Products of petroleum and coal	3		573	8	56	495	14		
	19	Transportation equipment except automobiles	7	1	1,338	6	195	1,052	85		

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.

[2] Figures do not include data for personnel of central-administrative offices.

[3] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

INDUSTRIAL AREA, BY INDUSTRIES: 1939—Continued

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
MILWAUKEE INDUSTRIAL AREA—Continued														
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	1
51,264	11,984	1,179	34,037	4,064	----------	----------	32,575	30,506	771	1,298	----------	101,331	68,756	2
1,883,564	111,129	404,205	832,433	535,797	----------	----------	6,618,736	6,512,549	57,188	48,999	----------	11,188,951	4,570,215	3
1,733,365	152,900	290,784	1,149,970	136,709	3,002	----------	4,686,265	4,609,132	30,638	46,495	----------	7,712,275	3,026,010	4
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	5
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	6
175,340	56,467	110,437	780	7,656	----------	----------	356,287	9,994	----------	333	345,960	694,028	337,741	7
498,084	100,039	59,022	283,505	55,518	----------	----------	132,962	117,357	819	12,212	2,574	728,202	595,240	8
18,927	7,500	1,454	7,330	2,643	----------	----------	13,419	12,373	504	542	----------	26,015	12,596	9
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	10
1,550,918	226,567	195,536	985,925	141,186	1,184	520	1,713,022	1,658,322	23,575	30,346	779	3,495,393	1,782,371	11
94,563	11,133	2,456	61,068	19,906	----------	----------	984,789	978,459	2,608	3,722	----------	1,167,301	182,512	12
1,308,457	151,326	173,179	890,650	93,302	----------	----------	1,744,346	1,613,005	73,226	46,539	11,576	4,396,490	2,652,144	13
244,437	52,748	14,696	88,418	87,532	1,043	----------	1,285,289	1,269,797	7,801	7,691	----------	2,023,501	738,212	14
376,561	42,100	61,369	229,819	33,504	4,994	4,775	281,386	259,216	5,284	8,479	8,407	953,076	671,690	15
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	16
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	17
470,499	43,116	55,291	331,500	40,242	350	----------	820,825	783,084	10,963	24,429	2,349	1,628,004	807,179	18
1,010,503	206,007	68,976	448,269	276,298	3,882	7,071	4,326,513	4,261,984	28,572	35,957	----------	5,895,136	1,568,623	19
507,826	92,302	37,551	362,174	15,799	----------	----------	520,969	463,646	6,635	23,308	27,380	1,210,367	689,398	20
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	21
495,820	124,587	62,158	266,505	42,570	----------	----------	474,825	461,609	3,295	9,684	237	1,121,767	646,942	22
132,472	49,105	11,947	58,170	13,250	----------	----------	138,951	129,957	1,271	2,853	4,870	391,339	252,388	23
88,218	16,035	14,045	53,139	4,999	----------	----------	131,504	127,582	1,646	2,250	26	297,804	166,300	24
61,243	1,708	9,490	48,145	1,900	----------	----------	24,881	22,272	1,714	895	----------	117,244	92,363	25
5,364,655	345,232	823,220	3,881,762	302,775	----------	11,666	5,407,238	4,562,773	267,511	438,795	138,159	13,156,829	7,749,591	26
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	(5)	(5)	(5)	27
613,363	88,821	102,336	343,458	78,748	----------	----------	747,953	740,971	5,246	1,736	----------	1,736,109	988,156	28
33,910	10,300	4,285	18,150	1,175	----------	----------	85,338	84,476	----------	801	61	130,372	45,034	29
(5)	(5)	(5)	(5)	(5)	(5)	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	30
19,131,457	41,500	3,647,300	15,037,210	243,778	156,610	5,059	36,884,731	34,629,040	830,947	265,162	1,159,582	68,493,028	31,608,297	31
158,958	22,907	12,583	110,014	13,454	----------	----------	267,672	261,773	2,420	3,479	----------	472,533	204,861	32
45,584	3,260	5,722	33,144	3,458	----------	----------	116,410	113,486	644	1,780	500	251,580	135,170	33
136,891	17,100	25,438	88,877	5,476	----------	----------	299,854	292,849	2,100	4,905	----------	583,254	283,400	34
(5)	(5)	(5)	(5)	(5)	----------	----------	(5)	(5)	(5)	(5)	----------	(5)	(5)	35
256,122	10,800	20,252	196,765	12,220	----------	16,085	453,851	435,692	2,596	15,563	----------	820,132	366,281	36
87,683	15,000	15,921	56,762	----------	----------	----------	215,831	201,685	598	3,643	9,905	376,499	160,668	37
158,215	27,680	12,221	93,905	23,542	----------	867	148,093	137,381	1,826	2,886	6,000	344,373	196,280	38
68,781,584	4,957,522	8,998,615	46,134,943	8,038,753	551,757	99,994	114,150,546	108,621,003	2,649,215	1,730,730	1,149,598	236,202,769	122,052,223	39
2,873,134	177,240	476,175	1,581,688	617,455	12,404	8,172	10,161,917	9,764,259	245,874	138,100	13,684	15,415,202	5,253,285	40
9,247,803	358,660	745,862	6,789,910	1,276,709	72,162	4,500	10,264,405	9,906,642	144,605	112,159	100,999	22,582,322	12,317,917	41
2,822,462	296,936	267,790	1,941,285	312,263	2,920	1,268	5,410,146	5,319,321	21,727	36,315	32,783	9,107,146	3,697,000	42
4,613,060	148,768	514,653	3,547,699	401,940	----------	----------	7,404,829	7,197,683	177,049	22,539	7,558	14,432,230	7,027,401	43
2,328,273	208,596	290,135	1,384,934	415,793	28,815	----------	3,378,416	3,087,876	242,491	36,833	11,216	7,175,112	3,796,696	44
3,657,346	593,593	438,690	1,603,991	856,508	164,564	----------	3,083,727	2,625,482	23,870	73,344	361,031	8,181,263	5,097,536	45
2,516,551	292,949	458,209	1,089,936	668,495	2,414	4,548	5,898,840	5,593,246	240,116	65,478	----------	15,966,646	10,067,806	46
4,897,778	318,401	669,551	3,784,521	115,655	9,650	----------	14,717,019	14,315,848	236,471	164,700	----------	22,537,518	7,820,499	47
191,394	48,514	17,518	117,061	8,301	----------	----------	172,630	114,393	48,344	9,893	----------	479,644	307,014	48
14,296,146	1,031,213	1,970,741	9,726,598	1,414,787	76,477	76,330	19,960,063	18,592,273	677,313	590,560	99,917	45,387,270	25,427,207	49
4,517,888	358,458	473,398	3,165,986	356,950	157,920	5,176	9,970,034	9,600,068	177,964	184,864	7,138	20,523,556	10,553,522	50
4,100,847	234,193	801,485	2,693,152	372,017	----------	----------	8,244,187	7,913,404	68,114	104,618	158,051	16,416,109	8,171,922	51
8,983,726	719,478	1,310,440	5,920,244	1,009,133	24,431	----------	9,016,478	8,442,538	143,444	105,511	324,985	24,916,037	15,899,559	52
373,489	65,081	41,535	244,541	22,332	----------	----------	435,743	385,774	11,211	6,522	32,236	977,973	542,230	53
} 3,361,687	105,442	522,433	2,543,397	190,415	----------	----------	6,032,112	5,762,196	190,622	79,294	----------	12,104,741	6,072,629	54

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[6] For numbers of establishments and of wage earners in individual industries, see table 12.

[a], [b], and [c] To avoid disclosing exact or approximate data for individual establishments, the data for certain establishments located outside the Milwaukee industrial area have been included in the figures for the industries to which these footnotes are indexed. Data for these establishments are not, however, included in the total for the area.
[a] 1 establishment. [b] 2 establishments. [c] 3 establishments.

TABLE 10.—GENERAL STATISTICS FOR MILWAUKEE, BY INDUSTRIES: 1939

[This table presents separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establishments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures are given, however, reported larger numbers of wage earners or larger values of products than some of those shown separately. No data for nonmanufacturing personnel, except salaried officers of corporations, are included in this table]

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
	All industries, total	1,489	635	1,854	9,328	61,672	$9,808,917	$18,780,830	$84,922,173	$220,248,347	$437,444,671	$217,206,324
17	Agricultural machinery (except tractors)	5	1	7	11	65	23,504	16,428	66,986	268,814	498,666	229,852
3	Batting, padding, and wadding; upholstery filling	3		6	6	41	(4)	(4)	(4)	(4)	(4)	(4)
8	Bookbinding and related industries [6]	17	10	28	47	515	106,694	56,421	553,768	786,944	1,970,659	1,183,715
8	Books: printing without publishing	10		28	76	278	107,127	160,269	326,409	549,877	1,473,932	924,055
8	Books: publishing without printing	2	3	1	34		2,700	40,577		71,901	231,817	159,916
12	Boot and shoe cut stock and findings	5		7	17	243	24,931	39,713	255,169	795,627	1,261,662	466,035
1	Bread and other bakery products (except biscuit, crackers, and pretzels)	213	192	42	117	2,264	184,200	215,344	2,892,962	5,728,247	12,509,573	6,781,326
20	Brushes [5]	9	8	11	8	110	39,621	14,009	106,996	186,298	479,173	292,875
4	Canvas products (except bags)	3		9	3	49	17,067	4,559	47,728	81,351	207,641	126,290
6	Caskets, coffins, burial cases, and other morticians' goods *	6	1	12	7	58	37,673	13,471	48,568	312,378	573,728	261,350
2	Cigars *	20	18	10	4	136	20,519	3,274	134,016	188,839	432,105	243,266
9	Cleaning and polishing preparations, blacking, and dressings	15	4	18	29	57	68,098	74,882	67,181	427,098	1,141,775	714,677
9	Compressed and liquefied gases (not made in petroleum refineries or in natural-gasoline plants)	7		4	12	48	(4)	(4)	(4)	(4)	(4)	(4)
13	Concrete products	19	10	14	20	121	76,242	31,999	168,261	574,699	1,387,608	812,909
17	Construction and similar machinery (except mining and oil-field machinery and tools)	3		7	142	595	(4)	(4)	(4)	(4)	(4)	(4)
7	Converted paper products not elsewhere classified	3		8	22	258	(4)	(4)	(4)	(4)	(4)	(4)
6	Cooperage *	6	1	6	8	98	28,480	12,326	87,026	299,875	529,906	230,031
1	Creamery butter	10	5	2	4	37	8,429	6,856	56,052	973,835	1,220,900	247,065
14	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	3	1	7	5	39	(4)	(4)	(4)	(4)	(4)	(4)
16	Electrical products not elsewhere classified	3	2	3	10	47	(4)	(4)	(4)	(4)	(4)	(4)
15	Electroplating, plating, and polishing	9	2	13	9	110	44,310	14,692	114,694	82,053	349,225	267,172
14	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	6	1	11	78	612	(4)	(4)	(4)	(4)	(4)	(4)
8	Engraving (steel, copperplate, and wood); plate printing *	9	6	10	8	40	26,688	10,570	49,434	40,518	214,337	173,819
7	Envelopes	4		10	17	107	(4)	(4)	(4)	(4)	(4)	(4)
14	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills [7]	20	5	42	175	722	191,468	542,636	942,353	2,770,741	7,197,268	2,438,527
1	Flavoring extracts and flavoring sirups, not elsewhere classified	6	3	3	2	5	(4)	(4)	(4)	(4)	(4)	(4)
1	Food preparations, not elsewhere classified	14	11	11	17	110	(4)	(4)	(4)	(4)	(4)	(4)
17	Food-products machinery	4	1	3	37	85	(4)	(4)	(4)	(4)	(4)	(4)
12	Footwear (except rubber)	17	2	34	232	3,062	234,770	405,501	3,116,112	6,958,368	12,532,422	5,574,054
4	Fur coats and other fur garments, accessories, and trimmings	8	2	7	4	58	(4)	(4)	(4)	(4)	(4)	(4)
20	Games and toys (except dolls and children's vehicles)	4	1	6	11	98	(4)	(4)	(4)	(4)	(4)	(4)
8	General commercial (job) printing	110	61	122	176	1,306	429,587	323,270	1,794,867	3,782,607	8,032,095	4,249,488
16	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	15	2	29	88	2,649	292,937	1,640,714	3,819,682	4,539,880	14,668,234	10,128,354
14	Gray-iron and semisteel castings	8	2	13	22	279	39,775	32,023	311,849	254,318	758,434	504,116
13	Gypsum products			4	10	16	9,420	9,760	11,619	81,689	190,164	108,475
14	Hardware not elsewhere classified	4	2	7	15	233	(4)	(4)	(4)	(4)	(4)	(4)
4	House dresses, uniforms, and aprons made in inside factories or by jobbers engaging contractors	6		14	77	827	(4)	(4)	(4)	(4)	(4)	(4)
6	Household furniture, except upholstered	5	1	1	11	103	(4)	(4)	(4)	(4)	(4)	(4)
1	Ice cream and ices	25	11	7	14	99	48,712	22,570	154,760	1,474,925	2,771,092	1,296,167
1	Ice, manufactured	8	1	6	5	67	38,976	10,729	112,004	146,927	618,941	472,014
12	Industrial leather belting and packing leather	4		5	2	8	17,269	7,786	13,280	93,155	152,528	59,373
17	Industrial machinery, not elsewhere classified [8]	15	2	29	64	320	194,791	120,588	446,718	986,080	2,347,223	1,361,143
9	Insecticides, fungicides, and related industrial and household chemical compounds	12	6	20	21	30	42,368	24,950	31,525	178,648	375,889	197,241
17	Internal-combustion engines	5	1	17	412	2,052	(4)	(4)	(4)	(4)	(4)	(4)
5	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors *	7	1	10	28	382	78,259	92,986	318,989	709,885	1,648,630	938,745

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR MILWAUKEE, BY INDUSTRIES: 1939—Continued

Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
12	Leather gloves and mittens [6]	14	2	24	78	1,113	$102,887	$102,377	$989,145	$1,512,680	$3,210,643	$1,697,963
12	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	10	.....	20	213	2,150	244,732	555,985	2,818,626	10,904,489	16,818,235	5,913,746
15	Lighting fixtures	9	4	12	10	74	47,920	15,137	69,208	201,205	426,670	225,465
8	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	22	1	42	74	649	224,028	139,426	956,930	1,392,592	3,440,256	2,047,664
9	Lubricating oils and greases—not made in petroleum refineries	8	.....	11	13	29	(4)	(4)	(4)	(4)	(4)	(4)
8	Machine and hand typesetting (including advertisement typesetting)	8	3	10	7	46	24,600	11,733	74,491	13,198	190,416	177,218
17	Machine-shop products, not elsewhere classified	27	7	43	72	475	183,002	125,972	564,612	1,038,453	2,364,201	1,325,748
17	Machine-shop repairs	10	9	3	6	35	(4)	(4)	(4)	(4)	(4)	(4)
17	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	22	5	36	33	351	151,536	64,958	487,307	242,661	1,252,448	1,009,787
1	Malt	4	.....	3	25	167	20,892	68,294	316,181	3,776,737	5,105,870	1,329,133
1	Malt liquors [6]	9	.....	27	318	2,390	353,321	666,570	4,103,956	14,671,965	39,754,531	25,082,566
6	Mattresses and bedsprings	6	2	9	8	110	35,642	15,323	109,048	454,057	786,730	332,673
4	Men's and boys' hats and caps (except felt and straw)	3	1	6	.....	23	(4)	(4)	(4)	(4)	(4)	(4)
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	5	3	4	3	161	11,820	4,038	132,314	14,367	183,810	169,443
4	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors [6]	9	8	5	22	495	22,180	41,711	468,001	951,507	1,811,394	859,887
4	Millinery	4	.....	11	14	247	(4)	(4)	(4)	(4)	(4)	(4)
20	Miscellaneous fabricated products not elsewhere classified	6	1	11	15	40	17,278	22,868	35,966	165,134	330,476	165,342
20	Models and patterns (except paper patterns)	21	12	18	13	146	56,403	20,418	207,142	80,740	521,820	441,080
13	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	9	3	11	15	63	22,205	21,830	92,064	135,263	343,274	208,011
18	Motor vehicles, motor-vehicle bodies, parts and accessories	10	3	29	828	6,249	(4)	(4)	(4)	(4)	(4)	(4)
8	Newspapers: publishing and printing	9	2	22	693	771	(4)	(4)	(4)	(4)	(4)	(4)
1	Nonalcoholic beverages	22	12	26	23	97	104,352	32,026	128,142	681,302	1,801,478	1,120,176
15	Nonferrous-metal foundries (except aluminum)	11	5	15	33	234	66,404	65,852	335,414	694,625	1,638,414	943,789
15	Nonferrous-metal products not elsewhere classified	6	.....	13	26	225	96,888	51,357	304,449	453,897	1,141,029	687,132
20	Organs [6]	5	1	8	2	34	11,984	1,179	34,037	32,575	101,331	68,756
9	Paints, varnishes, and lacquers	11	.....	14	160	503	(4)	(4)	(4)	(4)	(4)	(4)
7	Paperboard containers and boxes not elsewhere classified	10	2	11	135	910	152,900	290,784	1,149,970	4,686,265	7,712,275	3,026,010
6	Partitions, shelving, cabinet work, and office and store fixtures	10	6	15	22	149	(4)	(4)	(4)	(4)	(4)	(4)
8	Periodicals: publishing and printing	7	.....	14	51	204	118,139	88,390	348,924	424,805	1,612,341	1,187,536
8	Periodicals: publishing without printing	13	3	17	63	1	56,467	110,437	780	356,287	694,028	337,741
8	Photoengraving, not done in printing establishments (including preparation of plates)	11	.....	22	30	111	100,039	59,022	283,505	132,962	728,202	595,240
20	Photographic apparatus and materials and projection equipment (except lenses)	3	1	1	3	8	7,500	1,454	7,330	13,419	26,015	12,596
5	Planing mills not operated in conjunction with sawmills	21	5	34	96	554	163,637	152,422	676,914	1,219,534	2,491,906	1,272,372
14	Power boilers and associated products	6	1	11	21	109	(4)	(4)	(4)	(4)	(4)	(4)
17	Pumping equipment and air compressors	5	.....	13	74	160	(4)	(4)	(4)	(4)	(4)	(4)
11	Rubber products not elsewhere classified	6	4	8	13	65	(4)	(4)	(4)	(4)	(4)	(4)
1	Sausages, prepared meats, and other meat products—not made in meat-packing establishments [6]	30	11	41	38	330	206,007	68,976	448,269	4,326,513	5,895,136	1,568,623
14	Screw-machine products and wood screws	7	1	12	10	87	50,902	17,341	116,540	152,492	413,247	260,755
20	Signs, advertising displays, and advertising novelties [6]	21	9	29	37	227	124,587	62,158	266,505	474,825	1,121,767	646,942
9	Soap and glycerin	6	5	2	8	27	6,560	13,090	27,056	207,032	359,531	152,499
20	Sporting and athletic goods not elsewhere classified	9	4	8	13	62	16,035	14,045	53,139	131,504	297,804	166,300
14	Stamped and pressed metal products (except automobile stampings)	15	4	22	80	903	(4)	(4)	(4)	(4)	(4)	(4)
14	Steel castings	7	.....	26	305	2,073	240,284	646,107	3,215,000	4,628,926	10,718,173	6,089,247
14	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	5	.....	10	181	980	(4)	(4)	(4)	(4)	(4)	(4)

See footnotes at end of table.

TABLE 10.—GENERAL STATISTICS FOR MILWAUKEE, BY INDUSTRIES: 1939—Continued

Group	INDUSTRY	*Number of establishments	*Proprietors and firm members	*Salaried officers of corporations [1]	*Salaried employees [1]	*Wage earners (average for year) [2]	Salaries of officers of corporations [1]	Salaries of employees [1]	Wages	Cost of materials, supplies, fuel, purchased electric energy, and contract work	Value of products	Value added by manufacture [3]
12	Suitcases, briefcases, bags, trunks, and other luggage	4	2	4	4	63	(4)	(4)	(4)	(4)	(4)	(4)
20	Surgical supplies and equipment not elsewhere classified; orthopedic appliances [a]	4	1	3	2	13	$10,300	$4,285	$18,150	$85,338	$130,372	$45,034
6	Upholstered household furniture [a]	7	2	9	8	105	22,907	12,583	110,014	267,672	472,533	204,861
4	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	3	1	4	10	80	(4)	(4)	(4)	(4)	(4)	(4)
	Other industries [5]	527	180	771	5,572	35,007	4,381,075	11,511,287	50,136,094	132,915,767	251,014,782	118,099,015
	OTHER INDUSTRIES, BY INDUSTRY GROUPS [5]											
1	Food and kindred products	84	40	77	359	2,368	324,277	630,908	2,970,081	32,327,774	40,931,679	8,603,905
3	Textile-mill products and other fiber manufactures	18	6	34	291	4,791	229,886	609,191	5,376,137	6,358,314	16,623,971	10,265,657
4	Apparel and other finished products made from fabrics and similar materials	58	20	91	230	2,223	324,616	274,179	1,994,394	5,537,850	9,344,301	3,806,451
6	Furniture and finished lumber products	32	14	31	75	670	101,686	119,706	687,403	1,369,633	2,759,942	1,390,309
7	Paper and allied products	14	.	32	142	1,018	204,956	286,561	1,367,463	3,348,146	7,097,947	3,749,801
9	Chemicals and allied products	52	9	60	275	893	252,878	604,086	1,337,701	8,196,127	14,900,624	6,704,497
12	Leather and leather products	12	7	9	11	163	20,283	15,850	143,608	358,227	720,075	361,848
13	Stone, clay, and glass products	19	7	25	13	93	37,780	17,818	95,594	92,518	308,676	216,158
14	Iron and steel and their products, except machinery	71	21	127	713	5,389	788,833	1,416,253	7,528,319	16,496,847	36,288,187	19,791,340
16	Electrical machinery	13	7	17	210	857	185,165	459,041	1,173,608	3,065,842	6,001,462	2,935,620
17	Machinery (except electrical)	63	15	123	1,345	7,052	885,312	2,857,424	11,286,232	22,182,778	46,952,888	24,770,110
20	Miscellaneous industries	18	6	20	38	301	93,446	55,412	341,814	533,128	1,284,579	751,451
8	Printing, publishing, and allied industries	16	3	36	716	816						
11	Rubber products	6	4	8	13	65						
15	Nonferrous metals and their products	35	18	39	71	681	931,957	4,164,858	15,833,740	33,048,583	67,800,451	34,751,868
18	Automobiles and automobile equipment	10	3	29	828	6,249						
10	Products of petroleum and coal	2										
19	Transportation equipment except automobiles	4	.	13	242	1,378						

*As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] Figures do not include data for personnel of central-administrative offices.
[2] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.
[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[4] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[5] For numbers of establishments and of wage earners in individual industries, see table 12.

[a], [b], and [c] To avoid disclosing exact or approximate data for individual establishments, the data for certain establishments located outside Milwaukee have been included in the figures for the industries to which these footnotes are indexed. Data for these establishments are not, however, included in the total for the city.
[a] 1 establishment. [b] 2 establishments. [c] 3 establishments.

TABLE 11.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939

COUNTY	Total	INDUSTRY GROUP																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
The State	6,717	3,712	34	66	108	268	217	138	623	153	12	16	129	171	269	140	69	361	40	25	166
Adams	8	5				2			1												
Ashland	33	21				5	1	1	2		1			1				1			
Barron	60	42				1	7		6					1				2			1
Bayfield	25	15				6			2	2											
Brown	178	97	1		2	3	8	14	14	3	2		2	9	6	2		10		1	4
Buffalo	22	15				5			2												
Burnett	11	7				3			1												
Calumet	68	50	1			1			4	1			1	3		1		6			
Chippewa	77	49		1	1	5	3	2	6	1			5	2				1	1		
Clark	118	104				3	3	1	6									1			
Columbia	70	59		1					5	1			1	2		1					
Crawford	47	38		1		2	2		2	1								1			
Dane	259	165				2	3	1	37	6			1	5	12	7	4	8	4		4
Dodge	207	170				1	5	1	8	2		1	5	2	5	2		4			1
Door	37	30					1		3											3	
Douglas	36	15				2	1		7		2				3		1	3		2	
Dunn	33	23	1			2	1		3					2		1					
Eau Claire	68	32	1			2	2	3	11	1		1	2	3	1	2		5	1		1
Florence	3	1				2															
Fond du Lac	137	86		2	2	3	5	1	8	1			4	4	3	5	2	7		1	3
Forest	15	5				8	1		1												
Grant	100	89					1		7	2					1						
Green	134	125		1	1		1		4						1			1			
Green Lake	32	21			2	2			3				3					1			
Iowa	111	107				1			2						1						
Iron	7	4							1									2			
Jackson	25	20				4			1												
Jefferson	100	58		5	1	5	2		9			1	4	1	2	4		7			1
Juneau	23	18					1		3	1											
Kenosha	73	30		2			7		5	3	1			3	7	4	2	6	2		1
Kewaunee	72	55			2	2	6		3						1	1		2			
La Crosse	97	42	1		1	6	3		14	2		1		5	5	4		7	2		4
Lafayette	87	84							2									1			
Langlade	39	17				17	2		1				1					1			
Lincoln	52	34		2		1	4	3	4				1	1	1			1			
Manitowoc	186	119	1	2	4	2	5	4	12	1				9	4	9	2	6		2	4
Marathon	190	132				11	6	8	10	1		1	1	8	1		3	5			3
Marinette	50	25	1	1		3	2	8	6	1			1	1						1	
Marquette	14	12				1								1							
Milwaukee	1,657	446	19	25	75	29	61	25	234	97	2	6	67	60	132	74	31	159	13	7	95
Monroe	24	21							2												1
Oconto	89	76				8		2	3												
Oneida	28	7				8	2	2	6					1				1		1	
Outagamie	170	97		5		5	7	14	8	4		1		8	9	1	3	5	1		2
Ozaukee	64	31		2	1	1	3		3	1			2	2	4	2		11	1		
Pepin	8	5					1		1									1			
Pierce	25	13			1	2			6	1								1			1
Polk	59	51					1		7												
Portage	57	32			1	5	3	5	5					1		2		1			2
Price	34	24				5		2	2									1			
Racine	206	56	1	2	1	2	3	1	15	5		3	8	8	32	6	11	36	4		12
Richland	69	63				2	1		3												
Rock	94	39	1	4	2	3	3	2	10	1			4	1	1		4	13	4		2
Rusk	24	13				4	1	3	2												1
St. Croix	32	25							6												1
Sauk	62	45		3	1	4			4					1				3		1	
Sawyer	23	7				14			1												1
Shawano	110	88				15	1	2	4												
Sheboygan	234	125	2	1	3	5	25	4	14	3	3		9	9	11	1	1	12			6
Taylor	32	23				8			1												
Trempealeau	29	22				1			6												
Vernon	49	40				6			3												
Vilas	8	3				4			1												
Walworth	51	27	2	1	1				11					1	1	1		1		2	3
Washburn	15	9				2			1									1		2	
Washington	72	46		1			3		3				4	2	1	2	2	4	3		1
Waukesha	100	43				4	3		8	3	1			8	12	2	1	10		1	4
Waupaca	84	64				6	1		5					1	2			1	2		2
Waushara	16	12				1		1	1					1							
Winnebago	203	85	2	4	4	9	11	18	25	7		1	2	3	8	5	2	10	2	1	4
Wood	85	53			2	2	4	10	6	1			1	1	2	1		1			1

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE MILWAUKEE INDUSTRIAL AREA, AND FOR MILWAUKEE: 1939

[In order to avoid disclosing data for individual establishments, wage-earner figures for industries represented by fewer than three establishments are withheld]

Group No.[1]	TITLE	Number of establishments	Wage earners
	STATE OF WISCONSIN		
1	Baking powder, yeast, and other leavening compounds	4	140
	Beet sugar	1	-
	Cane-sugar refining	1	-
	Canned fish, crustacea, and mollusks	1	-
	Chocolate and cocoa products	3	154
	Cured fish	3	12
	Custom slaughtering, wholesale	1	-
	Liquors, rectified or blended	2	
	Macaroni, spaghetti, vermicelli, and noodles	4	84
	Preserves, jams, jellies, and fruit butters	1	-
	Sausage casings—not made in meat-packing establishments	1	-
	Vinegar and cider	1	-
2	Tobacco (chewing and smoking) and snuff	5	13
3	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	3	314
	Cloth sponging and miscellaneous special finishing	1	-
	Cordage and twine	1	-
	Cotton broad woven goods	1	-
	Dyeing and finishing cotton, rayon, silk, and linen textiles	2	
	Felt goods, wool, hair, and jute (except woven felts and hat bodies and hats	3	266
	Hosiery—full-fashioned	5	4,908
	Knitted cloth	2	-
	Knitted gloves	2	-
	Knitted underwear	4	961
	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	3	65
	Woolen and worsted manufactures—contract factories	2	-
4	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	2	-
	Curtains, draperies, and bedspreads—contract factories	1	-
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	1	-
	Embroideries, other than Schiffli-machine products—contract factories	1	-
	Embroideries—Schiffli-machine products	1	
	Housefurnishings (except curtains, draperies, and bedspreads)	4	96
	Men's and boys' hats and caps (except felt and straw)	3	23
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	1	-
	Men's neckwear—made in inside factories or by jobbers engaging contractors	1	-
	Millinery	4	247
	Raincoats and other waterproof garments (except oiled cotton)	2	
	Suspenders, garters, and other goods made from purchased elastic material	1	-
	Textile bags—not made in textile mills	4	150
	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories	2	-
	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	1	
	Trousers (semidress), wash suits, and washable service apparel	1	
	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	2	
	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	3	80
	Work gloves and mittens: cloth, cloth and leather combined	1	-
6	Baskets for fruits and vegetables	1	-
	Cigar boxes: wooden, part wooden	1	
	Excelsior	4	156
	Lasts and related products	1	-
	Matches	1	-
	Mattresses and bedsprings	14	1,176
	Venetian blinds	2	-
	Window and door screens and weather strip	2	
	Wood preserving	2	-
7	Die-cut paper and paperboard, and converted cardboard	3	73
	Envelopes	4	107
	Fiber cans, tubes, and similar products	2	-
	Paper bags, except those made in paper mills	2	
	Pulp goods (pressed, molded)	2	-
	Wallpaper	2	-
9	Cleaning and polishing preparations, blackings, and dressings	20	215
	Coal-tar products, crude and intermediate	1	-
	Explosives	1	-
	STATE OF WISCONSIN—Continued		
9	Glue and gelatin	2	-
	Linseed oil, cake, and meal	1	-
	Mucilage, paste, and other adhesives, except glue and rubber cement	1	
	Rayon and allied products	1	-
	Soybean oil, cake, and meal	1	-
	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	1	-
10	Oven coke and coke-oven byproducts	2	-
	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	1	
11	Rubber boots and shoes (including rubber-soled footwear with fabric uppers)	1	-
	Tires and inner tubes	2	-
12	Leather goods not elsewhere classified	2	-
	Saddlery, harness, and whips	4	64
	Small leather goods	5	385
	Women's pocketbooks, handbags, and purses	1	-
13	Abrasive wheels, stones, paper, cloth, and related products	1	-
	Cement	1	-
	Clay refractories, including refractory cement (clay)	1	-
	Floor and wall tile (except quarry tile)	1	-
	Minerals and earths, ground or otherwise treated	2	-
	Mineral wool	2	-
	Porcelain electrical supplies	1	-
	Pottery products not elsewhere classified	1	-
	Sand-lime brick, block and tile	2	-
	Steam and other packing; pipe and boiler covering	2	-
	Vitreous-china plumbing fixtures	1	-
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	2	-
14	Doors, window sash, frames, molding, and trim (made of metal)	2	-
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	3	43
	Heating and cooking apparatus, except electric, not elsewhere classified	5	147
	Safes and vaults	1	-
	Steam and hot-water heating apparatus (including hot-water furnaces)	3	491
	Steel barrels, kegs, and drums	1	-
	Steel works and rolling mills	2	-
	Vitreous-enameled products, including kitchen, household, and hospital utensils	2	-
	Wire drawn from purchased rods	2	-
	Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills	1	-
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	3	1,045
	Clocks, watches, and materials and parts (except watchcases)	1	-
	Engraving on metal (except for printing purposes)	2	-
	Secondary smelting and refining, gold, silver, and platinum	1	-
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	2	-
16	Carbon products for the electrical industry, and manufactures of carbon or artificial graphite	2	-
	Communication equipment	4	244
	Electrical appliances	4	599
	Radios, radio tubes, and phonographs	2	-
	Wiring devises and supplies	2	-
	X-ray and therapeutic apparatus and electronic tubes	4	51
17	Blowers; exhaust and ventilating fans	2	-
	Cars and trucks, industrial	3	85
	Commercial laundry, dry-cleaning, and pressing machinery	2	-
	Laundry equipment, domestic	2	-
	Measuring and dispensing pumps	1	-
	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	3	158
	Mechanical power-transmission equipment	8	573
	Mining machinery and equipment	1	-
	Office and store machines not elsewhere classified	4	116
	Scales and balances	1	-
	Stokers, mechanical, domestic and industrial	2	-
	Vending, amusement, and other coin-operated machines	2	-
18	Automobile trailers (for attachment to passenger cars)	2	-
19	Motorcycles, bicycles, and parts	2	-
	Transportation equipment not elsewhere classified	2	-

See footnote at end of table.

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE MILWAUKEE INDUSTRIAL AREA, AND FOR MILWAUKEE: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	STATE OF WISCONSIN—Continued		
20	Artists' materials	1	
	Children's vehicles	1	
	Dental equipment and supplies	1	
	Fabricated plastic products, not elsewhere classified	2	
	Feathers, plumes, and artificial flowers	1	
	Furs, dressed and dyed	1	
	Hand stamps, stencils, and brands	2	
	Jewelry cases and instrument cases	1	
	Lamp shades	1	
	Musical instruments, parts, and materials not elsewhere classified	2	
	Needles, pins, hooks and eyes, and slide and snap fasteners	1	
	Ophthalmic goods: lenses and fittings	1	
	Pens, mechanical pencils, and pen points	1	
	Piano and organ parts and materials	1	
	Professional and scientific instruments (except surgical and dental)	1	
	Soda fountains, beer dispensing equipment, and related products	1	
	MILWAUKEE INDUSTRIAL AREA		
1	Baking powder, yeast, and other leavening compounds	3	
	Biscuit, crackers, and pretzels	5	
	Cane-sugar refining	1	
	Cheese	2	
	Chocolate and cocoa products	3	154
	Condensed and evaporated milk	1	
	Cured fish	2	
	Custom slaughtering, wholesale	1	
	Flavoring extracts and flavoring sirups, not elsewhere classified	6	5
	Flour and other grain-mill products	1	
	Liquors, rectified or blended	2	
	Macaroni, spaghetti, vermicelli, and noodles	3	
	Pickled fruits and vegetables and vegetable sauces and seasonings	4	180
	Preserves, jams, jellies, and fruit butters	1	
	Special dairy products	2	
3	Batting, padding, and wadding; upholstery filling	3	41
	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	1	
	Cloth sponging and miscellaneous special finishing	1	
	Cordage and twine	1	
	Dyeing and finishing cotton, rayon, silk, and linen textiles	2	
	Felt goods, wool, hair, and jute (except woven felts and hat bodies and hats)	3	266
	Hosiery—full-fashioned	3	
	Hosiery—seamless	1	
	Knitted gloves	1	
	Knitted underwear	3	
	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	2	
	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	1	
4	Clothing, leather and sheep-lined	5	
	Coats, suits, and skirts (except fur coats)—made in inside factories, or by jobbers engaging contractors	1	
	Curtains, draperies, and bedspreads—contract factories	1	
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	1	
	Embroideries, other than Schiffli-machine products—contract factories	1	
	Fur coats and other fur garments, accessories, and trimmings	8	58
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	7	
	Housefurnishings (except curtains, draperies, and bedspreads)	2	
	Men's and boys' hats and caps (except felt and straw)	3	23
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	1	
	Men's neckwear—made in inside factories or by jobbers engaging contractors	1	
	Millinery	4	247
	Miscellaneous fabricated textile products not elsewhere classified	2	
	Raincoats and other waterproof garments (except oiled cotton)	2	
	Suspenders, garters, and other goods made from purchased elastic material	1	
	Textile bags—not made in textile mills	3	
	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories	2	
	Trousers (semidress), wash suits, and washable service apparel	1	
	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	1	
	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	3	80
	Work gloves and mittens: cloth, cloth and leather combined	1	
	MILWAUKEE INDUSTRIAL AREA—Continued		
6	Baskets for fruits and vegetables	1	
	Cigar boxes: wooden, part wooden	1	
	Household furniture, except upholstered	10	996
	Lasts and related products	1	
	Mattresses and bedsprings	8	1,150
	Office furniture	2	
	Partitions, shelving, cabinet work, and office and store fixtures	10	149
	Public-building furniture	1	
	Venetian blinds	1	
	Window and door screens and weather strip	1	
	Wood preserving	1	
7	Coated and glazed paper	2	
	Converted paper products not elsewhere classified	3	258
	Die-cut paper and paperboard, and converted cardboard	2	
	Envelopes	4	107
	Paper and paperboard mills	1	
	Paper bags, except those made in paper mills	2	
	Pulp goods (pressed, molded)	2	
8	Books: printing without publishing	12	786
	Electrotyping and stereotyping, not done in printing establishments	6	
	Newspapers: publishing without printing	2	
	Periodicals: publishing and printing	9	217
9	Chemicals not elsewhere classified	3	9
	Cleaning and polishing preparations, blackings, and dressings	18	
	Coal-tar products, crude and intermediate	1	
	Colors and pigments	2	
	Glue and gelatin	2	
	Grease and tallow (except lubricating greases)	4	31
	Linseed oil, cake, and meal	1	
	Lubricating oils and greases—not made in petroleum refineries	10	
	Mucilage, paste, and other adhesives, except glue and rubber cement	1	
	Perfumes, cosmetics, and other toilet preparations	2	
	Printing ink	3	
	Soap and glycerin	7	
	Soybean oil, cake, and meal	1	
	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	1	
10	Fuel briquets	2	
	Oven coke and coke-oven byproducts	1	
12	Leather goods not elsewhere classified	2	
	Leather: tanned, curried, and finished—contract factories	2	
	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	14	2,799
	Saddlery, harness, and whips	2	
	Small leather goods	3	
	Women's pocketbooks, handbags, and purses	1	
13	Abrasive wheels, stones, paper, cloth, and related products	1	
	Clay refractories, including refractory cement (clay)	1	
	Floor and wall tile (except quarry tile)	1	
	Minerals and earths, ground or otherwise treated	1	
	Mineral wool	1	
	Mirrors and other glass products made of purchased glass	8	
	Pottery products not elsewhere classified	1	
	Steam and other packing; pipe and boiler covering	2	
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	1	
14	Automobile stampings	3	
	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	2	
	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	8	
	Doors, window sash, frames, molding, and trim (made of metal)	1	
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semi-vitreous china sanitary ware)	9	1,005
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	2	
	Heating and cooking apparatus, except electric, not elsewhere classified	4	
	Malleable-iron castings	6	822
	Safes and vaults	1	
	Stamped and pressed metal products (except automobile stampings)	18	
	Steam fittings, regardless of material	7	
	Steel works and rolling mills	2	
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	5	980
	Tin cans and other tinware not elsewhere classified	2	
	Tools (except edge tools, machine tools, files, and saws)	5	165
	Wire drawn from purchased rods	1	
	Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills	1	

See footnote at end of table

TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE MILWAUKEE INDUSTRIAL AREA, AND FOR MILWAUKEE: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	MILWAUKEE INDUSTRIAL AREA—Continued		
15	Alloying, and rolling and drawing of nonferrous metals, except aluminum	3	1,045
	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	4	-
	Electroplating, plating, and polishing	11	-
	Engraving on metal (except for printing purposes)	2	-
	Jewelry (precious metals)	7	-
	Nonferrous-metal products not elsewhere classified	9	267
	Secondary smelting and refining, gold, silver, and platinum	1	-
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	2	-
	Sheet metal work not specifically classified	21	634
16	Automotive electrical equipment	1	-
	Batteries, storage and primary (dry and wet)	4	665
	Carbon products for the electrical industry, and manufactures of carbon or artificial graphite	1	-
	Communication equipment	3	-
	Electrical appliances	2	-
	Electrical products not elsewhere classified	7	110
	Radios, radio tubes, and phonographs	2	-
	Wiring devices and supplies	1	-
	X-ray and therapeutic apparatus and electronic tubes	2	-
17	Blowers; exhaust and ventilating fans	2	-
	Cars and trucks, industrial	1	-
	Commercial laundry, dry-cleaning, and pressing machinery	2	-
	Elevators, escalators, and conveyors	5	-
	Food-products machinery	7	682
	Machine tools	5	1,307
	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	2	-
	Mechanical power-transmission equipment	8	573
	Mining machinery and equipment	1	-
	Office and store machines not elsewhere classified	3	-
	Paper-mill, pulp-mill, and paper-products machinery	2	-
	Pumping equipment and air compressors	5	160
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	4	323
	Scales and balances	1	-
	Stokers, mechanical domestic and industrial	1	-
	Woodworking machinery	2	-
19	Cars and car equipment—railroad, street, and rapid-transit	3	-
	Motorcycles, bicycles, and parts	2	-
	Shipbuilding and ship repairing	1	-
	Transportation equipment not elsewhere classified	1	-
20	Brooms	4	-
	Fabricated plastic products, not elsewhere classified	1	-
	Furs, dressed and dyed	1	-
	Hand stamps, stencils, and brands	2	-
	Lamp shades	1	-
	Musical instruments, parts, and materials not elsewhere classified	1	-
	Ophthalmic goods: lenses and fittings	1	-
	Piano and organ parts and materials	1	-
	Professional and scientific instruments (except surgical and dental)	1	-
	Soda fountains, beer dispensing equipment, and related products	1	-
	CITY OF MILWAUKEE		
1	Baking powder, yeast, and other leavening compounds	2	-
	Biscuit, crackers, and pretzels	4	-
	Candy and other confectionery products	19	-
	Cane-sugar refining	1	-
	Cheese	1	-
	Chocolate and cocoa products	2	-
	Cured fish	2	-
	Custom slaughtering, wholesale	1	-
	Flavoring extracts and flavoring sirups, not elsewhere classified	6	5
	Food preparations, not elsewhere classified	14	110
	Liquors, rectified or blended	2	-
	Macaroni, spaghetti, vermicelli, and noodles	3	-
	Meat packing, wholesale	14	-
	Pickled fruits and vegetables and vegetable sauces and seasonings	2	-
	Poultry dressing and packing, wholesale	6	-
	Prepared feeds (including mineral) for animals and fowls	4	-
	Preserves, jams, jellies, and fruit butters	1	-
3	Batting, padding, and wadding; upholstery filling	3	41
	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	1	-
	Cloth sponging and miscellaneous special finishing	1	-
	Cordage and twine	1	-
	Dyeing and finishing cotton, rayon, silk, and linen textiles	2	-
	Felt goods, wool, hair, and jute (except woven felts and hat bodies and hats)	1	-
	CITY OF MILWAUKEE—Continued		
3	Hosiery—full-fashioned	2	-
	Hosiery—seamless	1	-
	Knitted gloves	1	-
	Knitted underwear	2	-
	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	2	-
	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	1	-
4	Clothing, leather and sheep-lined	5	-
	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	1	-
	Curtains, draperies, and bedspreads—contract factories	1	-
	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	1	
	Embroideries, other than Schiffli-machine products—contract factories	1	
	Fur coats and other fur garments, accessories, and trimmings	8	58
	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	6	827
	Housefurnishings (except curtains, draperies, and bedspreads)	2	-
	Men's and boys' hats and caps (except felt and straw)	3	23
	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	1	-
	Men's neckwear—made in inside factories or by jobbers engaging contractors	1	-
	Millinery	4	247
	Miscellaneous fabricated textile products not elsewhere classified	2	-
	Raincoats and other waterproof garments (except oiled cotton)	2	-
	Suspenders, garters, and other goods made from purchased elastic material	1	-
	Textile bags—not made in textile mills	3	-
	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories	2	-
	Trousers (semidress), wash suits, and washable service apparel	1	-
	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	1	-
	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	3	80
	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	8	
	Work gloves and mittens: cloth, cloth and leather combined	1	-
6	Cigar boxes: wooden, part wooden	1	-
	Household furniture, except upholstered	5	103
	Lasts and related products	1	-
	Office furniture	2	-
	Partitions, shelving, cabinet work, and office and store fixtures	10	149
	Public-building furniture	1	-
	Venetian blinds	1	-
	Window and door screens and weather strip	1	-
	Window shades	4	-
	Wooden boxes except cigar boxes	5	-
	Wood products not elsewhere classified	1	-
7	Coated and glazed paper	2	-
	Converted paper products not elsewhere classified	3	258
	Die-cut paper and paperboard, and converted cardboard	1	-
	Envelopes	4	107
	Paper and paperboard mills	1	-
	Paper bags, except those made in paper mills	1	-
	Pulp goods (pressed, molded)	2	-
8	Electrotyping and stereotyping, not done in printing establishments	6	-
	Newspapers: publishing and printing	9	771
	Newspapers: publishing without printing	1	
9	Chemicals not elsewhere classified	2	
	Colors and pigments	2	-
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	7	48
	Drugs and medicines (including drug grinding)	8	
	Fertilizers	2	
	Glue and gelatin	1	-
	Grease and tallow (except lubricating greases)	2	-
	Linseed oil, cake, and meal	1	-
	Lubricating oils and greases—not made in petroleum refineries	8	29
	Mucilage, paste, and other adhesives, except glue and rubber cement	1	
	Paints, varnishes, and lacquers	11	503
	Perfumes, cosmetics, and other toilet preparations	2	-
	Printing ink	3	-
	Soybean oil, cake, and meal	1	-
	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	1	-

See footnote at end of table.

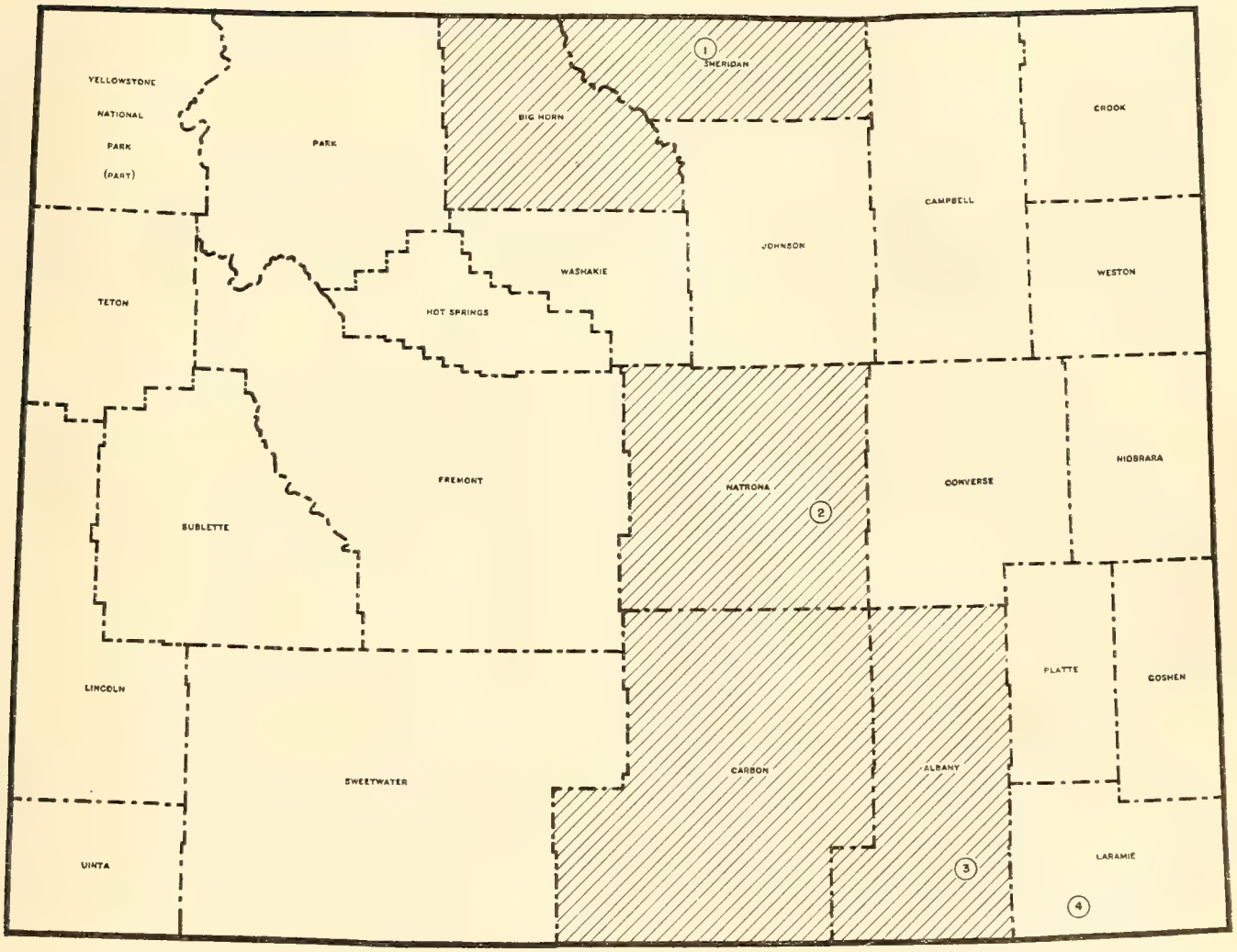
TABLE 12.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE, FOR THE MILWAUKEE INDUSTRIAL AREA, AND FOR MILWAUKEE: 1939—Continued

Group No.[1]	TITLE	Number of establishments	Wage earners
	CITY OF MILWAUKEE—Continued		
10	Fuel briquets	1	
	Oven coke and coke-oven byproducts	1	
11	Rubber products not elsewhere classified	6	65
12	Leather goods not elsewhere classified	2	
	Saddlery, harness, and whips	2	
	Small leather goods	3	
	Suitcases, brief cases, bags, trunks, and other luggage	4	63
	Women's pocketbooks, handbags, and purses	1	
13	Abrasive wheels, stones, paper, cloth, and related products	1	
	Clay refractories, including refractory cement (clay)	1	
	Minerals and earths, ground or otherwise treated	1	
	Mirrors and other glass products made of purchased glass	8	
	Statuary and art goods (except stone and concrete)—factory production	5	
	Steam and other packing; pipe and boiler covering	2	
	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	1	
14	Automobile stampings	2	
	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	2	
	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	3	39
	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	6	612
	Forgings, iron and steel—made in plants not operated in connection with rolling mills	2	
	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	2	
	Hardware not elsewhere classified	3	233
	Heating and cooking apparatus, except electric, not elsewhere classified	2	
	Malleable-iron castings	1	
	Power boilers and associated products	6	109
	Safes and vaults	1	
	Stamped and pressed metal products (except automobile stampings)	15	903
	Steam fittings, regardless of material	7	
	Steel works and rolling mills	1	
	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	5	980
	Tin cans and other tinware not elsewhere classified	1	
	Tools (except edge tools, machine tools, files, and saws)	4	
	Wirework not elsewhere classified	7	
	Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills	1	
15	Alloying; and rolling and drawing of nonferrous metals, except aluminum	2	
	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	2	
	Engraving on metal (except for printing purposes)	2	
	Jewelry (precious metals)	7	
	CITY OF MILWAUKEE—Continued		
15	Secondary smelting and refining, gold, silver, and platinum	1	
	Secondary smelting and refining of nonferrous metals, not elsewhere classified	1	
	Sheet-metal work not specifically classified	20	
16	Automotive electrical equipment	1	
	Batteries, storage and primary (dry and wet)	3	
	Carbon products for the electrical industry, and manufactures of carbon or artificial graphite	1	
	Communication equipment	1	
	Electrical products not elsewhere classified	3	47
	Radios, radio tubes, and phonographs	2	
	X-ray and therapeutic apparatus and electronic tubes	2	
17	Cars and trucks, industrial	1	
	Commercial laundry, dry-cleaning, and pressing machinery	2	
	Construction and similar machinery (except mining and oil-field machinery and tools)	3	595
	Elevators, escalators, and conveyors	5	
	Food-products machinery	4	85
	Internal-combustion engines	5	2,052
	Machine-shop repairs	10	35
	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	2	
	Mechanical power-transmission equipment	7	
	Metalworking machinery and equipment, not elsewhere classified	2	
	Office and store machines not elsewhere classified	2	
	Printing-trades machinery and equipment	4	
	Pumping equipment and air compressors	5	160
	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	3	
	Scales and balances	1	
	Special-industry machinery, not elsewhere classified	3	
	Tractors	2	
	Woodworking machinery	2	
18	Motor vehicles, motor-vehicle bodies, parts and accessories	10	6,249
19	Cars and car equipment—railroad, street, and rapid-transit	2	
	Motorcycles, bicycles, and parts	2	
20	Brooms	4	
	Fabricated plastic products, not elsewhere classified	1	
	Furs, dressed and dyed	1	
	Games and toys (except dolls and children's vehicles)	4	98
	Hand stamps, stencils, and brands	2	
	Lamp shades	1	
	Musical instruments, parts, and materials not elsewhere classified	1	
	Ophthalmic goods: lenses and fittings	1	
	Piano and organ parts and materials	1	
	Professional and scientific instruments (except surgical and dental)	1	
	Soda fountains, beer dispensing equipment, and related products	1	

[1] For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and of industry groups, sec. 27.

WYOMING

DENSITY OF WAGE-EARNER EMPLOYMENT, BY COUNTIES: 1939



KEY TO PLACES

CASPER	2
CHEYENNE	4
LARAMIE	3
SHERIDAN	1

UNDER 250 WAGE EARNERS

250 TO 999 WAGE EARNERS

PLACES OF 10,000 TO 99,999 POPULATION

Prepared by the Bureau of the Census, Department of Commerce

WYOMING

Table 1. SUMMARY FOR THE STATE: 1939, 1937, AND 1929

Census year	Number of establishments	Proprietors and firm members	Number of persons employed in manufacturing [1]	Salaries and wages [1]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2]	Value of products [2]	Value added by manufacture [3]
1939	310	229	4,276	$6,437,565	$29,793,628	$45,423,103	$15,629,475
1937	235	164	4,619	6,929,921	33,028,167	49,128,729	16,100,562
1929	233	127	4,746	8,378,591	59,202,898	88,647,942	29,445,044

[1] Figure for 1939 does not include data for employees of manufacturing establishments (except salaried officers of corporations) who were engaged in distribution, construction, and other nonmanufacturing work. For detail, see table 8. It is not known to what extent data for such nonmanufacturing employees were included in figures reported for earlier years. See General Explanations—Persons engaged—general classification.

[2] The aggregates for cost of materials, etc., and value of products include large amounts of duplication due to the use of the products of some industries as materials by others. See General Explanations—Duplication in cost of materials and value of products.

[3] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See General Explanations—Value added by manufacture.

Table 2.—SUMMARY FOR COUNTIES AND PLACES: 1939

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2,3]	Value of products [2,3]	Value added by manufacture [4]
The State	250,742	[5] 310	3,484	$4,757,094	$29,793,628	$45,423,103	$15,629,475
Counties [5]							
Albany	13,946	23	363	439,133	1,846,761	2,935,321	1,088,560
Big Horn [6]	12,911	15	265	----	----	----	----
Campbell [6]	6,048	2	---	----	----	----	----
Carbon [6]	12,644	25	330	----	----	----	----
Converse [6]	6,631	8	94	----	----	----	----
Crook	5,463	9	137	204,840	125,467	457,597	332,130
Fremont	16,095	19	181	183,608	589,367	984,272	394,905
Goshen [6]	12,207	11	181	----	----	----	----
Hot Springs	4,607	7	43	38,530	108,703	217,520	108,817
Johnson	4,980	4	8	8,742	27,664	47,268	19,604
Laramie	33,651	24	187	229,804	1,267,005	2,106,003	838,998
Lincoln	10,286	19	208	171,955	332,173	575,027	242,854
Natrona	23,858	38	628	1,124,109	8,403,490	12,465,415	4,061,925
Niobrara	5,988	8	16	12,928	124,648	179,628	54,980
Park	10,976	17	105	156,029	823,468	1,314,819	491,351
Platte [6]	8,013	5	64	----	----	----	----
Sheridan	19,255	24	318	426,954	2,791,003	3,951,712	1,160,709
Sublette [6]	2,778	2	--	----	----	----	----
Sweetwater	19,407	14	41	49,348	167,632	360,045	192,413

See footnotes at end of table.

TABLE 2.—SUMMARY FOR COUNTIES AND PLACES: 1939—Continued

	Population, 1940	Number of establishments	Wage earners (average for year) [1]	Wages [2]	Cost of materials, supplies, fuel, purchased electric energy, and contract work [2 3]	Value of products [2 3]	Value added by manufacture [4]
COUNTIES [5]—continued							
Teton	2,543	3	6	$5,549	$31,947	$50,804	$18,857
Uinta	7,223	8	48	52,961	158,987	356,529	197,542
Washakie [6]	5,858	7	142				
Weston	4,958	18	104	117,483	1,217,483	2,243,432	1,025,949
Yellowstone National Park (part of) [7]	416						
Undistributed [8]		75	1,091	1,535,121	11,777,830	17,177,711	5,399,881
PLACES HAVING 10,000 OR MORE INHABITANTS							
Casper [9]	17,964	28	437				
Cheyenne [9]	22,474	20	173				
Laramie	10,627	12	55	65,694	176,832	429,251	252,419
Sheridan	10,529	20	126	190,619	688,037	1,338,804	650,677

[1] Not including salaried officers and employees nor nonmanufacturing wage earners. The figure for each county or place is an average of the numbers reported for the several months of the year. In calculating it, equal weight must be given to full-time and to part-time wage earners (not reported separately by the manufacturers), and for this reason it exceeds the number that would have been required to perform the work done in the industries if all wage earners had been continuously employed throughout the year. The quotient obtained by dividing the amount of wages by the average number of wage earners cannot, therefore, be accepted as representing the average wage received by full-time wage earners. Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several counties do not add exactly to the average for the State. In making comparisons between the figures for 1939 and those for earlier years, the possibility that the proportion of part-time employment varied from year to year should be taken into account.

[2] Profits and losses cannot be calculated from the census figures because no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, and advertising.

[3] See GENERAL EXPLANATIONS—Duplication in cost of materials and value of products.

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.

[5] For numbers of establishments by "Industry groups," see table 9.

[6] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Undistributed" figures.

[7] No manufacturing reported.

[8] The "Undistributed" figure for number of establishments and a part of the "Undistributed" figure for number of wage earners are included above in the items for the respective counties. The sums of the figures in these two columns are therefore larger than the corresponding State totals.

[9] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments.

TABLE 3.—PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS, BY SEX: 1939 AND 1929

[The 1939 questionnaire, for the first time, called for data on the *total* number of employees in manufacturing establishments, including those engaged wholly or chiefly in distribution, construction, and other nonmanufacturing activities. It is not known to what extent data for such employees were included in the figures reported for earlier years. This table presents detailed figures for employees receiving pay at any time within the *normal* pay-roll period ended nearest Oct. 14, 1939, and for such employees on the pay roll on Dec. 14, 1929, or on the nearest *representative* date. The total for "Wage earners engaged in manufacturing" is not identical with the average for the year (given in other tables), and differs from the number reported for October 1939 or for December 1929, because for both years some manufacturers gave wage-earner figures for months other than those specified. See GENERAL EXPLANATIONS—Persons engaged—general classification]

CLASS AND SEX	1939 (Oct. 14)[1]	1929 (Dec. 14)[1]
All classes, aggregate [2]	5,637	4,774
Male	5,305	4,609
Female	332	165
Salaried officers and employees, total	1,107	711
Male	898	613
Female	209	98
Salaried officers of corporations, total	113	71
Male	104	67
Female	9	4
All other employees (except wage earners in manufacturing), total	994	640
Male	794	546
Female	200	94
Salaried officers and employees—Continued.		
All other employes, etc.—Continued.		
Engaged in manufacturing:		
Male	538	
Female	141	
Engaged in distribution:		
Male	217	
Female	56	(3)
Engaged in construction:		
Male	29	
Engaged in other work:		
Male	10	
Female	3	
Wage earners engaged in manufacturing, total	4,530	4,063
Male	4,407	3,996
Female	123	67

[1] See headnote.

[2] Figures do not include data for 229 proprietors and firm members for 1939 and 127 for 1929, which were not reported by sex for 1939.

[3] No data.

TABLE 4.—WAGE EARNERS ENGAGED IN MANUFACTURING, BY MONTHS: 1939, 1937, AND 1929

[The figures for 1939 relate to wage earners engaged in manufacturing only. It is not known to what extent the figures for earlier years include data for nonmanufacturing wage earners. See headnote to table 3]

CENSUS YEAR	Average number employed during year	NUMBER RECEIVING PAY DURING NORMAL PAY-ROLL PERIOD ENDED NEAREST 15TH OF MONTH—											
		January	February	March	April	May	June	July	August	September	October	November	December
1939	3,484	2,[illegible]	2,681	2,749	2,978	3,256	3,501	3,674	3,840	3,445	4,540	4,273	3,866
1937	3,[illegible]	3,483	3,099	3,164	3,178	3,325	3,557	3,839	3,846	3,818	5,071	4,707	4,452
1929	4,035	3,870	3,688	3,642	3,753	3,845	4,019	4,213	4,110	4,110	4,697	4,569	3,904

[1] See GENERAL EXPLANATIONS—Wage earners and wages.

TABLE 5.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY NUMBER OF WAGE EARNERS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS	VALUE ADDED BY MANUFACTURE [2]
	1939	1929	1939	1929	1939	1939
All establishments	310	233	3,484	4,035	$45,423,103	$15,629,475
No wage earners	17	10			191,483	66,173
1 to 5	189	149	464	367	4,756,971	1,870,880
6 to 20	72	42	839	432	6,014,741	2,669,384
21 to 50	18	11	514	346	6,632,918	2,265,833
51 to 100	6	11	481	795	8,112,428	2,794,991
101 to 250	7	[3] 10	1,186	2,095	19,714,562	5,962,214
251 to 500	1					

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Combined to avoid disclosing data for individual establishments.

TABLE 6.—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS TO SIZE BY VALUE OF PRODUCTS: 1939 AND 1929

SIZE CLASS	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
All establishments	310	233	3,484	4,035	$45,423,103	$88,647,942	$15,629,475	$29,445,044
$5,000 to $19,999	146	100	396	207	1,645,883	1,062,410	915,505	706,777
$20,000 to $49,999	86	56	636	270	2,716,540	1,908,121	1,516,079	978,741
$50,000 to $99,999	36	30	221	308	2,409,307	2,042,772	1,008,732	1,001,537
$100,000 to $249,999	14	19	287	488	1,976,705	3,073,921	992,008	1,633,479
$250,000 to $499,999	12	13	[3] 667	566	[3] 8,945,709	4,401,677	[3] 3,338,699	2,294,031
$500,000 to $999,999	5	3		167		2,273,615		512,981
$1,000,000 to $2,499,999	8	5		359		8,223,980		2,621,779
$2,500,000 to $4,999,999	2	3	1,277	510	[3] 27,728,959	9,521,826	[3] 7,858,452	3,239,510
$5,000,000 and over	1	4		1,160		56,139,620		16,456,209

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Combined to avoid disclosing data for individual establishments.

TABLE 7.—ESTABLISHMENTS CLASSIFIED AS UNDER CORPORATE OR OTHER FORM OF OWNERSHIP (OR CONTROL) AND AS UNDER CENTRAL-ADMINISTRATIVE-OFFICE OR INDEPENDENT OPERATION: 1939 AND 1929

TYPE OF OWNERSHIP OR CONTROL, AND OF OPERATION	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR YEAR) [1]		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE [2]	
	1939	1929	1939	1929	1939	1929	1939	1929
Total	310	233	3,484	4,035	$45,423,103	$88,647,942	$15,629,475	$29,445,044
TYPE OF OPERATION								
1939 [3]								
Corporate ownership or control:								
Central-administrative-office (plural-unit)	56	(3)	2,144	(3)	36,543,803	(3)	11,250,361	(3)
Independent (single-unit)	88	(3)	890	(3)	5,332,811	(3)	2,850,086	(3)
Noncorporate ownership:								
Central-administrative-office (plural-unit)	5	(3)	12	(3)	92,723	(3)	28,579	(3)
Independent (single-unit)	161	(3)	438	(3)	3,453,766	(3)	1,500,449	(3)
1939 AND 1929 [3]								
Central-administrative-office (plural-unit), corporate and noncorporate	61	43	2,156	2,804	36,636,526	80,117,659	11,278,940	25,174,074
Independent (single-unit), corporate and noncorporate	249	190	1,328	1,231	8,786,577	8,530,283	4,350,535	4,270,970
TYPE OF OWNERSHIP OR CONTROL								
Corporate	144	106	3,034	3,649	41,876,614	85,925,527	14,100,447	28,033,903
Noncorporate, total	166	127	450	386	3,546,489	2,722,415	1,529,028	1,411,141
Individual	106	(4)	283	(4)	1,954,932	(4)	893,039	(4)
Partnership	54	(4)	156	(4)	1,315,399	(4)	568,740	(4)
Cooperative	6	(4)	11	(4)	276,158	(4)	67,249	(4)

[1] See headnotes to tables 3 and 4.
[2] See GENERAL EXPLANATIONS—Value added by manufacture.
[3] Because of changes in the questionnaire, no comparable figures for 1929 can be given for the first section of this table. For this reason, the items have been regrouped under "1939 and 1929" to present comparable figures so far as this can be done.
[4] No data.

TABLE 8.—GENERAL STATISTICS FOR

[illegible] separate figures for each industry for which it is possible to publish such figures without disclosing exact or approximate data for individual establish[illegible] are given, however, reported larger numbers of wage earners or

	Group No.	INDUSTRY	*Number of establishments	*Proprietors and firm members	*PERSONS EMPLOYED IN MANUFACTURING ESTABLISHMENTS [1]						
					Total [2]	Salaried officers of corporations [2]	Manufacturing		Distribution	Construction	Other
							Salaried employees [2]	Wage earners (average for year) [3]			
1		All industries, total	310	229	4,591	113	679	3,484	273	29	13
2	1	Beet sugar	5		628		110	518			
3	1	Bread and other bakery products (except biscuit, crackers, and pretzels)	50	57	298	6	34	213	34	4	7
4	13	Brick and hollow structural tile	3	1	21	1	3	16	1		
5	1	Cheese	6	6	16		5	11			
6	1	Creamery butter	23	33	74	2	11	42	18		1
7	1	Flour and other grain-mill products	8	4	70	4	15	40	11		
8	8	General commercial (job) printing	9	7	45	3	10	28	4		
9	1	Ice cream and ices	6	6	19	2		9	8		
10	1	Ice, manufactured	5	2	35	3	3	12	17		
11	17	Machine-shop products, not elsewhere classified	4	2	40	6	4	26	4		
12	1	Malt liquors	3		101	9	11	60	21		
13	1	Meat packing, wholesale	6	2	67	10	5	33	18		1
14	13	Minerals and earths, ground or otherwise treated	3	2	50		3	46		1	
15	8	Newspapers: publishing and printing	43	38	396	21	127	198	50		
16	1	Nonalcoholic beverages	12	10	72	13	11	22	26		
17	10	Petroleum refining	37	17	1,283	9	211	988	51	20	4
18	1	Poultry dressing and packing, wholesale	3	2	8	1	2	4	1		
19	5	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	50	21	726	8	26	691	1		
20	6	Wood preserving	3		172		14	158			
21		Other industries [6]	48	27	1,268	26	198	1,002	37	5	
		OTHER INDUSTRIES, BY INDUSTRY GROUPS [6]									
22	1	Food and kindred products	17	7	773	13	122	609	29		
23	5	Lumber and timber basic products	3	1	120	3	16	101			
24	9	Chemicals and allied products	4	2	12	1	3	8			
25	13	Stone, clay, and glass products	8	4	245	3	35	198	4	5	
26	17	Machinery (except electrical)	4	7	7		1	6			
27	6	Furniture and finished lumber products	2	6	111	6	21	80	4		
	8	Printing, publishing, and allied industries	2								
	10	Products of petroleum and coal	1								
	12	Leather and leather products	2								
	14	Iron and steel and their products, except machinery	1								
	15	Nonferrous metals and their products	1								
	19	Transportation equipment except automobiles	1								
	20	Miscellaneous industries	2								

* As the figures for number of establishments and for personnel for those industries for which monetary items are withheld are given for the individual industries and are also included in the "Other Industries" figures, the sums of the figures are larger than the totals shown for "All industries."

[1] See headnote to table 3 and GENERAL EXPLANATIONS—Persons engaged—general classification.
[2] Figures do not include data for personnel of central-administrative offices.
[3] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

THE STATE, BY INDUSTRIES: 1939

ments, and gives statistics for the remaining industries both in combination ("Other industries") and by industry groups. Certain of the industries for which combined figures larger values of products than some of those shown separately]

SALARIES AND WAGES							COST OF MATERIALS, SUPPLIES, FUEL, PURCHASED ELECTRIC ENERGY, AND CONTRACT WORK							
Total [2]	Salaries of officers of corporations [2]	Manufacturing		Distribution	Construction	Other	Total	Materials and supplies	Fuel	Purchased electric energy	Contract work	Value of products	Value added by manufacture [4]	
		Salaries [2]	Wages											
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	
6,847,867	396,136	1,284,335	4,757,094	336,117	37,747	36,438	29,793,628	27,936,277	1,292,043	480,833	84,475	45,423,103	15,629,475	1
(5)	----	(5)	(5)	----	----	(5)	(5)	(5)	(5)	(5)	----	(5)	(5)	2
296,416	10,992	37,628	220,675	22,594	651	3,876	712,183	670,412	19,269	22,502	----	1,315,075	602,892	3
22,745	3,000	4,800	13,255	1,690	----	----	15,244	3,322	9,155	2,767	----	45,395	30,151	4
19,457	----	6,116	13,341	----	----	----	210,298	202,668	5,240	1,254	1,136	265,481	55,183	5
87,443	6,300	13,940	43,437	22,892	----	874	770,557	744,326	10,907	15,324	----	968,991	198,434	6
92,950	11,040	20,032	50,910	10,968	----	----	457,523	447,603	6,309	3,611	----	639,950	182,427	7
78,991	10,660	11,086	51,797	5,448	----	----	51,349	48,377	507	1,887	578	169,640	118,291	8
(5)	(5)	----	(5)	(5)	----	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	9
45,335	11,994	2,500	16,805	14,036	----	----	24,743	9,683	4,767	10,293	----	96,872	72,129	10
87,352	23,716	17,991	32,443	13,202	----	----	62,571	59,739	693	2,139	----	188,135	125,564	11
(5)	(5)	(5)	(5)	(5)	----	----	(5)	(5)	(5)	(5)	----	(5)	(5)	12
107,034	34,738	13,234	40,258	16,741	----	2,063	723,807	710,757	4,647	8,403	----	871,921	148,114	13
(5)	----	(5)	(5)	----	(5)	----	(5)	(5)	(5)	(5)	----	(5)	(5)	14
634,295	113,636	162,776	285,189	72,694	----	----	222,373	194,788	7,735	17,847	2,003	1,265,679	1,043,306	15
82,532	19,720	12,144	20,203	30,465	----	----	161,003	154,369	2,452	4,182	----	378,237	217,234	16
2,480,908	40,562	563,991	1,778,821	63,292	30,868	3,374	17,601,915	16,572,962	814,390	214,563	----	24,671,993	7,070,078	17
5,309	2,396	670	2,183	60	----	----	29,241	28,209	774	258	----	35,160	5,919	18
835,740	30,553	46,742	757,737	623	85	----	301,039	205,114	17,175	900	77,850	1,434,371	1,133,332	19
230,279	----	29,014	201,265	----	----	----	2,461,331	2,430,711	22,700	7,920	----	2,743,338	282,007	20
1,741,081	76,829	341,671	1,228,775	61,412	6,143	26,251	5,988,451	5,453,237	365,323	166,983	2,908	10,332,865	4,344,414	21
1,122,854	42,148	220,804	782,502	51,149	----	26,251	4,958,206	4,745,355	191,434	21,167	250	7,529,003	2,570,797	22
114,952	8,900	11,300	94,752	----	----	----	58,924	52,783	3,385	2,756	----	180,878	121,954	23
18,610	1,820	5,745	11,045	----	----	----	31,947	24,182	2,800	4,965	----	75,036	43,089	24
305,013	10,200	63,525	224,214	931	6,143	----	758,257	468,218	160,209	129,830	----	2,034,841	1,276,584	25
6,446	----	414	6,032	----	----	----	15,212	12,261	1,429	1,522	----	49,937	34,725	26
173,206	13,761	39,883	110,230	9,332	----	----	165,905	150,438	6,066	6,743	2,658	463,170	297,265	27

[4] Value of products less cost of materials, supplies, fuel, purchased electric energy, and contract work. See GENERAL EXPLANATIONS—Value added by manufacture.
[5] Figures omitted have been withheld to avoid disclosing exact or approximate data for individual establishments; they are included in the "Other industries" figures.
[6] For numbers of establishments and of wage earners in individual industries, see table 10.

TABLE 9.—NUMBER OF ESTABLISHMENTS, BY INDUSTRY GROUPS, BY COUNTIES: 1939

COUNTY	Total	INDUSTRY GROUP																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
The State	310	130				53	5		54	4	38		2	11	1	1		8		1	2
Albany	24	7				9	1		3					3							
Big Horn	15	7							4		3			1							
Campbell	2	1							1												
Carbon	25	6				13			3	1	1				1						
Converse	8	3							2		2							1			
Crook	9	3				3			1		2										
Fremont	19	6				7	1		4		1										
Goshen	11	4				1			2		2							2			
Hot Springs	7	3							2		2										
Johnson	4	3							1												
Laramie	24	14				1			6		1			1		1					
Lincoln	19	9				9			1												
Natrona	38	16				1	1		6	3	6		1	2				1		1	
Niobrara	8	3							2		1										
Park	17	6				1	1		2		5							2			
Platte	5	2				1			2												
Sheridan	24	14					1		4				1	1				2			1
Sublette	2					1					1										
Sweetwater	14	10							3												1
Teton	3	2							1												
Uinta	8	5				1			2												
Washakie	7	4				1			1		1										
Weston	18	2				4			1		8			3							

TABLE 10.—INDUSTRIES IN "OTHER INDUSTRIES" GROUPS—NUMBER OF ESTABLISHMENTS AND NUMBER OF WAGE EARNERS, FOR THE STATE: 1939

[In order to avoid disclosing data for individual establishments, wage-earner figures for industries represented by fewer than three establishments are withheld]

Group No.[1]	INDUSTRY	Number of establishments	Wage earners
	STATE OF WYOMING		
1	Beet sugar	5	518
	Canned and dried fruits and vegetables (including canned soups)	1	
	Condensed and evaporated milk	1	
	Food preparations, not elsewhere classified	1	
	Ice cream and ices	6	9
	Malt liquors	3	60
5	Logging camps and logging contractors (not operating sawmills)	1	
	Planing mills not operated in conjunction with sawmills	2	
6	Mattresses and bedsprings	1	
	Upholstered household furniture	1	
8	Periodicals: publishing and printing	1	
	Periodicals: publishing without printing	1	
9	Chemicals not elsewhere classified	1	
	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	2	
	Paints, varnishes, and lacquers	1	
	STATE OF WYOMING—Continued		
10	Fuel briquets	1	
12	Saddlery, harness, and whips	2	
13	Cement	1	
	Concrete products	2	
	Gypsum products	1	
	Minerals and earths, ground or otherwise treated	3	46
	Sewer pipe and kindred products	1	
14	Firearms	1	
15	Nonferrous-metal foundries (except aluminum)	1	
17	Agricultural machinery (except tractors)	2	
	Machine-shop repairs	2	
19	Cars and car equipment—railroad, street, and rapid-transit	1	
20	Signs, advertising displays, and advertising novelties	2	

[1] For group titles, see GENERAL EXPLANATIONS—Changes in number of industries and of industry groups, sec. 27.

OUTLYING AREAS

ALASKA, HAWAII, AND PUERTO RICO

OUTLYING AREAS

INTRODUCTION

The Sixteenth Decennial Census included the collection of data on manufacturing activities in Alaska, Hawaii, and Puerto Rico, as well as in continental United States. Because of the fact that, aside from a few important industries, manufacturing in these outlying areas is generally on a much smaller scale than in the States, all factories with products valued at $2,000 or more (as compared with $5,000 in the States) were canvassed. As in continental United States, establishments not usually called factories but engaged in the commercial processing of materials, such as bakeries and confectionery shops, printing and publishing establishments, brickyards, planing mills, stoneyards (not quarries), and sheet-metal shops whose chief business was the manufacture of products for sale, were also included if their production during the year was valued at $2,000 or more. Repair shops and other establishments engaged in rendering service, and small establishments manufacturing products to the order of individual customers—such as tailor shops, millinery and dressmaking enterprises, and photographic studies—were not treated as factories but were canvassed in the Census of Business. Very small establishments engaged in the processing of materials or in the fabrication of products, whose output was valued at less than $2,000, were also assigned to the Census of Business, some being classified under Retail Trade and others under Service.

As the Bureau of the Census is prohibited by law from publishing any statistics that might disclose information relating to individual establishments, it is the practice to publish separate figures for individual industries and for separate areas only when each is represented by three or more establishments, and to combine the figures for industries and for areas represented by only one or two establishments each. Similar combinations are made when one or two establishments account for a very large part of the total receipts reported by a group of three or more in a particular industry or in a particular area.

The last preceding census of all manufacturing activities in these areas was that for 1919. Some tables, as for example table 9 presenting statistics on lumber and timber products for Alaska, show figures for earlier years; these lumber data were collected by the Forest Service, of the Department of Agriculture, in cooperation with the Bureau of the Census. The tables containing figures for earlier years show the source from which they were obtained.

The questionnaires were substantially simplified as compared with those used in the States, and because of the fact that many industries listed in the industry classification are entirely unrepresented in these areas, whereas others are represented by very small numbers of establishments, it was necessary to employ a greatly condensed classification and to make more or less arbitrary groupings of some industries.

Most of the industry titles are self-explanatory, but some of them require definition. The "Machine shops" industry, as constituted for census purposes in Alaska and Hawaii, is confined chiefly to shops equipped with power-driven metal-working machinery and engaged primarily in repairing and reconditioning machinery of all kinds (except motor vehicles), or in the production of machine parts and equipment, other than complete machines, often on individual order. It corresponds to the industries "Machine-shop products, not elsewhere classified" and "Machine-shop repairs," in the classification in use in the States.

The "Sheet-metal work" industry in Alaska and Puerto Rico covers establishments engaged in the production, but *not* the installation, of cornices, ventilators, skylights, gutters, and other types of sheet-metal work for buildings, and the manufacture of sheet-metal products such as stovepipe, tanks, bins, and furnace casings.

The "Fish canning and processing" industry in Alaska covers the classes of establishments embraced by the continental United States classifications "Canned fish, crustacea, and mollusks," "Cured fish," and "Fish and other marine oils, cake, and meal."

Because of climatic conditions, the canvass in Alaska was begun on October 1, 1939, and accordingly the manufacturers were instructed to make returns covering the period from October 1, 1938, to September 30, 1939.

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ALASKA

ARCTIC OCEAN
BERING SEA
BERING STRAIT
PACIFIC OCEAN
BRISTOL BAY
SECOND JUDICIAL DIVISION
THIRD JUDICIAL DIVISION
FOURTH JUDICIAL DIVISION
FIRST JUDICIAL DIVISION
THIRD JUDICIAL DIVISION (PT)
FOURTH JUDICIAL DIVISION (PT)
NOATAK - KOBUK
CHANDALAR
KOYUKUK
RAMPART
CIRCLE
PORT CLARENCE
FAIRHAVEN
CAPE NOME
Nome
KOYUK
NULATO
FORT GIBBON
TOLOVANA
HOT SPRINGS
Fairbanks
EAGLE
Eagle
Nenana
FAIRBANKS
NENANA
FORTY MILE
INNOKO
OTTER
MOUNT McKINLEY
WADE HAMPTON
TALKEETNA
CHITINA
KUSKOKWIM
ANCHORAGE
Anchorage
WASILLA
PALMER
VALDEZ
Valdez
McCARTHY
CORDOVA
Cordova
BETHEL
SEWARD
Seward
KENAI
ILIAMNA
GOOD NEWS BAY
BRISTOL BAY
SELDOVIA
KVICHAK
KODIAK
UNGA
ALEUTIAN ISLANDS (PT)
ALEUTIAN ISLANDS (PT)
SKAGWAY
JUNEAU
HYDER
SCALE
A
B
65°
60°
55°
175°
180°
170°
165°
160°
155°
150°
145°
140°
135°
130°

TABLE 1.—GENERAL STATISTICS FOR ALASKA: 1939, 1919, 1909, 1904, AND 1899

[See Introduction, p. 1117, and see also GENERAL EXPLANATIONS—Area and period covered, p. 1]

ITEM	1939 [1]	1919	1909	1904	1899	PERCENT OF CHANGE 1919–1939	PERCENT OF CHANGE 1899–1919
Number of establishments	230	147	152	82	48	56.5	(2)
Persons engaged, total	5,467	7,316	3,479	2,164	(3)	−25.3	------
Proprietors and partners	151	55	135	31	(3)	(2)	------
Salaried officers and employees	500	686	245	195	82	−27.1	(2)
Wage earners (average for year) [4]	4,816	6,575	3,099	1,938	2,260	−26.8	190.9
Salaries and wages, total [5]	$8,032,271	$10,895,712	$2,327,780	$1,417,488	$1,492,450	−26.3	630.1
Salaries	1,148,283	2,056,260	379,754	321,909	117,770	−44.2	1646.0
Wages	6,883,988	8,839,452	1,948,026	1,095,579	1,374,680	−22.1	543.0
Cost of materials, supplies, containers, fuel, and electric energy [6]	20,916,757	19,482,485	5,119,613	3,741,946	1,762,583	7.4	1005.3
Value of products [5]	38,815,436	41,495,243	11,340,105	8,244,524	4,194,421	−6.5	889.3
Value added by manufacture [6]	17,898,679	22,012,758	6,220,492	4,502,578	2,431,838	−18.7	805.2

[1] The figures for 1939 cover the 12 months ended Sept. 30, 1939.
[2] Not computed where base is less than 100.
[3] No data.
[4] See GENERAL EXPLANATIONS—Wage earners and wages.
[5] See GENERAL EXPLANATIONS—Profits and production costs.
[6] Value of products less cost of materials, supplies, containers, fuel, and electric energy.

TABLE 2.—GENERAL STATISTICS, BY INDUSTRIES: 1939, 1919, 1909, AND 1899

[See Introduction, p. 1117, and see also GENERAL EXPLANATIONS—Area and period covered, p. 1]

INDUSTRY	Census year	Number of establishments	PERSONS ENGAGED: Total	Proprietors and partners	Salaried employees	Wage earners (average for year) [2]	SALARIES AND WAGES [1]: Total	Salaries	Wages	Cost of materials, supplies, containers, fuel, and electric energy [1]	Value of products [1]	Value added by manufacture [3]
All industries, total	1939	230	5,467	151	500	4,816	$8,032,271	$1,148,283	$6,883,988	$20,916,757	$38,815,436	$17,898,679
	1919	147	7,316	55	686	6,575	10,895,712	2,056,260	8,839,452	19,482,485	41,495,243	22,012,758
	1909	152	3,479	135	245	3,099	2,327,780	379,754	1,948,026	5,119,613	11,340,105	6,220,492
	1899	48	------	(4)	82	2,260	1,492,450	117,770	1,374,680	1,762,583	4,194,421	2,431,838
Percent of change	1919–1939	56.5	−25.3	(5)	−27.1	−26.8	−26.3	−44.2	−22.1	7.4	−6.5	−18.7
	1899–1919	(5)	------	------	(5)	190.9	630.1	1646.0	543.0	1005.3	889.4	805.2
Boat building and repairing	1939	7	42	8	----	34	$23,950	----	$23,950	$59,800	$149,739	$89,939
	1909	6	16	8	----	8	2,440	----	2,440	3,139	10,330	7,191
Bakery products	1939	24	81	30	----	51	67,497	----	67,497	233,216	408,464	175,248
	1909	8	35	9	2	24	45,085	$4,185	41,900	71,099	141,110	70,011
Fish canning and processing	1939	140	4,786	53	425	4,308	7,289,077	1,000,902	6,288,175	19,990,289	[7] 36,367,663	16,377,374
	1919	104	6,711	13	613	6,085	10,038,203	1,901,544	8,136,659	18,535,578	39,160,922	20,625,344
	1909	46	2,922	21	184	2,717	1,704,427	246,840	1,457,587	4,053,094	9,189,982	5,136,888
	[8] 1899	36	2,163	7	64	2,092	1,349,000	106,000	1,243,000	1,588,000	3,821,000	2,233,000
Ice, manufactured	1939	4	19	----	6	12	27,199	8,633	18,566	10,080	77,776	67,696
Lumber and timber products	1939	21	312	32	30	250	341,526	54,150	287,376	309,416	900,111	590,695
	1919	22	273	27	24	222	373,718	46,426	327,292	311,439	950,256	638,817
	1909	22	178	28	19	131	144,284	36,083	108,201	168,504	400,272	231,768
	[8] 1899	10	----	----	13	78	64,000	8,000	56,000	67,000	155,000	88,000
Machine shops	1939	7	19	7	2	10	24,250	4,000	20,250	44,951	112,702	67,751
Printing, publishing, and allied activities [9]	1939	15	151	14	28	109	191,144	61,443	129,701	81,916	[10] 415,877	333,961
	1909	16	89	14	11	64	128,803	28,400	100,403	36,392	228,192	191,800
Other industries	1939	[11] 12	56	7	9	40	67,628	19,155	48,473	187,089	383,104	196,015
	1919	21	332	15	49	268	483,791	108,290	375,501	635,468	1,384,065	748,597
	1909	54	239	55	29	155	301,741	64,246	237,495	787,385	1,370,219	582,834
	[8] 1899	2	----	----	5	90	80,000	4,000	76,000	108,000	218,000	110,000

[1] See GENERAL EXPLANATIONS—Profits and production costs.
[2] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages, p. 4.
[3] Value of products less cost of materials, supplies, containers, fuel, and electric energy.
[4] No data.
[5] Not computed where base is less than 100.
[6] Values of products by kind were reported by bakeries whose combined production value amounted to $202,107, or 49.5 percent of the total for the industry. Of this amount, bread, rolls, and other yeast-raised products accounted for 35.6 percent; cakes and pastries, 13.6; and other products, 0.3 percent.
[7] Canned and processed fish, $34,402,412; herring meal, $500,516; herring oil, $1,130,540; fresh fish, $67,615; miscellaneous products, $266,580.
[8] Monetary items for individual industries are available only in thousands of dollars.
[9] Publications issued in 1939:
Daily newspapers—2 in Juneau; 1 each in Anchorage, Fairbanks, and Ketchikan.
Triweekly newspapers—1 each in Cordova, Ketchikan, Nome, and Seward.
Weekly newspapers—2 in Anchorage; 1 each in Fairbanks, Petersburg, Seward, Valdez, and Wrangell.
Monthly periodical—1 in Ketchikan.
[10] Subscriptions and sales: Daily newspapers, $72,411; other newspapers and periodicals, $37,617. Advertising: Daily newspapers, $137,112; other newspapers and periodicals, $45,184. Job printing, $123,553.
[11] Beverages, nonalcoholic, 1 establishment; Concrete products, 2; Confectionery products, 1; Ice cream, 2; Liquors, malt, 2; Sheet-metal work, 2; Wire netting, 2. The figures for these industries are combined to avoid disclosing data reported by individual establishments.

TABLE 3.—WAGE EARNERS, BY MONTHS, FOR ALL INDUSTRIES AS A GROUP, 1939, 1919, and 1909, AND BY INDUSTRIES, 1939

[See GENERAL EXPLANATIONS—Wage earners and wages]

INDUSTRY	Average for year [1]	NUMBER REPORTED FOR— January	February	March	April	May	June	July	August	September	October	November	December
All industries, total													
1939	4,816	820	822	971	1,301	5,881	11,996	15,436	12,734	4,208	1,678	1,070	872
1919	6,575	502	610	2,443	6,298	11,720	13,774	15,406	14,861	9,210	2,877	724	475
1909	3,099	242	256	588	4,977	5,875	5,992	6,143	6,055	5,117	1,229	438	281
INDUSTRIES, 1939													
Boat building and repairing	34	36	37	38	36	40	41	31	24	28	29	35	35
Bakery products	51	49	48	49	52	51	55	56	54	51	49	48	49
Fish canning and processing	4,308	453	429	481	766	5,161	11,354	14,934	12,245	3,644	1,136	574	521
Ice, manufactured	12	5	11	5	8	19	20	21	21	19	10	5	5
Lumber and timber products	250	106	126	217	254	426	376	234	235	323	319	268	118
Machine shops	10	7	6	11	10	12	12	16	16	11	8	8	8
Printing, publishing, and allied activities	109	110	111	114	113	110	102	117	111	103	104	106	108
Other industries	40	54	54	56	62	62	36	27	28	29	23	26	28

[1] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries.

TABLE 4.—GENERAL STATISTICS FOR ALL INDUSTRIES AS A GROUP, BY JUDICIAL DIVISIONS AND FOR CITIES AND TOWNS: 1939

[See Introduction, p. 1117]

JUDICIAL DIVISION AND CITY OR TOWN	Number of establishments	PERSONS ENGAGED Total	Proprietors and partners	Salaried employees	Wage earners (average for year)[1]	Salaries [2]	Wages [2]	Cost of materials, supplies, containers, fuel, and electric energy [2]	Value of products [3]	Value added by manufacture [3]
The Territory, total	230	5,467	151	500	4,816	$1,148,283	$6,883,988	$20,916,757	$38,815,436	$17,898,679
First Judicial Division, total	115	2,253	68	223	1,962	578,930	2,187,815	7,728,582	13,741,055	6,012,473
Juneau city	[4] 10	128	7	16	105	31,571	114,749	148,931	435,968	287,037
Ketchikan town	[5] 32	567	15	68	484	164,134	568,345	2,317,559	3,849,932	1,532,373
Petersburg town	[6] 12	165	12	8	145	20,820	140,608	403,128	893,727	490,599
Sitka town	[7] 5	80	1	11	68	20,130	58,400	230,314	362,808	132,494
Wrangell town	[8] 12	149	18	11	120	30,665	92,571	352,653	766,247	413,594
Remainder of First Judicial Division	[9] 44	1,164	15	109	1,040	311,610	1,213,142	4,275,997	7,432,373	3,156,376
Second Judicial Division, total	4									
Nome city	[10] 3	[11] 24	5	3	16	7,800	32,775	34,448	210,934	176,486
Remainder of Second Judicial Division	[12] 1									
Third Judicial Division, total	103	3,103	71	260	2,772	534,832	4,566,411	13,052,029	24,555,672	11,503,643
Anchorage city	[13] 8	99	9	9	81	16,451	99,636	333,623	612,467	278,844
Cordova town	[14] 8	171	7	11	153	30,290	155,812	568,696	967,512	398,816
Seward town	[15] 3	11	2	...	9	------	11,193	32,485	74,287	41,802
Remainder of Third Judicial Division	[16] 84	2,822	53	240	2,529	488,091	4,299,770	12,117,225	22,901,406	10,784,181
Fourth Judicial Division, total	8									
Fairbanks town	[17] 6	[11] 87	7	14	66	26,721	96,987	101,698	307,775	206,077
Remainder of Fourth Judicial Division	[18] 2									

[1] See GENERAL EXPLANATIONS—Wage earners and wages.
[2] See GENERAL EXPLANATIONS—Profits and production costs.
[3] Value of products less cost of materials, supplies, containers, fuel, and electric energy.
[4] Bakery products, 3 establishments; Concrete products, 1; Ice cream, 1; Lumber and timber products, 1; Machine shops, 1; Printing and publishing, 2; Sheet-metal work, 1.
[5] Boat building and repairing, 2 establishments; Bread and other bakery products, 4; Fish canning and processing, 12; Ice, manufactured, 1; Liquors, malt, 1; Lumber and timber products, 3; Machine shops, 3; Printing and publishing, 4; Wire netting, 2.
[6] Boat building and repairing, 2 establishments; Bread and other bakery products, 2; Fish canning and processing, 4; Ice, manufactured, 1; Lumber and timber products, 1; Machine shops, 1; Printing and publishing, 1.
[7] Bakery products, 1 establishment; Fish canning and processing, 2; Ice, manufactured, 1; Lumber and timber products, 1.
[8] Boat building and repairing, 2 establishments; Bread and other bakery products, 1; Fish canning and processing, 5; Ice, manufactured, 1; Lumber and timber products, 1; Machine shops, 1; Printing and publishing, 1.
[9] Bakery products, 3 establishments; Fish canning and processing, 34; Lumber and timber products, 7.
[10] Bakery products, 2 establishments; Printing and publishing, 1.
[11] Combined to avoid disclosing data for individual establishments.
[12] Fish canning and processing, 1 establishment.
[13] Bakery products, 2 establishments; Concrete products, 1; fish canning and processing, 2; Sheet-metal work, 1; Printing and publishing, 2.
[14] Boat building and repairing, 1 establishment; Bread and other bakery products, 1; Ice cream, 1; Fish canning and processing, 4; Printing and publishing, 1.
[15] Bakery products, 1 establishment; Machine shops, 1; Printing and publishing, 1.
[16] Bakery products, 1 establishment; Fish canning and processing, 76; Lumber and timber products, 6; Printing and publishing, 1.
[17] Beverages, nonalcoholic, 1 establishment; Bread and other bakery products, 3; Confectionery, 1; Printing and publishing, 1.
[18] Liquors, malt, 1 establishment; Lumber and timber products, 1.

TABLE 5.—TYPE OF OWNERSHIP OR CONTROL—GENERAL STATISTICS FOR ESTABLISHMENTS CLASSIFIED AS UNDER CORPORATE OR OTHER FORM OF OWNERSHIP OR CONTROL, BY INDUSTRIES: 1939

[See Introduction, p. 1117]

INDUSTRY AND FORM OF ORGANIZATION	Number of establishments	PERSONS ENGAGED									Salaries [3]	Wages [3]	Cost of materials, supplies, containers, fuel, and electric energy [3]	Value of products [3]	Value added by manufacture [4]
		Proprietors and partners			Salaried employees			Wage earners [1]							
		Total	Male	Female	Total	Male	Female	Average for year [2]	Number employed in July						
									Male	Female					
All industries, total	230	151	134	17	500	454	46	4,816	13,518	1,918	$1,148,283	$6,883,988	$20,916,757	$38,815,436	$17,898,679
Corporations	133	------	------	------	473	435	38	4,305	12 643	1,601	1,099,734	6,328,874	19,048,164	35,275,409	16,227,245
Individual proprietors	53	52	47	5	2	------	2	166	182	58	1,579	182,706	632,804	1,151,510	518,706
Partnerships	37	88	76	12	10	5	5	249	476	163	24,634	278,388	909,965	1,859,943	949,978
Cooperatives	4	11	11	------	12	12	------	51	173	62	18,600	55,854	212,745	321,349	108,604
Other	3	------	------	------	3	2	1	45	44	34	3,736	38,166	113,079	207,225	94,146
Boat building and repairing, total	7														
Individual proprietors	6	[5] 8	8	------	------	------	------	34	29	2	------	23,950	59,800	149,739	89,939
Partnerships	1														
Bakery products, total	24	30	26	4	------	------	------	51	36	20	------	67,497	233,216	408,464	175,248
Individual proprietors	19	19	17	2	------	------	------	42	30	16	------	55,455	194,416	338,038	143,622
Partnerships	5	11	9	2	------	------	------	9	6	4	------	12,042	38,800	70,426	31,626
Fish canning and processing, total	140	53	47	6	425	392	33	4,308	13,074	1,860	1,000,902	6,288,175	19,990,289	36,367,663	16,377,374
Corporations	112	------	------	------	407	381	26	4,002	12,391	1,579	955,530	5,959,777	18,573,967	33,843,770	15,269,803
Individual proprietors	11	10	10	------	2	------	2	66	102	37	1,579	74,825	309,036	502,017	192,981
Partnerships	13	32	26	6	8	4	4	165	373	156	21,457	174,893	792,483	1,528,637	736,154
Cooperatives	3	[5] 11	11	------	8	7	1	75	208	88	22,336	78,680	314,803	493,239	178,436
Other	1														
Ice, manufactured, total	4														
Corporations	4	------	------	------	6	5	1	12	21	------	8,633	18,566	10,080	77,776	67,696
Lumber and timber products, total	21	32	31	1	30	27	3	250	224	10	54,150	287,376	309,416	900,111	590,695
Corporations	6	------	------	------	21	19	2	173	136	1	50,973	199,610	231,425	671,653	440,228
Partnerships	11	30	29	1	2	1	1	52	74	1	3,177	68,715	60,777	181,018	120,241
Individual proprietors	2														
Cooperatives	1	[5] 2	2	------	7	7	------	25	14	8	------	19,051	17,214	47,440	30,226
Other	1														
Machine shops, total	7														
Corporations	1														
Individual proprietors	5	[5] 7	7	------	2	2	------	10	16	------	4,000	20,250	44,951	112,702	67,751
Partnerships	1														
Printing, publishing, and allied activities, total	15	14	10	4	28	21	7	109	97	20	61,443	129,701	81,916	415,877	333,961
Corporations	6	------	------	------	28	21	7	85	72	18	61,443	106,753	66,563	336,519	269,956
Individual proprietors	3	3	2	1	------	------	------	2	2	------	------	3,360	3,748	15,381	11,633
Partnerships	6	11	8	3	------	------	------	22	23	2	------	19,588	11,605	63,977	52,372
Other industries, total	12	7	5	2	9	7	2	40	22	5	19,155	48,473	187,089	383,104	196,015
Corporations	4	------	------	------	9	7	2	24	10	3	19,155	28,168	146,129	295,691	149,562
Individual proprietors	7	[5] 7	5	2	------	------	------	16	12	2	------	20,305	40,960	87,413	46,453
Other	1														

[1] See GENERAL EXPLANATIONS—Wage earners and wages.
[2] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries.
[3] See GENERAL EXPLANATIONS—Profits and production costs.
[4] Value of products less cost of materials, supplies, containers, fuel, and electric energy.
[5] Combined to avoid disclosing data for individual establishments.

TABLE 6.—SIZE OF ESTABLISHMENTS—GENERAL STATISTICS, BY VALUE-OF-PRODUCTS GROUPS: 1939 AND 1919

[See Introduction, p. 1117]

Size group	Number of establishments		Persons engaged: Proprietors and partners		Persons engaged: Salaried employees		Persons engaged: Wage earners		Salaries [1]		Wages [1]		Cost of materials, supplies, containers, fuel, and electric energy [2]		Value of products [2]		Value added by manufacture [3]	
	1939	1919	1939	1919	1939	1919	1939	1919	1939	1919	1939	1919	1939	1919	1939	1919	1939	1919
All size groups, total	230	147	151	55	500	686	4,816	6,575	$1,148,283	$2,056,260	$6,883,988	$8,839,452	$20,916,757	$19,482,185	$38,815,436	$41,495,243	$17,898,679	$22,012,758
Less than $5,000	28	14	44	(4)	10	(4)	27	43	3,079	(4)	20,495	(4)	46,310	15,505	93,368	40,435	47,058	24,930
$5,000 to $19,999	47	16	72	(4)	7	(4)	124	49	7,582	(4)	120,696	(4)	211,899	64,789	496,405	181,399	284,506	116,610
$20,000 to $99,999	49	22	22	(4)	88	(4)	434	233	164,658	(4)	507,044	(4)	1,416,234	478,029	2,549,841	1,047,813	1,133,607	569,784
$100,000 to $499,999	87	78	11	(4)	271	(4)	2,732	3,797	716,141	(4)	3,644,086	(4)	11,579,687	10,779,033	20,784,741	20,693,108	9,205,054	9,914,075
$500,000 to $999,999	19	11	2	(4)	126	(4)	1,499	887 (11,798)	256,823	(4)	2,591,673	(4)	7,662,627	3,915,067 (1,229,464)	14,891,081	7,451,596 (12,180,892)	7,228,454	3,435,931 (7,951,428)
$1,000,000 and over	2	6																

PERCENT DISTRIBUTION [5]

Size group	1939	1919	1939	1919	1939	1919	1939	1919	1939	1919	1939	1919	1939	1919	1939	1919	1939	1919	1939	1919
All size groups, total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than $5,000	12.2	9.5	29.1	(4)	2.0	(4)	.6	.2	.3	(4)	.3	(4)	.2	.1	.2	.1	.3	.1
$5,000 to $19,999	20.4	10.9	47.7	(4)	1.0	(4)	2.6	.7	.7	(4)	1.8	(4)	1.0	.3	1.3	.4	1.6	.5
$20,000 to $99,999	21.3	15.0	14.6	(4)	17.6	(4)	9.0	3.5	14.3	(4)	7.4	(4)	6.8	2.5	6.6	2.5	6.3	2.6
$100,000 to $499,999	37.0	53.1	7.3	(4)	54.2	(4)	56.7	54.7	62.4	(4)	52.9	(4)	55.4	55.3	53.5	49.9	51.4	45.0
$500,000 to $999,999	8.3	7.5	[3] 1.3	(4)	25.2	(4)	31.1	13.5 (27.3)	[3] 22.4	(4)	37.6	(4)	36.6	20.1 (21.7)	[3] 38.4	17.7 (29.4)	[3] 40.4	15.6 (36.1)
$1,000,000 and over	0.9	4.1																

[1] See GENERAL EXPLANATIONS—Wage earners and wages.
[2] See GENERAL EXPLANATIONS—Profits and production costs.
[3] Value of products less cost of materials, supplies, containers, fuel, and electric energy.
[4] No data.
[5] Combined to avoid disclosing data for individual establishments.
[6] Each percentage is correct to the nearest tenth, although those for the several size groups do not in all cases add exactly to 100.

TABLE 7.—SIZE OF ESTABLISHMENTS—GENERAL STATISTICS, BY VALUE-OF-PRODUCTS GROUPS, BY INDUSTRIES: 1939

[See Introduction, p. 1117]

Size group and industry	Number of establishments	Persons engaged: Proprietors and partners	Persons engaged: Salaried employees	Persons engaged: Wage earners (average for year) [1]	Salaries [1]	Wages [1]	Cost of materials, supplies, containers, fuel, and electric energy [2]	Value of products [2]	Value added by manufacture [3]
All size groups, total	230	151	500	4,816	$1,148,283	$6,883,988	$20,916,757	$38,815,436	$17,898,679
Less than $5,000, total	28	44	10	27	3,079	20,495	46,310	93,368	47,058
Bakery products	3	3		1		195	5,207	8,617	3,410
Fish canning and processing	9	12	2	11	579	3,615	16,754	30,673	13,919
Lumber and timber products	9	22	8	7	2,500	9,635	13,199	26,426	13,227
Machine shops	3	3		1		1,650	4,650	11,799	7,149
Boat building and repairing	2								
Concrete products	1	4		7		5,400	6,500	15,853	9,353
Printing, publishing, and allied activities	1								
$5,000 to $19,999, total	47	72	5	124	7,582	120,690	211,899	496,405	284,506
Boat building and repairing	3	4		7		3,900	14,700	36,822	22,122
Bakery products	13	17		17		25,775	86,549	155,306	68,757
Fish canning and processing	6	23	2	22	3,279	19,951	35,962	68,048	32,086
Lumber and timber products	6	7		37		28,171	24,725	61,831	37,106
Printing, publishing, and allied activities	8	13		24		22,248	14,653	77,358	62,705
Beverages, nonalcoholic	1								
Concrete products	1								
Confectionery products	1								
Ice cream	2								
Ice, manufactured	2	8	5	17	4,353	19,955	35,310	97,040	61,730
Liquors, malt	1								
Machine shops	2								
Sheet-metal work	1								
$20,000 to $99,999, total	49	22	88	434	164,658	507,044	1,416,234	2,549,841	1,133,607
Bakery products	8	10		33		41,527	141,400	241,741	100,081
Fish canning and processing	24	7	45	229	73,043	245,431	1,047,112	1,490,332	443,220
Lumber and timber products	2	1	6	38	15,390	52,223	51,135	158,580	107,445
Printing, publishing, and allied activities	6		28	86	61,443	106,753	66,563	376,719	269,956
Boat building and repairing	2								
Ice, manufactured	2								
Liquors, malt	1	4	9	48	14,782	61,110	111,964	319,869	207,905
Machine shops	2								
Sheet-metal work	1								
$100,000 to $499,999, total	87	11	271	2,732	716,141	3,644,086	11,579,687	20,784,741	9,205,054
Fish canning and processing	81	9	250	2,547	667,228	3,427,505	11,228,834	19,887,529	8,657,695
Lumber and timber products	3								
Sheet-metal work	1	2	21	185	48,913	216,581	349,853	897,212	547,359
Wire netting	1								
$500,000 and over: Fish canning and processing	21	2	126	1,499	256,823	2,591,673	7,662,627	14,891,081	7,228,454

[1] See GENERAL EXPLANATIONS—Wage earners and wages.
[2] See GENERAL EXPLANATIONS—Profits and production costs.
[3] Value of products less cost of materials, supplies, containers, fuel, and electric energy.
[4] Combined to avoid disclosing data for individual establishments.

TABLE 8.—FISH CANNING AND PROCESSING—PRODUCTS, BY KIND, QUANTITY, AND VALUE: 1930 TO 1939

The figures for 1939 are derived from the Sixteenth Census returns and relate to the year ended September 30, 1939. Those for 1938 and earlier years are taken from the annual reports of the Bureau of Fisheries, Department of Commerce (now Fish and Wildlife Service of the Department of the Interior), and relate to calendar years. See Introduction, p. 1117]

	1939	1938	1937	1936	1935	1934	1933	1932	1931	1930
Total pounds	328,389,647	421,873,441	424,541,753	495,139,605	339,656,929	443,261,452	327,308,657	321,431,461	322,849,332	329,069,326
Total value	$36,033,468	$41,554,856	$50,104,821	$48,948,586	$29,998,021	$41,028,921	$31,420,196	$24,264,807	$32,292,570	$34,467,128
Salmon:										
Canned –										
Standard cases [1]	5,258,924	6,806,998	6,669,665	8,437,603	5,133,122	7,481,830	5,225,604	5,254,483	5,403,739	5,032,326
Equivalent in pounds	252,428,388	326,735,904	320,143,920	405,004,944	246,389,856	359,127,840	250,828,992	252,215,184	259,379,472	241,551,648
Value	$32,735,206	$36,636,897	$44,547,769	$44,751,633	$25,768,136	$37,611,950	$28,376,014	$21,715,801	$29,096,292	$29,694,898
Mild-cured—										
Pounds	2,909,740	6,519,200	5,721,600	4,483,200	4,442,400	3,532,800	3,923,200	4,434,400	3,320,800	4,447,525
Value	$587,959	$1,278,931	$1,064,344	$798,564	$873,693	$616,111	$622,828	$461,504	$633,753	$868,722
Frozen—										
Pounds	2,238,128	7,185,046	5,344,666	5,574,914	4,266,834	5,316,574	4,236,252	6,116,921	6,182,917	6,614,206
Value	$217,966	$530,951	$431,614	$374,330	$270,178	$334,812	$221,382	$226,204	$411,815	$561,848
Herring:										
Cured and frozen—										
Pounds	3,308,410	6,111,964	4,615,577	15,127,655	20,248,665	11,309,355	15,003,638	16,050,400	13,297,185	14,802,180
Value	$206,574	$172,887	$125,408	$577,965	$877,916	$494,884	$632,232	$653,187	$538,906	$560,577
Oil—										
Pounds	35,881,885	33,923,348	41,768,940	28,021,297	28,443,067	27,827,610	23,286,158	18,792,818	16,145,295	26,590,665
Value	$1,130,540	$1,292,705	$2,105,341	$946,393	$1,113,724	$634,059	$394,194	$256,619	$376,582	$876,013
Meal—										
Pounds	26,725,716	32,190,510	37,632,534	28,385,068	30,123,156	27,910,468	22,030,860	19,218,479	15,822,976	23,411,023
Value	$500,516	$549,614	$629,269	$522,014	$357,728	$442,217	$349,522	$229,906	$272,825	$655,050
Halibut:										
Pounds	3,006,590	7,002,703	7,145,572	6,609,004	3,869,546	5,967,563	5,786,374	2,059,795	6,614,353	9,878,741
Value	$178,792	$484,932	$511,670	$445,692	$244,320	$360,260	$308,739	$64,926	$401,108	$747,246
Cod:										
Pounds	122,610	288,541	203,327	249,331	147,737	492,905	338,475	197,263	414,898	322,237
Value	$6,823	$16,181	$10,338	$11,881	$6,813	$19,906	$12,907	$5,583	$23,650	$16,789
Clams:										
Pounds	816,216	1,029,588	816,942	780,264	889,302	782,388	1,045,800	1,756,776	1,107,762	852,684
Value	$216,449	$252,774	$240,392	$201,887	$197,581	$188,666	$246,313	$447,318	$312,407	$241,840
Shrimps:										
Pounds	653,644	435,111	461,199	473,073	374,090	377,676	317,012	299,436	457,405	510,956
Value	$158,921	$168,370	$164,602	$161,546	$127,493	$119,586	$102,101	$113,903	$184,050	$210,072
Crabs:										
Pounds	298,320	451,526	687,476	430,855	462,276	616,273	511,896	289,989	106,269	87,461
Value	$93,722	$170,614	$274,074	$156,681	$160,439	$206,470	$153,964	$89,856	$41,182	$34,073

[1] The numbers of cases reported by the canners have been reduced to their equivalents in standard cases of 48 1-pound cans.

TABLE 9.—LUMBER AND TIMBER PRODUCTS—PRODUCTION OF LUMBER, BY KIND AND QUANTITY, AND OF SHINGLES, BY QUANTITY: 1899 TO 1939

[These figures are collected by the Forest Service, of the Department of Agriculture, in cooperation with the Bureau of the Census. The table presents figures for Alaska mills reporting a production of 50,000 feet or more of lumber (or 625 squares of shingles)]

YEAR [1]	Number of mills [2]	LUMBER SAWED (M FEET, B. M.)					Shingles [3] (squares)	YEAR [1]	Number of mills [2]	LUMBER SAWED (M FEET, B. M.)					Shingles [3] (squares)
		Total	Spruce	Hemlock	Cedar	Other				Total	Spruce	Hemlock	Cedar	Other	
1939	24	25,885	18,162	6,071	1,595	57	2,471	1929	19	30,393	21,850	8,205	(4)	[4] 338	2,943
1938	21	21,598	13,841	6,242	1,506	9	2,260	1928	24	31,974	22,748	7,853	(4)	[4] 1,373	4,166
1937	20	25,276	15,794	8,477	994	11	2,181	1927	21	41,395	34,571	6,291	(4)	[4] 533	4,535
1936	19	28,858	18,852	9,336	668	2	2,598	1926	22	47,960	40,871	5,769	(4)	[4] 1,320	6,775
1935	20	23,499	14,769	8,069	658	3	2,182	1925	28	40,857	35,718	2,938	(4)	[4] 2,201	3,295
1934	19	20,166	12,548	6,909	709	...	2,000	1924	24	33,097	30,917	1,738	(4)	[4] 442	6,444
1933	20	12,901	10,292	1,523	1,086	...	1,380	1923	20	36,076	33,504	2,266	(4)	[4] 306	2,849
1932	17	12,175	10,319	1,588	(4)	[4] 268	938	1922	19	56,800	54,605	1,569	(4)	[4] 626	3,754
1931	16	16,535	12,091	4,189	(4)	[4] 255	1,063	1919	22	21,673	21,182	491	...	...	...
1930	14	34,216	23,062	10,621	(4)	[4] 533	2,751	1904	6	7,974	7,933		(4)	[4] 41	1,158
								1899	10	6,571	6,056	15	(4)	[4] 500	...

[1] All figures in this table refer to calendar years, whereas those for 1939, in the preceding tables, refer to the 12 months ended Sept. 30, 1939. Some of the mills sawed considerably larger amounts of lumber during the 12 months ended Sept. 30, 1939, than during the calendar year 1939. No data are available for years prior to 1922, except 1919-1904, and 1899.

[2] The difference between the "Number of mills" given in this table and the "Number of establishments" given in preceding tables is due (*a*) to the inclusion in this table, but not in the others, of data for four mills each of which reported products valued at less than $2,000 (see Introduction, p. 1117), and (*b*) to the inclusion in the other tables, but not in this table, of data for an establishment reporting logs and piling as its products.

[3] The figures for 1932 and prior years, originally reported in thousands, have been converted on the basis of 800 shingles to the square.

[4] Figures for cedar lumber included in those for "Other."

TABLE 10.—LUMBER AND TIMBER PRODUCTS—PRODUCTION OF LUMBER, 1936 TO 1939, AND STOCKS ON HAND AT BEGINNING AND AT END OF EACH YEAR

[See headnote, table 9]

YEAR	PRODUCTION OF LUMBER (M FEET, B. M.)			STOCKS ON HAND (M FEET, B. M.)	
	Total	By mills reporting stocks	Percent of total	Beginning of year	End of year
1939	25,885	25,483	98.4	10,511	11,888
1938	21,598	21,144	97.9	8,197	9,163
1937	25,276	24,447	96.7	9,368	9,131
1936	28,858	28,419	98.5	5,888	9,488

[1] See footnote 1, table 9.

HAWAII

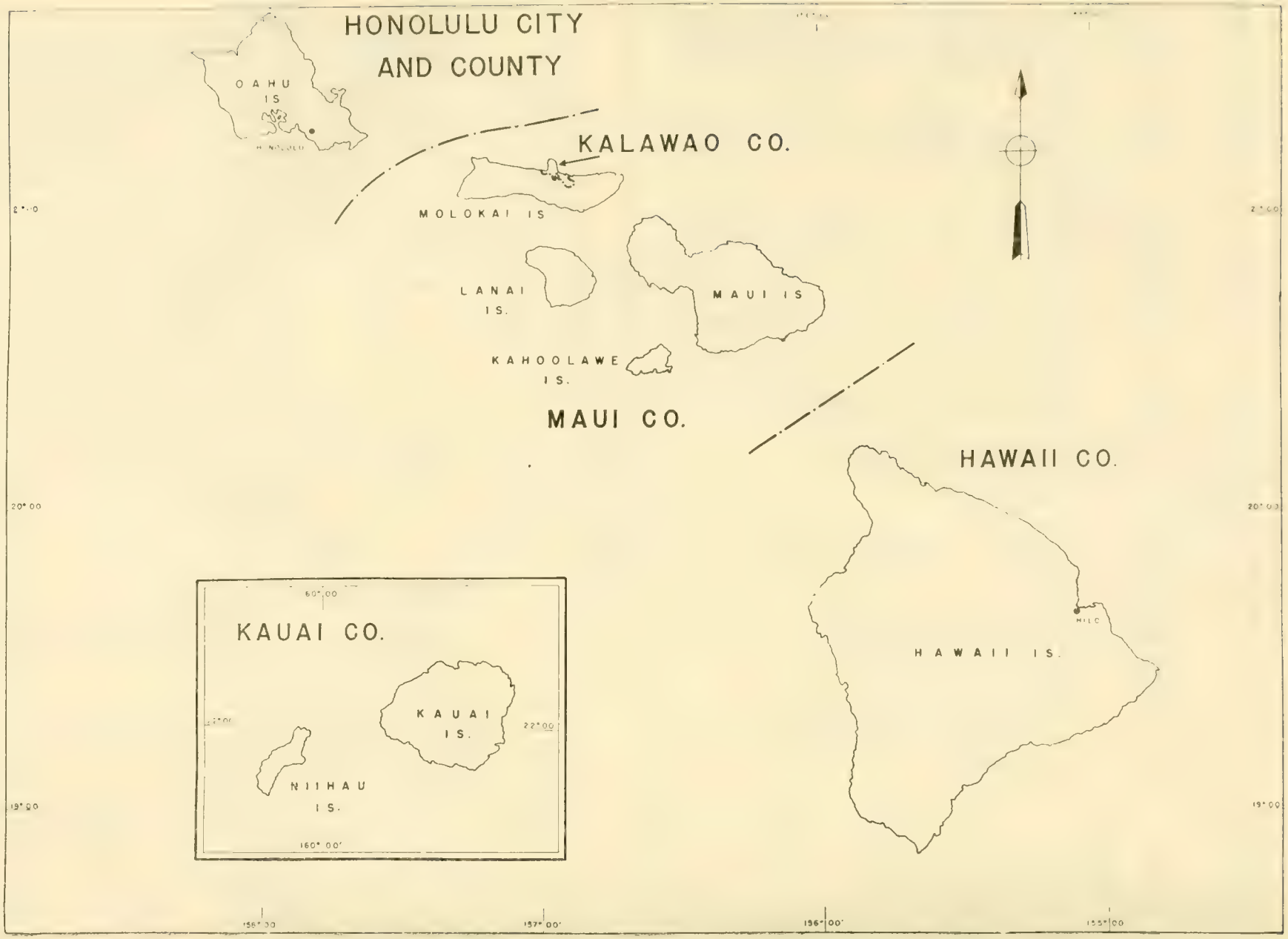
HONOLULU CITY
AND COUNTY
OAHU
IS
KALAWAO CO.
MOLOKAI IS
LANAI
IS.
MAUI IS
KAHOOLAWE
IS.
MAUI CO.
HAWAII CO.
HILO
HAWAII IS.
KAUAI CO.
KAUAI
IS.
NIIHAU
IS.
20° 00
19° 00
156° 00
157° 00'
156° 00'
155° 00

Table 1.—GENERAL STATISTICS FOR THE TERRITORY OF HAWAII: 1939, 1919, 1909, AND 1899

[See Introduction, p. 1117, and also General Explanations—Area and period covered, p. 1]

Item	1939	1919	1909	1899	Percent of change 1919-1939	Percent of change 1899-1919
Number of establishments	474	496	500	222	−4.4	123.4
Persons engaged, total	19,518	11,744	7,572	4,418	66.2	165.8
Proprietors and partners	320	700	[1] 1,074	244	−54.3	186.9
Salaried employees, total	2,196	1,075	594	519	104.3	107.1
Officers	135	545	264	(2)		
Supervisory employees	657	(3)	(3)	(2)		
Clerical and other nonsupervisory employees	1,404	530	330	(2)	164.9	
Wage earners (average for year) [4]	17,002	9,969	5,904	3,655	70.5	172.7
Male (as reported for June)	13,827	8,836	(2)	(2)	56.5	
Female (as reported for June)	7,411	998	(2)	(2)	642.6	
Salaries and wages, total [5]	$15,319,005	$8,666,024	$2,795,357	$2,038,000	76.8	325.2
Salaries, total	3,860,694	2,029,261	686,454	565,000	90.3	259.2
Officers	442,039	1,338,965	384,082			
Supervisory employees	1,790,316	(3)	(3)			
Clerical and other nonsupervisory employees	1,628,339	690,296	302,372		135.9	
Wages	11,458,311	6,636,763	2,108,903	1,473,000	72.6	350.6
Cost of materials, etc., and of work done outside the plant, total [5]	75,651,675	81,178,956	25,817,734	12,251,000	−6.8	562.6
Materials, supplies, and containers for products	74,341,148	79,748,272	25,327,731	12,251,000	−6.8	551.0
Fuel and electric energy	1,282,010	1,395,858	301,578	(2)	−8.2	
Work done outside the plant	28,517	34,826	188,425	(2)	−18.1	
Value of products [5]	134,005,264	133,096,412	47,403,880	23,354,000	0.7	469.9
Value added by manufacture [6]	58,353,589	51,917,456	21,586,146	11,103,000	12.4	367.6

[1] Includes 272 members of cooperative associations not reported for 1899 or 1919.
[2] No detailed data available.
[3] Included in figures for salaried officers.
[4] See General Explanations—Wage earners and wages.
[5] See General Explanations—Profits and production costs.
[6] Value of products less cost of materials, supplies, containers, fuel, electric energy, and work done outside the plant.

Table 2.—GENERAL STATISTICS, BY INDUSTRIES: 1939, 1919, 1909, AND 1899

[See Introduction, p. 1117, and also General Explanations—Area and period covered, p. 1]

Industry	Census year	Number of establishments	Persons engaged: Total	Persons engaged: Proprietors and partners	Persons engaged: Salaried employees: Total	Salaried employees: Salaried officers	Salaried employees: Supervisory employees	Salaried employees: Clerical and other nonsupervisory employees	Wage earners (average for year) [1]	Salaries and wages [1]: Total	Salaries: Total	Salaries: Officers	Salaries: Supervisory employees	Salaries: Clerical and other nonsupervisory employees	Wages
All industries, total	1939	474	19,518	320	2,196	135	657	1,404	17,002	$15,319,005	$3,860,694	$442,039	$1,790,316	$1,628,339	$11,458,311
	[4] 1919	496	11,744	700	1,075	545	(5)	530	9,969	8,666,024	2,029,261	1,338,965	(5)	690,296	6,636,763
	[4] 1909	500	7,572	1,074	594	264	(5)	330	5,904	2,795,357	686,454	384,082	(5)	302,372	2,108,903
	[4] 1899	222	4,418	244	519				3,655	2,038,000	565,000				1,473,000
Percent of change	1919–1939		−4.4	66.2	−54.3	104.3			164.9	70.5	76.8	90.3		135.9	72.6
Percent of change	1899–1919		123.4	165.8	186.9	107.1			172.7	325.2	259.2				350.6
Food and kindred products: [6]															
Bakery products	1939	76	714	72	108	17	17	74	534	$562,992	$149,434	$30,925	$45,356	$73,153	$413,558
	1919	30	277	44	38	18		20	195	120,010	32,052	19,300		12,752	87,958
	1909	46	180	63	10	4		6	107	40,683	5,123	3,037		2,086	35,560
	1899	8	14	10					4	1,000					1,000
Beverages, alcoholic, total	1939	9													
Distilled liquors	1939	1	[7] 340		86	13	15	58	254	377,386	127,817	35,255	30,383	62,179	249,569
Malt liquors	1939	2													
Sake	1939	5													
Wines	1939	1													
Beverages, nonalcoholic	1939	27	172	14	37	13	8	16	121	156,135	58,780	24,036	16,617	18,127	97,355
	1919	32	238	55	26	19		7	157	120,454	31,920	26,887		5,033	88,534
	1909	22	116	13	20	19		1	83	54,851	19,460	18,500		960	35,391
	1899	7	46	7	4			4	35	15,000	4,000			4,000	11,000
Cane sugar [8]	1939	35	4,800		429		240	189	4,371	3,709,901	815,481		631,376	184,105	2,894,420
	1919	43	3,421	1	277	199		78	3,143	2,801,913	774,785	625,259		149,526	2,027,128
	1909	46	2,709	13	179	80		99	2,517	1,047,496	266,216	146,075		120,141	781,280
	1899	44	2,759	5	385			385	2,369	1,112,000	364,000			364,000	748,000

See footnotes at end of table.

TABLE 2. GENERAL STATISTICS, BY INDUSTRIES: 1939, 1919, 1909, AND 1899—Continued

INDUSTRY	Census year	Number of establishments	PERSONS ENGAGED: Total	Proprietors and partners	Salaried employees: Total	Salaried officers	Supervisory employees	Clerical and other nonsupervisory employees	Wage earners (average for year)[2]	SALARIES AND WAGES[1]: Total	Salaries: Total	Officers	Supervisory employees	Clerical and other nonsupervisory employees	Wages
Food and kindred products—Continued															
Candy, department-store	1939	9	50	3	8	4	2	2	39	$25,345	$5,790	$3,525	$1,905	$360	$19,555
	1919	10	52	7	6	5		1	39	28,046	7,530	7,030		500	20,516
	1909	5	285	203	11	8		3	71	20,857	8,757	6,357		2,400	12,100
	1899	6	54	3	4			4	47	12,000	3,000			3,000	9,000
Confectionery products	1939	9	33	8					25	17,891					17,891
	1919	20	157	29	26	15		11	102	77,729	26,450	18,290		8,160	51,279
	1909	6	44	18	5	3		2	21	8,142	1,812	1,032		780	6,330
Fruit canning and preserving, total	1939	18	8,540	8	588	1	165	417	7,949	5,463,461	885,594	3,000	471,194	411,400	4,577,867
	1919	9	3,033	8	170	59		111	2,855	1,739,260	347,738	171,492		176,246	1,391,522
	1909	10	853		37	18		19	816	221,788	47,286	32,330		14,956	174,502
Canned pineapple and pineapple juice	1939	9	8,475		575		162	413	7,900	5,427,601	874,934		467,994	406,940	4,552,667
Jellies, preserves, etc	1939	9	65	8	8	1	3	4	49	35,860	10,660	3,000	3,200	4,460	25,200
Ice cream	1939	10	165	4	50	4	13	33	111	175,465	86,461	7,052	38,165	41,244	89,004
Ice, manufactured	1939	6	84		18	1	9	8	66	108,526	22,729	1,920	12,203	8,606	85,797
	1909	5	48		8	5		3	40	32,447	8,484	6,015		2,469	23,963
	1899	4	25	2	4			4	19	18,000	6,000			6,000	12,000
Macaroni and noodles	1939	8	39	7	6	2	1	3	26	21,059	4,560	1,620	900	2,040	16,499
	1919	4	23	2	4	3		1	17	12,866	3,930	3,900		30	8,936
Native foods, total	1939	56	198	73	4	1	2	1	121	67,672	3,592	1,080	1,812	700	64,080
Fish cakes	1939	4	31	4	1		1		26	19,879	912		912		18,967
Poi	1939	34	128	39	3	1	1	1	86	41,963	2,680	1,080	900	700	39,283
Sugar and rice cakes	1939	8	24	20					4	2,184	..		.		2,184
Tofu	1939	10	15	10					5	3,646					3,646
Pickled fruits and vegetables, vegetable sauces	1939	6	10	6					4	1,337					1,337
	1919	3	12	6	2	1		1	4	2,147	700	375	.	325	1,447
	1909	6	21	5	3	1		2	13	4,058	1,536	900	.	636	2,522
Potato chips, taro chips	1939	6	24	6	1			1	17	10,093	660			660	9,433
Chemicals and fertilizers	1939	6	256	1	66	4	19	43	189	372,619	191,635	50,616	$54,463	86,556	180,984
Clothing, men's, including shirts and women's	1939	16	349	14	32	5	3	24	303	205,762	56,637	22,838	10,760	23,039	149,125
	1919	15	46	20					26	11,868	.				11,868
	1909	4	7	4					3	600	.		.		600
Concrete products	1939	2													
Stone products	1939	2													
Lime	1939	2	139	1	16	1	8	7	122	145,205	37,839	5,400	24,579	7,860	107,366
Pottery	1939	1													
Footwear	1939	6	40	4	2	2			34	20,123	2,224	2,224		..	17,899
	1919	12	44	16	5	5			23	16,328	3,815	3,815			12,513
	1909	14	120	31	8	3		5	81	19,353	2,194	850		1,344	17,159
	1899	14	65	23	3			3	39	12,000	1,000	.		1,000	11,000
Furniture, total	1939	12	98	11	16	1	2	13	71	78,374	12,026	2,000	5,340	4,686	66,348
	1919	5	22	9	3	3			10	11,200	1,855	1,855		.....	9,345
	1909	6	79	18	7	3		4	54	19,299	4,558	2,586	.	1,972	14,741
Furniture, household, except upholstered	1939	4	15	5	1			1	9	7,444	180			180	7,264
Furniture, upholstered	1939	4	43	3	6	1		5	34	31,642	3,554	2,000		1,554	28,088
Furniture and fixtures, office and store	1939	4	41	3	9		2	7	29	39,288	8,292		5,340	2,952	30,996
Iron castings	1939	1													
Steel products	1939	4	112	5	12	4	1	7	95	152,723	34,884	17,871	5,300	11,713	117,839
Machine-shop products	1939	2													
Jewelry	1939	6													
Silverware	1939	1	43	6	9	3	1	5	28	42,991	13,544	7,503	2,601	3,440	29,447
Electroplating	1939	1													
	1919	6	69	27	6	5		1	36	32,084	5,670	4,890	.	780	26,414
	1909	6	89	30	5	4		1	54	27,453	3,310	3,070		240	24,143
Mattresses and bedsprings	1939	4	23	5					18	11,610				.	11,610
	1919	5	17	2					15	11,844					11,844
	1909	6	43	13	4	4		.	21	10,291	2,780	2,780			7,511
Picture frames	1939	4	44	6	2			2	36	33,965	2,243		.	2,243	31,722
Venetian blinds	1939	3													
Planing-mill products	1939	10	191	5	27	5	7	17	161	228,621	47,065	17,100	10,695	19,270	181,556
	1919	8	155	15	5	2		3	135	126,177	7,460	5,200		2,260	118,717
	1909	8	299	21	24	7		17	254	143,973	23,746	9,425		14,281	120,647
	1899	5	40	1	4			4	35	29,000	7,000			7,000	22,000

See footnotes at end of table.

TABLE 2.—GENERAL STATISTICS, BY INDUSTRIES: 1939, 1919, 1909, AND 1899—Continued

INDUSTRY	Census year	Number of establishments	PERSONS ENGAGED: Total	Proprietors and partners	Salaried employees: Total [1]	Salaried officers	Supervisory employees	Clerical and other nonsupervisory employees	Wage earners (average for year) [2]	SALARIES AND WAGES [1]: Total	Salaries: Total	Officers	Supervisory employees	Clerical and other nonsupervisory employees	Wages
Printing, publishing, and allied activities, total	1939	56	1,303	29	491	42	61	388	783	$1,726,323	$845,902	$166,323	$164,075	$515,504	$880,421
	1919	49	755	24	155	53	..	102	576	605,414	198,359	85,803	....	112,556	407,055
	1909	37	440	19	102	29	.....	73	319	230,425	83,595	32,868	....	50,727	146,830
	1899	10	170	7	31	.....	..	31	132	63,000	41,000	...	...	41,000	22,000
Newspaper publishing and printing, or publishing, only	1939	25	1,002	8	421	26	45	350	573	1,346,836	710,658	116,912	128,913	464,833	636,178
Periodical publishing and printing, or publishing only	1939	6	14	2	4	2	....	2	8	9,558	4,265	2,225	.....	2,040	5,293
Book publishing and printing, or publishing only	1939	2													
Job printing	1939	21	[7] 288	19	66	14	16	36	203	369,929	130,979	47,186	35,162	48,631	238,950
Lithographing	1939	1													
Photoengraving	1939	1													
Signs, neon	1939	3	12	1	4	...	3	1	7	15,452	6,960	..	5,460	1,500	8,492
Soap	1939	3	6	3	....	...	....	.....	3	1,639	....			..	1,639
Wood products not elsewhere classified	1939	8	107	6	6	2	1	3	95	56,944	6,118	3,046	1,200	1,872	50,826
Other industries [12]	1939	48	1,629	24	183	10	81	92	1,422	1,529,391	442,719	38,705	255,932	148,082	1,086,672
	1919	245	3,423	435	352	158	..	194	2,636	2,948,684	586,997	364,869	....	222,128	2,361,687
	1909	273	2,239	618	171	76	..	95	1,450	924,261	207,637	118,317	..	89,320	716,624
	1899	126	1,245	186	84	....		84	975	776,000	139,000	.	...	139,000	637,000

INDUSTRY	Census year	Number of establishments	COST OF MATERIALS, ETC., ACTUALLY USED DURING YEAR [1]: Total	Materials, supplies, and containers for products	Fuel and electric energy	Work done outside the plant	Value of products [1]	Value added by manufacture [3]
All industries, total	1939	474	$75,651,675	$74,341,148	$1,282,010	$28,517	$134,005,264	$58,353,589
	[4] 1919	496	81,178,956	79,748,272	1,395,858	34,826	133,096,412	51,917,456
	[4] 1909	500	25,817,734	25,327,731	301,578	188,425	47,403,880	21,586,146
	[4] 1899	222	12,251,000	12,251,000	.....	.....	23,354,000	11,103,000
Percent of change	1919–1939	−4.4	−6.8	−6.8	−8.2	−18.1	0.7	12.4
Percent of change	1899–1919	123.4	562.6	551.0	.....	.....	469.9	367.6
Food and kindred products: [6]								
Bakery products	1939	76	$1,625,458	$1,551,784	$73,664	$10	$2,949,064	$1,323,606
	1919	30	826,838	805,561	21,277	.....	1,129,294	302,456
	1909	46	219,575	206,733	12,842	.....	343,520	123,945
	1899	8	5,000	5,000	.....	.....	10,000	5,000
Beverages, alcoholic, total	1939	9						
Distilled liquors	1939	1						
Malt liquors	1939	2	705,194	656,072	49,122	.....	2,118,907	1,413,713
Sake	1939	5						
Wines	1939	1						
Beverages, nonalcoholic	1939	27	356,302	340,531	15,771	.	816,235	459,933
	1919	32	251,763	225,811	25,952	...	518,569	266,806
	1909	22	74,312	70,063	4,249	.....	194,273	119,961
	1899	7	25,000	25,000	.....	.....	89,000	64,000
Cane sugar [8]	1939	35	30,482,432	30,003,249	476,321	2,862	49,250,987	18,768,555
	1919	43	45,899,268	45,104,647	792,364	2,257	80,236,244	34,336,976
	1909	46	18,721,621	18,414,635	127,440	179,546	35,949,822	17,228,201
	1899	44	9,778,000	9,778,000		.	19,255,000	9,477,000
Coffee deparchmentizing	1939	9	401,422	391,047	7,581	2,794	464,321	62,899
	1919	10	875,463	838,599	6,864		1,050,752	175,289
	1909	5	250,705	247,792	2,913	.	297,263	46,558
	1899	6	60,000	60,000	.....	.....	95,000	35,000
Confectionery products	1939	9	56,176	52,595	3,581	.	98,354	42,178
	[9] 1919	20	393,147	384,872	8,275	.....	587,330	194,183
	1909	6	23,574	22,959	615	...	43,162	19,588
Fruit canning and preserving, total	[10] 1939	18	24,549,416	24,329,033	220,383	.....	48,692,282	24,142,866
	1919	9	10,772,745	10,643,343	129,402	.....	18,997,975	8,225,230
	1909	10	926,591	913,233	13,358	.	1,591,073	664,482
Canned pineapple and pineapple juice	[10] 1939	9	24,362,105	24,245,363	216,742	...	48,540,806	24,078,701
Jellies, preserves, etc	1939	9	87,311	83,670	3,641	..	151,476	64,165
Ice cream	1939	10	598,154	562,222	35,932		1,262,777	664,623
Ice, manufactured	1939	6	42,940	4,705	38,235	.....	228,642	185,702
	1909	5	21,386	3,860	17,526	.....	107,111	85,725
	1899	4	16,000	16,000	.	.	57,000	41,000
Macaroni and noodles	1939	8	40,503	38,430	2,073	.....	86,067	45,564
	1919	4	76,517	75,612	905	...	97,799	21,282

See footnotes at end of table.

TABLE 2.—GENERAL STATISTICS, BY INDUSTRIES: 1939, 1919, 1909, AND 1899—Continued

INDUSTRY	Census year	Number of establishments	COST OF MATERIALS, ETC., ACTUALLY USED DURING YEAR [1]				Value of products [1]	Value added by manufacture [3]
			Total	Materials, supplies, and containers for products	Fuel and electric energy	Work done outside the plant		
Food and kindred products—Continued.								
Native foods, total	1939	56	$331,861	$306,416	$25,345	$100	$599,010	$267,149
Fish cakes		4	67,921	65,537	2,384		110,005	42,084
Poi	1939	34	173,283	156,801	16,382	100	343,561	170,278
Sugar and rice cakes	1939	8	68,725	65,200	3,525		105,136	36,411
Tofu	1939	10	21,932	18,878	3,054		40,308	18,376
Pickled fruits and vegetables, vegetable sauces	1939	6	16,390	15,545	845		38,224	21,834
	1919	3	22,816	22,143	673		34,481	11,665
	1909	6	17,133	16,048	1,085		33,572	16,439
Potato chips; taro chips	1939	6	23,621	21,556	2,065		45,372	21,751
Chemicals and fertilizers	1939	6	1,525,294	1,490,741	34,553		2,160,108	634,814
Clothing, men's (including shirts) and women's	1939	16	479,079	456,554	3,125	$19,400	777,089	298,010
	1919	15	37,960	37,690	270		79,402	41,442
	1909	4	3,985	3,975	10		7,630	3,645
Concrete products	1939	2						
Stone products	1939	2	[7] 440,146	408,351	31,795		810,871	370,725
Lime	1939	2						
Pottery	1939	1						
Footwear	1939	6	55,178	54,107	1,071		88,929	33,751
	1919	12	33,622	33,312	310		64,419	30,797
	1909	14	78,120	77,771	349		126,475	48,355
	1899	14	20,000	20,000			47,000	27,000
Furniture, total	1939	12	97,951	95,093	2,708	150	243,247	145,296
	1919	5	8,523	7,888	635		29,169	20,646
	1909	6	38,663	38,516	147		69,752	31,089
Furniture, household (except upholstered)	1939	4	6,876	6,423	303	150	23,036	16,160
Furniture, upholstered	1939	4	54,629	53,440	1,189		128,458	73,829
Furniture and fixtures, office and store	1939	4	36,446	35,230	1,216		91,753	55,307
Iron castings	1939	1						
Steel products	1939	4	[7] 148,708	138,326	10,382		358,163	209,455
Machine-shop products	1939	2						
Jewelry	1939	6						
Silverware	1939	1	[7] 21,757	20,269	1,238	250	106,419	84,662
Electroplating	1939	1						
	1919	6	46,432	45,692	740		107,963	61,531
	1909	6	51,006	50,095	911		111,335	60,329
Mattresses and bedsprings	1939	5	56,677	56,202	475		94,605	37,928
	1919	5	30,389	29,759	630		54,035	23,646
	1909	6	16,137	15,809	328		37,908	21,771
Picture frames	1939	1	[7] 82,572	81,970	602		155,984	73,412
Venetian blinds	1939	3						
Planing-mill products [11]	1939	10	462,558	447,116	15,053	389	824,498	361,940
	1919	8	422,916	418,195	4,721		612,906	189,990
	1909	8	97,459	93,226	4,233		281,325	183,866
	1899	3	42,000	42,000			91,000	49,000
Printing, publishing, and allied activities, total	1939	56	963,976	923,657	37,757	2,562	4,147,337	3,183,361
	1919	49	377,109	338,072	10,986	28,051	1,338,955	961,846
	1909	37	102,442	92,740	5,744	3,958	434,779	332,337
	1899	10	33,000	33,000			200,000	167,000
Newspaper publishing and printing, or publishing only	1939	25	570,920	539,213	29,307	2,400	2,928,138	2,357,218
Periodical publishing and printing, or publishing only	1939	6	19,001	18,866	117	18	42,073	23,072
Book publishing and printing, or publishing only	1939	2						
Job printing	1939	21	[7] 374,055	365,578	8,333	144	1,177,126	803,071
Lithographing	1939	1						
Photoengraving	1939	1						

TABLE 2.—GENERAL STATISTICS, BY INDUSTRIES: 1939, 1919, 1909, AND 1899—Continued

INDUSTRY	Census year	Number of establishments	COST OF MATERIALS, ETC., ACTUALLY USED DURING YEAR [1]				Value of products [1]	Value added by manufacture [3]
			Total	Materials, supplies, and containers for products	Fuel and electric energy	Work done outside the plant		
Signs, neon	1939	3	$19,528	$19,014	$514		$45,766	$26,238
Soap	1939	3	8,592	8,391	201		20,347	11,755
Wood products not elsewhere classified	1939	8	37,365	35,602	1,763		108,576	71,211
Other industries	[12] 1939	48	12,022,425	11,832,570	189,855		17,413,083	5,390,658
	1919	245	21,103,448	20,707,076	391,854	4,518	28,157,119	7,053,671
	1909	273	5,175,025	5,060,276	109,828	4,921	7,774,880	2,599,855
	1899	126	2,272,000	2,272,000			3,510,000	1,238,000

[1] See GENERAL EXPLANATIONS—Profits and production costs.
[2] See GENERAL EXPLANATIONS—Wage earners and wages. Each of the averages in this column is correct to the nearest unit despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries.
[3] Value of products less cost of materials, supplies, containers, fuel, electric energy, and work done outside the plant.
[4] Figures include data for coffee roasting and spice grinding, which are no longer treated as manufacturing activities.
[5] Included in figure for salaried officers.
[6] Except butter and cheese, canned tuna, rice cleaning and polishing, meat packing and sausage manufacturing, and vegetable oils and sirups. See footnote 12.
[7] Combined to avoid disclosing exact or approximate data for individual establishments or companies.
[8] Figures for this industry relate solely to sugar mills, and do not include data for sugar-cane plantations.
[9] Reported as confectionery and ice cream.
[10] Some canneries reported for the calendar year, others for fiscal years. Of the 9 canneries operating, 5 reported for the 12 months ended May 31, 1940; 3 for the calendar year 1939; and 1 for the 12 months ended Feb. 29, 1940.
[11] Products of planing mills not operated in conjunction with sawmills.
[12] This item covers the following numbers of establishments reporting for the industries specified. Figures for these industries are combined to avoid disclosing exact or approximate data reported by individual establishments or companies.

Boat building and repairing	5	Drugs, medicines, perfumes	3	Meat packing, sausage manufacturing	6
Brooms	2	Insulation board	1	Paper goods	5
Butter and cheese	3	Lighting fixtures	1	Prepared feeds	1
Canned tuna	3	Machinery, farm	1	Rice cleaning and polishing	2
Caskets	1	Machinery, sugar-mill	1	Skirts, hula	1
Cushions, pillows, and quilts	1	Mats	1	Suitcases and trunks	1
Tin cans	7	Vegetable oils and sirups	2		

TABLE 3.—WAGE EARNERS, BY MONTHS, FOR ALL INDUSTRIES AS A GROUP, 1939, 1919, AND 1909, AND BY INDUSTRIES, 1939

[See GENERAL EXPLANATIONS—Wage earners and wages]

INDUSTRY	Average for year [1]	NUMBER REPORTED FOR—											
		January	February	March	April	May	June	July	August	September	October	November	December
All industries, total:													
1939	17,002	13,642	13,800	13,299	13,278	13,468	21,236	27,065	27,817	17,571	14,794	14,149	13,908
1919	9,969	8,635	9,136	9,172	9,056	9,239	9,834	13,968	14,533	9,698	9,183	8,660	8,514
1909	5,904	5,927	6,086	6,041	6,509	6,457	6,608	7,292	6,324	5,726	4,345	4,214	5,326
Food and kindred products:													
Bakery products	534	519	517	528	531	540	540	535	539	539	537	538	549
Beverages, alcoholic (distilled liquors, malt liquors, sake, and wines)	254	245	260	237	235	231	240	246	274	260	267	272	277
Beverages, nonalcoholic	121	121	117	123	120	122	124	122	120	121	119	118	121
Cane sugar	4,371	4,511	4,643	4,659	4,555	4,605	4,524	4,383	4,476	4,334	4,000	3,921	3,839
Coffee deparchmentizing	39	54	53	58	33	31	31	27	16	33	43	40	43
Confectionery products	25	25	25	25	25	25	25	25	25	25	24	24	29
Fruit canning and preserving, total	7,949	4,823	4,674	4,099	4,150	4,218	11,780	17,676	18,323	8,444	6,147	5,603	5,448
Canned pineapple and pineapple juice	7,900	4,788	4,643	4,069	4,102	4,166	11,723	17,613	18,251	8,373	6,088	5,565	5,414
Jellies, preserves, etc	49	35	31	30	48	52	57	63	72	71	59	38	34
Ice cream	111	104	99	103	100	111	113	112	117	117	117	116	119
Ice, manufactured	66	69	83	68	68	70	71	61	59	60	60	60	60
Macaroni and noodles	26	24	25	25	28	25	24	24	27	27	27	27	27
Native foods, total	121	122	119	121	120	119	124	125	120	119	121	123	122
Fish cakes	26	26	25	27	26	26	27	27	25	25	25	27	27
Poi	86	87	85	85	85	84	88	89	86	85	86	86	85
Sugar and rice cakes	4	4	4	4	4	4	4	4	4	4	4	4	4
Tofu	5	5	5	5	5	5	5	5	5	5	6	6	6
Pickled fruits and vegetables; vegetable sauces	4	4	4	3	3	3	4	4	4	3	3	4	4
Potato chips; taro chips	17	16	16	16	20	20	16	14	14	21	17	14	17

See footnotes at end of table.

TABLE 3.—WAGE EARNERS, BY MONTHS, FOR ALL INDUSTRIES AS A GROUP, 1939, 1919, AND 1909, AND BY INDUSTRIES, 1939—Continued

[illegible]	Average for the year	NUMBER REPORTED FOR											
		January	February	March	April	May	June	July	August	September	October	November	December
[illegible]	180	167	168	196	186	181	184	188	197	190	189	188	171
[illegible]	[illegible]	309	296	308	304	354	276	284	292	284	301	291	282
[illegible]	122	142	126	98	87	86	125	118	138	130	124	137	158
[illegible]	34	35	34	35	34	35	34	34	34	32	35	34	32
[illegible]	71	74	76	78	84	76	70	65	66	64	65	67	68
[illegible]	9	8	12	9	10	8	8	8	8	8	8	10	10
[illegible]	34	37	32	37	41	36	29	26	32	34	33	34	34
[illegible]	29	33	32	32	36	32	33	31	23	22	24	23	24
[illegible]	95	99	90	93	104	100	114	100	98	93	85	82	84
[illegible]	28	27	28	28	27	27	27	28	28	28	28	29	29
[illegible]	18	17	17	17	17	18	18	18	18	19	19	19	19
[illegible]	36	31	31	31	32	29	34	37	41	44	40	41	39
[illegible]	161	164	162	167	157	160	168	156	164	173	156	161	159
Printing, publishing, and allied activities, total	788	782	787	781	771	786	787	775	786	791	777	790	783
Newspaper publishing and printing, or publishing only	573	583	586	576	571	578	584	568	562	563	560	575	567
Periodical publishing and printing, or publishing only	8	8	8	8	8	8	6	8	8	8	8	8	8
Book publishing and printing, or publishing only; job printing, lithographing, photoengraving	203	191	193	197	192	200	197	199	216	220	209	207	208
Signs, neon	7	7	7	7	7	7	7	7	7	7	7	7	7
Soap	3	2	2	2	2	2	2	3	3	3	3	3	3
Wood products, not elsewhere classified	95	98	100	104	96	104	107	101	89	107	81	79	79
All other industries [2]	1,422	1,023	1,211	1,289	1,325	1,383	1,672	1,799	1,742	1,503	1,402	1,361	1,349

[1] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries.
[2] See table 2, footnote 12.

TABLE 4.—GENERAL STATISTICS FOR COUNTIES, AND BY INDUSTRIES FOR HONOLULU CITY: 1939

[See Introduction, p. 1117]

AREA AND INDUSTRY	Number of establishments	PERSONS ENGAGED						SALARIES AND WAGES [1]				
		Total [2]	Proprietors and partners	Salaried employees			Wage earners (average for year) [3]	Total	Salaries			Wages
				Salaried officers	Supervisory employees	Clerical and other nonsupervisory employees			Officers	Supervisory employees	Clerical and other nonsupervisory employees	
The Territory, all industries	**474**	**19,518**	**320**	**135**	**657**	**1,404**	**17,002**	**$3,860,694**	**$442,039**	**$1,790,316**	**$1,628,339**	**$11,458,311**
Hawaii County, all industries	88	2,347	46	18	119	145	2,019	491,229	45,616	290,513	155,100	1,299,130
Hilo City	45	903	23	13	37	96	734	237,086	40,891	90,511	105,684	530,838
Remainder of county	43	1,443	23	5	82	49	1,284	254,143	4,725	200,002	49,416	768,292
Honolulu County, all industries	297	12,677	227	104	384	1,055	10,907	2,763,292	365,476	1,115,372	1,272,444	7,867,635
Honolulu City, all industries	275	11,416	216	101	311	1,006	9,782	2,511,132	361,601	923,998	1,225,531	7,070,759
Food and kindred products:												
Bakery products	41	548	37	12	14	66	419	133,192	23,175	42,761	67,256	338,254
Beverages, alcoholic	5	259		11	11	39	198	97,139	33,590	24,230	39,619	218,579
Beverages, nonalcoholic	11	92	5	10	3	8	66	37,436	15,216	10,505	9,715	54,187
Confectionery products	6	24	5				19					15,119
Fruit canning and preserving, total	11											
Canned pineapple and pineapple juice	3	[4] 6,557	7	1	119	350	6,080	698,768	3,000	360,321	335,447	3,767,015
Jellies, preserves, etc	8											
Ice cream	7	113	3	1	10	26	73	69,780	3,000	32,745	34,044	65,194
Native foods, total	23	109	41		2	1	65	2,512		1,812	700	44,310
Poi	8	50	14		1	1	34	1,600		900	700	21,973
Fish cakes	3											
Sugar and rice cakes	6	[4] 59	27		1		31	912		912		22,337
Tofu	6											
Pickled fruits and vegetables; vegetable sauces	3	5	3				2					812
Jewelry, silverware, electroplating	8	43	6	3	1	5	28	13,544	7,503	2,601	3,440	29,447
Picture frames, Venetian blinds	4	44	6			2	36	2,243			2,243	31,722
Planing-mill products	7	145	3	4	4	13	121	38,787	14,000	10,695	14,092	144,249
Printing, publishing, and allied activities	39	1,086	24	31	50	322	659	748,916	140,252	144,317	464,347	764,739
Signs, neon	3	12	1		3	1	7	6,960		5,460	1,500	8,492
Wood products, not elsewhere classified	8	107	6	2	1	3	95	6,118	3,046	1,200	1,872	50,826
Other industries	99	2,271	69	26	93	170	1,913	657,428	118,819	287,351	251,258	1,537,814
Remainder of county	22	1,261	11	3	73	49	1,125	242,160	3,875	191,374	46,911	796,876
Kalawao and Maui Counties, all industries	59	2,642	36	4	80	120	2,402	332,859	14,405	201,744	116,710	1,378,388
Wailuku City	17	231	13	2	13	30	173	64,012	8,940	30,558	24,514	133,218
Kalawao County and remainder of Maui County	42	2,410	23	2	67	90	2,228	268,847	5,465	171,186	92,196	1,245,170
Kauai County, all industries	30	1,854	11	9	74	84	1,676	283,314	16,542	182,687	84,085	913,158

[1] See GENERAL EXPLANATIONS—Profits and production costs.
[2] Because of the inclusion in this total of wage earners (average for year), the figures for the several subgroups do not, in all cases, add exactly to the totals for the several counties, or to that for the entire area.
[3] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several subgroups do not add exactly to the average for the several counties, or to that for the entire area.
[4] Combined to avoid disclosing exact or approximate data for individual establishments or companies.

TABLE 4.—GENERAL STATISTICS FOR COUNTIES, AND BY INDUSTRIES FOR HONOLULU CITY: 1939—Continued

AREA AND INDUSTRY	COST OF MATERIALS, ETC., ACTUALLY USED DURING YEAR [1]				Value of products [1]	Value added by manufacture [2]
	Total	Materials, supplies, and containers for products	Fuel and electric energy	Work done outside the plant		
The Territory, all industries	$75,651,675	$74,341,148	$1,282,010	$28,517	$134,005,264	$58,353,589
Hawaii County, all industries	13,276,728	12,963,943	307,333	5,452	20,848,374	7,571,646
Hilo City	3,050,579	2,870,970	179,591	18	5,464,932	2,414,353
Remainder of county	10,226,149	10,092,973	127,742	5,434	15,383,442	5,157,293
Honolulu County, all industries	43,005,804	42,340,361	644,600	20,843	80,207,695	37,201,891
Honolulu City, all industries	35,308,440	34,801,535	486,072	20,833	66,906,396	31,597,956
Food and kindred products:						
Bakery products	1,252,355	1,201,893	50,462		2,275,001	1,022,646
Beverages, alcoholic	536,957	500,729	36,228		1,746,259	1,209,302
Beverages, nonalcoholic	227,757	222,104	5,653		537,335	309,578
Confectionery products	42,825	39,843	2,982		80,390	37,565
Fruit canning and preserving, total; Canned pineapple and pineapple juice; Jellies, preserves, etc [3]	19,193,826	19,033,001	160,825		38,200,194	19,006,368
Ice cream	482,711	463,576	19,135		1,036,304	553,593
Native foods, total	228,877	211,340	17,537		382,710	153,833
Poi	87,792	78,507	9,285		168,259	80,467
Fish cakes; Sugar and rice cakes; Tofu [3]	141,085	132,833	8,252		214,451	73,366
Pickled fruits and vegetables; vegetable sauces	11,208	10,750	458		22,651	11,443
Jewelry; silverware; electroplating	21,757	20,269	1,238	250	106,419	84,662
Picture frames; Venetian blinds	82,572	81,970	602		155,984	73,412
Planing-mill products	400,539	392,781	7,369	389	698,168	297,629
Printing, publishing, and allied activities	881,117	849,678	30,795	644	3,721,330	2,840,213
Signs, neon	19,528	19,014	514		45,766	26,238
Wood products, not elsewhere classified	37,365	35,602	1,763		108,576	71,211
Other industries	11,889,046	11,718,985	150,511	19,550	17,789,309	5,900,263
Remainder of county	7,697,364	7,538,826	158,528	10	13,301,299	5,603,935
Kalawao and Maui Counties, all industries	11,193,541	10,977,482	214,059	2,000	19,058,825	7,865,284
Wailuku City	651,668	622,624	27,044	2,000	1,359,711	708,043
Kalawao County and remainder of Maui County	10,541,873	10,354,858	187,015		17,699,114	7,157,241
Kauai County, all industries	8,175,602	8,059,362	116,018	222	13,890,370	5,714,768

[1] See GENERAL EXPLANATIONS—Profits and production costs.
[2] Value of products less cost of materials, supplies, containers, fuel, electric energy, and work done outside the plant.
[3] Combined to avoid disclosing exact or approximate data for individual establishments or companies.

TABLE 5.—NUMBER OF ESTABLISHMENTS, BY INDUSTRIES, BY COUNTIES AND FOR HILO, HONOLULU, AND WAILUKU CITIES: 1939

INDUSTRY	The Territory	COUNTIES					CITIES		
		Hawaii	Honolulu	Kalawao	Kauai	Maui	Hilo	Honolulu	Wailuku
All industries, total	474	88	297	1	30	58	45	275	17
Food and kindred products:									
Bakery products	76	17	42	1	6	10	7	41	2
Beverages, alcoholic	9	2	5			2	2	5	
Beverages, nonalcoholic	27	6	14		2	5	4	11	2
Cane sugar	35	16	7		7	5	2		1
Coffee deparchmentizing	9	9							
Confectionery products	9	3	6				3	6	
Fruit canning and preserving, total	18		11		4	3		11	
Canned pineapple and pineapple juice	9		3		3	3		3	
Jellies, preserves, etc	9		8		1			8	
Ice cream	10	1	7		1	1	1	7	1
Ice, manufactured	6	1	3			2	1	2	
Macaroni and noodles	8	1	7				1	7	
Native foods, total	56	12	29		3	12	8	23	3
Fish cakes	4	1	3				1	3	
Poi	34	9	11		3	11	5	8	2
Sugar and rice cakes	8		8					6	
Tofu	10	2	7			1	2	6	1
Pickled fruits and vegetables ; vegetable sauces	6	2	3			1		3	
Potato chips; taro chips	6	1	5				1	5	
Chemicals and fertilizers	6	1	4			1	1	4	
Clothing, men's (including shirts) and women's	16		15			1		15	
Concrete products; stone products; lime; pottery	7		6			1		5	
Footwear	6		5			1		5	1
Furniture	12		10		1	1		10	1
Iron castings; steel products; machine-shop products	7	1	6				1	6	
Jewelry; silverware; electroplating	8		8					8	
Mattresses and bedsprings	5		4			1		4	1
Picture frames; Venetian blinds	4		4					4	
Planing-mill products	10	2	7			1	2	7	
Printing, publishing, and allied activities	56	8	39		3	6	7	39	5
Signs, neon	3		3					3	
Soap	3		3					2	
Wood products, not elsewhere classified	8		8					8	
Other industries	48	5	36		3	4	4	34	

TABLE 6. RELATIVE IMPORTANCE OF MANUFACTURING INDUSTRIES RANKED ACCORDING TO NUMBER OF WAGE EARNERS, COST OF MATERIALS, VALUE OF PRODUCTS, AND VALUE ADDED BY MANUFACTURE: 1939

[See Introduction, p. 1117]

INDUSTRY	Number of establishments	WAGE EARNERS		COST OF MATERIALS, SUPPLIES, CONTAINERS, FUEL, ELECTRIC ENERGY, AND WORK DONE OUTSIDE THE PLANT		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE	
		Average for the year [1]	Rank	Amount [2]	Rank	Amount [2]	Rank	Amount [3]	Rank
All industries, total	**474**	**17,002**		**$75,651,675**		**$134,005,264**		**$58,353,589**	
Fruit canning and preserving	18	7,949	1	24,549,416	2	48,692,282	2	24,142,866	1
Cane sugar	35	4,371	2	30,482,432	1	49,250,987	1	18,768,555	2
Printing, publishing, and allied activities	56	783	3	963,976	5	4,147,337	3	3,183,361	3
Bakery products	76	534	4	1,625,458	3	2,949,064	4	1,323,606	5
Clothing, men's (including shirts) and women's	16	303	5	479,079	8	777,089	11	298,010	11
Beverages, alcoholic	9	254	6	705,194	6	2,118,907	6	1,413,713	4
Chemicals and fertilizers	6	189	7	1,525,294	4	2,160,108	5	634,814	7
Planing mill products	10	161	8	462,558	9	824,498	8	361,940	10
Concrete products; stone products; lime; pottery	7	122	9	440,146	10	810,871	10	370,725	9
Beverages, nonalcoholic	27	121	10	356,302	12	816,235	9	459,933	8
Native foods	56	121	11	331,861	13	599,010	12	267,149	12
Ice cream	10	111	12	598,154	7	1,262,777	7	664,623	6
Iron castings; steel products; machine-shop products	7	95	13	148,708	14	358,163	14	209,455	13
Wood products, not elsewhere classified	8	95	14	37,365	22	108,576	18	71,211	18
Furniture	12	71	15	97,951	15	243,247	15	145,296	15
Ice, manufactured	6	66	16	42,940	20	228,642	16	185,702	14
Coffee deparchmentizing	9	39	17	401,422	11	464,321	13	62,899	19
Picture frames, Venetian blinds	4	36	18	82,572	16	155,984	17	73,412	17
Footwear	6	34	19	55,178	19	88,929	22	33,751	23
Jewelry; silverware; electroplating	8	28	20	21,757	24	106,419	19	84,662	16
Macaroni and noodles	8	26	21	40,503	21	86,067	23	45,564	20
Confectionery products	9	25	22	56,176	18	98,354	20	42,178	21
Mattresses and bedsprings	5	18	23	56,677	17	94,605	21	37,928	22
Potato chips; taro chips	6	17	24	23,621	23	45,372	25	21,751	26
Signs, neon	3	7	25	19,528	25	45,766	24	26,238	24
Pickled fruits and vegetables; vegetable sauces	6	4	26	16,390	26	38,224	26	21,834	25
Soap	3	3	27	8,592	27	20,347	27	11,755	27
Other industries [4]	48	1,422		12,022,425		17,413,083		5,390,658	

[1] See GENERAL EXPLANATIONS—Wage earners and wages.
[2] See GENERAL EXPLANATIONS—Profits and production costs.
[3] Value of products less cost of materials, supplies, containers, fuel, electric energy, and work done outside the plant.
[4] See table 2, footnote 12.

TABLE 7. SIZE OF ESTABLISHMENTS—GENERAL STATISTICS, BY VALUE-OF-PRODUCTS GROUPS: 1939

[See Introduction, p. 1117]

SIZE GROUP	Number of establishments	PERSONS ENGAGED						SALARIES AND WAGES [1]					Cost of materials, supplies, containers, fuel, electric energy, and work done outside the plant [1]	Value of products [1]	Value added by manufacture [3]
		Total	Proprietors and partners	Salaried employees			Wage earners (average for year) [2]	Total	Salaries			Wages			
				Salaried officers	Supervisory employees	Clerical and other nonsupervisory employees			Officers	Supervisory employees	Clerical and other nonsupervisory employees				
All groups, total	**474**	**[4] 19,518**	**320**	**135**	**657**	**1,404**	**[4] 17,002**	**$15,319,005**	**$442,039**	**$1,790,316**	**$1,628,339**	**$11,458,311**	**$75,651,675**	**$134,005,264**	**$58,353,589**
$2,000 to $4,999	83	168	86	4	4	5	69	39,473	1,710	2,746	1,906	33,111	140,096	282,364	142,268
$5,000 to $19,999	166	770	133	23	20	76	518	420,449	40,230	24,355	45,704	310,160	833,944	1,722,107	888,163
$20,000 to $99,999	132	1,755	90	59	71	141	1,394	1,445,573	125,509	131,050	127,019	1,061,995	2,855,460	5,787,609	2,932,149
$100,000 to $499,999	39	1,731	11	29	89	230	1,372	1,809,866	110,130	236,750	273,536	1,189,450	4,665,915	8,708,009	4,042,094
$500,000 to $999,999	23	2,373		14	105	224	2,030	2,253,955	106,769	321,322	366,091	1,459,773	9,937,329	17,475,003	7,537,674
$1,000,000 and over	31	12,723		6	368	728	11,621	9,349,689	57,691	1,074,093	814,083	7,403,822	57,218,931	100,030,172	42,811,241

[1] See GENERAL EXPLANATIONS—Profits and production costs.
[2] See GENERAL EXPLANATIONS—Wage earners and wages.
[3] Value of products less cost of materials, supplies, containers, fuel, electric energy, and work done outside the plant.
[4] Each of the averages in the "Wage earners" column is correct to the nearest unit, despite the fact that the averages for the several size groups do not add exactly to the average for all size groups.

TABLE 8.—SIZE OF ESTABLISHMENTS—NUMBER OF ESTABLISHMENTS, BY WAGE-EARNER GROUPS, BY INDUSTRIES: 1939

[See Introduction, p. 1117]

	Total, all size groups	ESTABLISHMENTS EMPLOYING— No wage earners	1 to 5 wage earners	6 to 20 wage earners	21 to 50 wage earners	51 to 100 wage earners	101 to 250 wage earners	251 to 500 wage earners	501 wage earners and over
All industries, total:									
Number of establishments	474	74	182	133	30	22	21	8	4
Wage earners employed (average for year) [1]	17,002		446	1,437	1,012	1,635	3,269	2,476	6,727
NUMBER OF ESTABLISHMENTS, BY INDUSTRIES									
Food and kindred products:									
Bakery products	76	11	40	21	3		1		
Beverages, alcoholic	9		1	4	2	2			
Beverages, nonalcoholic	27	6	14	6	1				
Butter and cheese	3		3						
Cane sugar	35			1	3	14	13	4	
Coffee deparchmentizing	9	1	7		1				
Confectionery products	9	2	6	1					
Fruit canning and preserving, total	18	1	5	3	1		1	3	4
Canned pineapple and pineapple juice	9				1		1	3	4
Jellies, preserves, etc	9	1	5	3					
Ice cream	10		3	6	1				
Ice, manufactured	6		3	1	2				
Macaroni and noodles	8	3	4	1					
Meat packing and sausage manufacturing	6		2	3	1				
Native foods, total	56	22	28	6					
Fish cakes	4		2	2					
Poi	34	9	21	4					
Sugar and rice cakes	8	5	3						
Tofu	10	8	2						
Pickled fruits and vegetables; vegetable sauces	6	3	3						
Potato chips; taro chips	6		5	1					
Boat building and repairing	5		1	2	1		1		
Chemicals and fertilizers	6		2	1	2	1			
Clothing, men's (including shirts) and women's	16	1	2	8	3	2			
Concrete products; stone products; lime; pottery	7			5	2				
Footwear	6	1	2	3					
Furniture	12		7	5					
Iron castings; steel products; machine-shop products	7		1	5	1				
Jewelry; silverware; electroplating	8	1	6	1					
Mattresses and bedsprings	5		3	2					
Paper goods	5	1	2	1	1				
Picture frames; Venetian blinds	4		1	3					
Planing-mill products	10			8	2				
Printing, publishing, and allied activities	56	14	14	23	1	2	2		
Signs, neon	3		3						
Soap	3	1	2						
Tin cans	7	1	2	2	1		1		
Wood products, not elsewhere classified	8	1	2	4	1				
Other industries	22	4	8	6		1	2	1	

[1] See GENERAL EXPLANATIONS—Wage earners and wages.

TABLE 9.—SIZE OF ESTABLISHMENTS—NUMBER OF ESTABLISHMENTS, BY VALUE-OF-PRODUCTS GROUPS, BY INDUSTRIES: 1939

[See Introduction, p. 1117]

	Total, all groups	VALUE-OF-PRODUCTS GROUPS $2,000 to $4,999	$5,000 to $19,999	$20,000 to $49,999	$50,000 to $99,999	$100,000 to $499,999	$500,000 to $999,999	$1,000,000 and over
All industries, total:								
Number of establishments	474	83	166	90	42	39	23	31
Value of products	$134,005,264	$282,364	$1,722,107	$2,827,678	$2,959,931	$8,708,009	$17,475,003	$100,030,172
NUMBER OF ESTABLISHMENTS, BY INDUSTRIES								
Food and kindred products:								
Bakery products	76	12	31	19	10	3	1	
Beverages, alcoholic	9		2	1	1	4	1	
Beverages, nonalcoholic	27	6	13	3	3	2		
Cane sugar	35					5	11	19
Coffee deparchmentizing	9		2	4	1	2		
Confectionery products	9	4	4	1				
Fruit canning and preserving, total	18	1	6	1	2			8
Canned pineapple and pineapple juice	9				1			8
Jellies, preserves, etc	9	1	6	1	1			
Ice cream	10		1	2	4	2	1	
Ice, manufactured	6	2	1	1	1	1		
Macaroni and noodles	8	2	5	1				

TABLE 9.—SIZE OF ESTABLISHMENTS—NUMBER OF ESTABLISHMENTS, BY VALUE OF PRODUCTS GROUPS BY INDUSTRIES: 1939—Continued

[See Introduction, p. 1117]

	Total, all groups	VALUE-OF-PRODUCTS GROUPS						
		$2,000 to $4,999	$5,000 to $19,999	$20,000 to $49,999	$50,000 to $99,999	$100,000 to $499,999	$500,000 to $999,999	$1,000,000 and over
Food and kindred products—Continued.								
Native foods, total	56	21	27	6	2			
Fish cakes	4		2	1	1			
Poi	34	12	18	3	1			
Sugar and rice cakes	8		6	2				
Tofu	10	9	1					
Pickled fruits and vegetables; vegetable sauces	6	3	3					
Potato chips; taro chips	6	2	4					
Chemicals and fertilizers	6			1	2	1	2	
Clothing, men's (including shirts) and women's	16	2	4	5	2	3		
Concrete products; stone products; lime; pottery	7		1	1	2	3		
Footwear	6	1	3	2				
Furniture	12	2	4	5	1			
Iron castings; steel products; machine-shop products	7		2	4		1		
Jewelry; silverware; electroplating	8		7	1				
Mattresses and bedsprings	5		2	3				
Picture frames; Venetian blinds	4	1		1	2			
Planing-mill products	10			6	2	2		
Printing, publishing, and allied activities	56	12	23	9	6	3	2	1
Signs, neon	3		2	1				
Soap	3		3					
Wood products, not elsewhere classified	8	3	3	2				
Other industries	48	9	13	10	1	7	5	3

TABLE 10.—SIZE OF ESTABLISHMENTS—NUMBER OF ESTABLISHMENTS, VALUE-ADDED-BY-MANUFACTURE GROUPS, BY INDUSTRIES: 1939

[See Introduction, p. 1117]

	Total, all groups	VALUE-ADDED-BY-MANUFACTURE GROUPS								
		Under $5,000	$5,000 to $9,999	$10,000 to $19,999	$20,000 to $49,999	$50,000 to $99,999	$100,000 to $199,999	$200,000 to $499,999	$500,000 to $999,999	$1,000,000 and over
All industries, total:										
Number of establishments	474	180	82	62	55	25	17	27	16	10
Value added by manufacture	$58,353,589	$458,993	$584,245	$890,170	$1,694,704	$1,728,110	$2,521,508	$8,774,420	$11,336,770	$30,364,669
NUMBER OF ESTABLISHMENTS, BY INDUSTRIES										
Food and kindred products:										
Bakery products	76	32	13	16	11	3		1		
Beverages, alcoholic	9	1	1	1	1		3	1	1	
Beverages, nonalcoholic	27	11	8	2	3	2	1			
Cane sugar	35					2	4	15	9	5
Coffee deparchmentizing	9	7	1		1					
Confectionery products	9	6	2	1						
Fruit canning and preserving, total	18	5	2	1	2				4	4
Canned pineapple and pineapple juice	9				1				4	4
Jellies, preserves, etc	9	5	2	1	1					
Ice cream	10		2	1	3	3		1		
Ice, manufactured	6	2	1	1		2				
Macaroni and noodles	8	6	1	1						
Native foods, total	56	41	8	5	2					
Fish cakes	4		2	2						
Poi	34	26	3	3	2					
Sugar and rice cakes	8	6	2							
Tofu	10	9	1							
Pickled fruits and vegetables; vegetable sauces	6	5	1							
Potato chips; taro chips	6	5		1						
Chemicals and fertilizers	6			2	1		3			
Clothing, men's (including shirts) and women's	16	3	4	4	4	1				
Concrete products; stone products; lime; pottery	7		1	1	1	3	1			
Footwear	6	4	1	1						
Furniture	12	5	1	4	2					
Iron castings; steel products; machine-shop products	7	2	1		3		1			
Jewelry; silverware; electroplating	8	2	4	1	1					
Mattresses and bedsprings	5	2	2	1						
Picture frames; Venetian blinds	4	1	1		2					
Planing-mill products	10			4	5		1			
Printing, publishing, and allied activities	56	19	11	10	6	4	2	2	2	
Signs, neon	3	1	1	1						
Soap	3	3								
Wood products, not elsewhere classified	8	4	2	1	1					
Other industries	48	13	13	2	6	5	1	7		1

TABLE 11.—TYPE OF OWNERSHIP OR CONTROL—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS UNDER CORPORATE OR OTHER FORM OF OWNERSHIP OR CONTROL, BY INDUSTRIES: 1939

[See Introduction, p. 1117]

INDUSTRY AND FORM OF ORGANIZATION	Number of establishments	Wage earners (average for year) [1]	Value of products	Value added by manufacture
All industries, total	**474**	**17,002**	**$134,005,264**	**$58,353,589**
Corporations	190	15,847	128,922,046	56,009,523
Individual proprietorships	253	994	4,288,782	1,985,908
Partnerships	26	152	703,569	330,827
Other	5	12	90,867	27,331
Food and kindred products: [2]				
Bakery products, total	76	534	2,949,064	1,323,606
Corporations	17	325	1,707,999	806,880
Individual proprietorships	51	172	1,001,293	399,207
Partnerships	7	[3] 37	239,772	117,519
Other	1			
Beverages, alcoholic, total	9			
Corporations	8	[3] 254	2,118,907	1,413,713
Individual proprietorships	1			
Beverages, nonalcoholic, total	27	121	816,235	459,933
Corporations	12	95	654,043	379,765
Individual proprietorships	15	26	162,192	80,168
Confectionery products, total	9			
Individual proprietorships	8	[3] 25	98,354	42,178
Partnerships	1			
Cane sugar, total	35			
Corporations	35	4,371	49,250,987	18,768,555
Coffee deparchmentizing, total	9	39	464,321	62,899
Corporations	4	36	209,107	40,052
Individual proprietorships	4	[3] 3	255,214	22,847
Other	1			
Fruit canning and preserving, total	18	7,949	48,692,282	24,142,866
Corporations	12	7,934	48,646,874	24,123,279
Individual proprietorships	5	[3] 15	45,408	19,587
Partnerships	1			
Canned pineapple and pineapple juice, total	9			
Corporations	9	7,900	48,540,806	24,078,701
Jellies, preserves, etc., total	9	49	151,476	64,165
Corporations	3	34	106,068	44,578
Individual proprietorships	5	[3] 15	45,408	19,587
Partnerships	1			
Ice cream, total	10	111	1,262,777	664,623
Corporations	6	80	1,128,478	605,384
Individual proprietorships	4	31	134,299	59,239
Ice, manufactured, total	6			
Corporations	6	66	228,642	185,702
Macaroni and noodles, total	8	26	86,067	45,564
Individual proprietorships	5	4	32,322	14,422
Corporations	2	[3] 22	53,745	31,142
Partnerships	1			
Native foods, total	56	121	599,010	267,149
Individual proprietorships	46	91	376,297	187,511
Corporations	1	[3] 30	222,713	79,638
Partnerships	8			
Other	1			
Fish cakes, total	4			
Individual proprietorships	3	[3] 26	110,005	42,084
Partnerships	1			
Poi, total	34	86	343,561	170,278
Individual proprietorships	28	69	238,777	128,205
Corporations	1	[3] 17	104,784	42,073
Partnerships	4			
Other	1			
Sugar and rice cakes, total	8	4	105,136	36,411
Individual proprietorships	5	4	37,893	13,975
Partnerships	3	--------	67,243	22,436
Tofu, total	10			
Individual proprietorships	10	5	40,308	18,376
Food and kindred products—Continued.				
Pickled fruits and vegetables; vegetable sauces, total	6			
Individual proprietorships	6	4	$38,224	$21,834
Potato chips; taro chips, total	6			
Individual proprietorships	6	17	45,372	21,751
Chemicals and fertilizers, total	6			
Corporations	5	[3] 189	2,160,108	634,814
Individual proprietorships	1			
Clothing, men's (including shirts) and women's, total	16	303	777,089	298,010
Individual proprietorships	12	144	328,276	136,788
Corporations	3	[3] 159	448,813	161,222
Partnerships	1			
Concrete products; stone products; lime; pottery, total	7			
Corporations	6	[3] 122	810,871	370,725
Individual proprietorships	1			
Footwear, total	6			
Corporations	1	[3] 34	88,929	33,751
Individual proprietorships	5			
Furniture, total	12			
Corporations	2	[3] 71	243,247	145,296
Individual proprietorships	9			
Partnerships	1			
Iron castings; steel products; machine-shop products, total	7			
Corporations	3	[3] 95	358,163	209,455
Individual proprietorships	3			
Partnerships	1			
Jewelry; silverware; electroplating, total	8			
Corporations	2	[3] 28	106,419	84,662
Individual proprietorships	6			
Mattresses and bedsprings, total	5			
Individual proprietorships	5	18	94,605	37,928
Picture frames; Venetian blinds, total	4			
Individual proprietorships	3	[3] 36	155,984	73,412
Partnerships	1			
Planing-mill products, total	10	161	824,498	361,940
Corporations	7	137	710,184	316,600
Individual proprietorships	3	24	114,314	45,340
Printing, publishing, and allied activities, total	56	783	4,147,337	3,183,361
Corporations	30	628	3,700,261	2,851,823
Individual proprietorships	23	146	415,633	305,379
Partnerships	2	[3] 9	31,443	26,159
Other	1			
Signs, neon, total	3			
Corporations	2	[3] 7	45,766	26,238
Individual proprietorships	1			
Soap, total	3			
Individual proprietorships	3	3	20,347	11,755
Wood products, not elsewhere classified, total	8			
Corporations	2	[3] 95	108,576	71,211
Individual proprietorships	6			
Other industries, total	48	1,422	17,413,083	5,390,658
Corporations	24	1,331	16,973,037	5,175,467
Individual proprietorships	21	85	416,727	205,385
Partnerships	2	[3] 6	23,319	9,806
Other	1			

[1] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several subgroups do not, in all cases, add exactly to the totals for each industry, or to that for the entire area.
[2] See footnote 6, table 2.
[3] Combined to avoid disclosing exact or approximate data for individual establishments or companies.

TABLE 12.—NUMBER OF ESTABLISHMENTS OPERATED BY INDIVIDUAL PROPRIETORS AND BY PARTNERS, BY RACE AND CITIZENSHIP OF OPERATOR, BY INDUSTRIES: 1939

INDUSTRY	Total	ESTABLISHMENTS OPERATED BY— Hawaiians		Part-Hawaiians		Caucasians		Chinese		Japanese		Other races (Filipino and Korean)	
		Citizens	Noncitizens	Citizens	Noncitizens	Citizens	Noncitizens	Citizens	Noncitizens	Citizens	Noncitizens	Citizens	Noncitizens
All industries, total	279	2		11		51	2	32	24	38	112	1	6
Food and kindred products [1]													
Bakery products	28			2		11		5	3	13	23		1
Beverages, alcoholic	1					1							
Beverages, nonalcoholic	15	1						2		2	10		
Coffee, deparchmentizing	4								1		3		
Confectionery products	9					1				1	7		
Fruit canning and preserving, jellies, preserves, etc.	6			1				2			3		
Ice cream	4					1				2	1		
Macaroni and noodles	6							1		2	3		
Native foods, total	54	1		6		1		6	13	4	23		
Fish cakes	4									1	3		
Poi	32	1		6		1		3	13	2	6		
Sugar and rice cakes	8							3			5		
Tofu	10									1	9		
Pickled fruits and vegetables vegetable sauces	6									1	5		
Potato chips; taro chips	6					1		3	1	1			
Chemicals and fertilizers	1					1							
Clothing, men's (including shirts and women's	13					6		3		1	3		
Concrete products; stone products, lime, pottery	1					1							
Footwear	5								1	1	3		
Furniture	10					2	1			1	4		2
Iron castings; steel products; machine-shop products	4					1		1		1	1		
Jewelry, silverware; electroplating	6					3		1	1	1			
Mattresses and bed springs	5										4	1	
Picture frames; Venetian blinds	4					3			1				
Planing-mill products	3									2	1		
Printing, publishing, and allied activities	25					10	1	3	1	2	5		3
Signs, neon	1							1					
Soap	3					1					2		
Wood products, not elsewhere classified	6			2				3		1			
Other industries	23					7		1	2	2	11		

[1] See footnote 6, table 2.

TABLE 13.—PRODUCTS OF MANUFACTURING INDUSTRIES, BY KIND AND VALUE: 1939

[The figures in this table include, in some cases, data for the values of the specified commodities made as secondary products in industries other than those in which they are made as primary products; and in such cases the figures necessarily differ from those for the values of products of the corresponding industries, as given in table 2. See Introduction, p. 1117]

PRODUCTS	Value
Total	$134,005,264
Beverages, alcoholic	2,024,617
Beverages, nonalcoholic	826,701
Bagasse for sale	20,102
Bakery products [1]	2,949,064
Cane sugar, raw	45,060,013
Cane sugar, refined (granulated and clarified)	3,475,802
Chemicals and fertilizers	2,112,276
Clothing, men's (including shirts) and women's	777,056
Coffee, deparchmentized	455,907
Concrete products, lime, and stone products	858,673
Confectionery products	98,354
Footwear	87,802
Furniture, total	220,780
Furniture, household, except upholstered	26,469
Furniture, upholstered	102,558
Furniture and fixtures, office and store	91,753
Ice	334,329
Ice cream	1,205,802
Iron castings; steel products; and machine-shop products	325,220
Jams, jellies, and juices other than pineapple juice	151,516
Jewelry	66,440
Macaroni and noodles	86,067
Mattresses and bedsprings	115,207
Molasses, blackstrap	$297,421
Molasses, other than blackstrap	254,603
Native foods, total	597,270
Chinese candy and preserves	22,543
Chinese and Japanese cakes	56,126
Fish cakes	110,005
Poi	343,561
Sugar and rice cakes	24,947
Tofu	40,088
Neon signs	36,124
Pickled fruits, vegetables, and sauces	38,224
Picture frames and Venetian blinds	155,684
Pineapple, crushed	9,247,097
Pineapple, sliced	22,996,916
Pineapple juice	16,010,616
Planing-mill products	728,356
Potato chips	45,372
Printing, publishing, and allied activities—receipts [2]	4,147,337
Soap	20,347
Sirup	30,780
Wood products, not elsewhere classified	108,576
Values combined to avoid disclosing data for individual establishments or companies	16,842,839
Products not reported separately	1,195,964

[1] See table 15, p. 1137.

[2] See table 16, p. 1137.

TABLE 14.—INVENTORY—NUMBER OF ESTABLISHMENTS REPORTING, VALUE OF INVENTORIES OF FINISHED PRODUCTS, AND VALUE OF PRODUCTS, BY INDUSTRIES: 1939

[See Introduction, p. 1117]

INDUSTRY	NUMBER OF ESTABLISHMENTS		INVENTORY						VALUE OF PRODUCTS	
			Beginning of year			End of year				
	Total	Reporting inventories [1]	Total	Finished products	Materials, supplies, fuel, work in process, etc.	Total	Finished products	Materials, supplies, fuel, work in process, etc.	Total	For establishments reporting inventories [2]
All industries, total	474	464	$22,894,666	$17,223,415	$5,671,251	$19,729,624	$14,063,172	$5,666,452	$134,005,264	$133,769,300
Food and kindred products:										
Bakery products	76	76	115,300	19,159	96,141	161,722	34,265	127,457	2,949,064	2,949,064
Beverages, alcoholic	9	9	280,126	40,009	240,117	309,509	37,437	272,072	2,118,907	2,118,907
Beverages, nonalcoholic	27	27	44,447	4,268	40,179	47,054	4,315	42,739	816,235	816,235
Cane sugar	35	35	1,612,575	----------	1,612,575	1,391,490	----------	1,391,490	49,250,987	49,250,987
Coffee deparchmentizing	9	9	62,450	60,516	1,934	54,821	53,912	909	464,321	464,321
Confectionery products	9	9	8,526	2,414	6,112	8,523	2,415	6,108	98,354	98,354
Fruit canning and preserving, total	18	18	15,962,094	14,221,944	1,740,150	13,390,618	11,772,683	1,617,935	48,692,282	48,692,282
Canned pineapple and pineapple juice	9	9	15,915,662	14,182,918	1,732,744	13,344,709	11,735,273	1,609,436	48,540,806	48,540,806
Jellies, preserves, etc	9	9	46,432	39,026	7,406	45,909	37,410	8,499	151,476	151,476
Ice cream	10	10	133,112	27,450	105,662	76,426	26,666	49,760	1,262,777	1,262,777
Ice, manufactured	6	6	1,086	691	395	1,082	938	144	228,642	228,642
Macaroni and noodles	8	8	2,737	984	1,753	4,065	2,347	1,718	86,067	86,067
Native foods, total	56	56	9,945	114	9,831	11,031	60	10,971	599,010	599,010
Fish cakes	4	4	4,364	----------	4,364	5,046	----------	5,046	110,005	110,005
Poi	34	34	2,482	94	2,388	3,550	49	3,501	343,561	343,561
Sugar and rice cakes	8	8	2,754	10	2,744	2,077	5	2,072	105,136	105,136
Tofu	10	10	345	10	335	358	6	352	40,308	40,308
Pickled fruits and vegetables, and vegetable sauces	6	6	1,251	217	1,034	1,172	206	966	38,224	38,224
Potato chips; taro chips	6	6	1,802	12	1,790	1,639	23	1,616	45,372	45,372
Chemicals and fertilizers	6	6	1,111,042	1,079,279	31,763	1,061,801	1,013,444	48,357	2,160,108	2,160,108
Clothing, men's (including shirts) and women's	16	8	66,758	32,093	34,665	75,195	34,660	40,535	777,089	577,873
Concrete products; stone products; lime; pottery	7	7	162,818	56,280	106,538	145,480	61,429	84,051	810,871	810,871
Footwear	6	6	12,020	4,286	7,734	12,739	5,422	7,317	88,929	88,929
Furniture	12	12	32,803	13,614	19,189	37,330	25,621	11,709	243,247	243,247
Iron castings; steel products; machine-shop products	7	7	19,403	172	19,231	18,721	4	18,717	358,163	358,163
Jewelry; silverware; electroplating	8	8	7,817	2,136	5,681	6,907	2,324	4,583	106,419	106,419
Mattresses and bedsprings	5	5	8,156	465	7,691	5,220	486	4,734	94,605	94,605
Picture frames; Venetian blinds	4	4	11,504	5,421	6,083	14,596	5,741	8,855	155,984	155,984
Planing-mill products	10	10	282,143	506	281,637	360,889	495	360,394	824,498	824,498
Printing, publishing, and allied activities	56	56	142,290	14,944	127,346	152,272	15,730	136,542	4,147,337	4,147,337
Signs, neon	3	3	3,613	----------	3,613	4,010	----------	4,010	45,766	45,766
Soap	3	3	2,032	1,082	950	1,886	1,307	579	20,347	20,347
Wood products, not classified elsewhere	8	8	28,571	7,886	20,685	27,776	9,207	18,569	108,576	108,576
Other industries	48	46	2,768,245	1,627,473	1,140,772	2,345,650	952,035	1,393,615	17,413,083	17,376,341

[1] Includes establishments reporting no inventories on hand.

[2] Includes value of products of establishments reporting no inventories on hand.

TABLE 15.—PRODUCTS, BY KIND AND VALUE, FOR BAKERY PRODUCTS INDUSTRY: 1939

[See Introduction, p. 1117]

Bakery Products industry, all products, total value	$2,949,064
Bread and other bakery products	2,883,748
Other products (not classified in this industry)	[1] 65,316
Bread and other bakery products, except biscuit, crackers, etc., total	2,241,517
Bread and other yeast-raised products	1,358,127
Cakes	147,321
Pastries	472,327
Pies	11,344
Not reported separately	252,398
Biscuit, crackers, etc., total	642,231
Biscuit and crackers	584,708
Cookies, ice-cream cones, and ice-cream wafers	57,523

[1] Macaroni, $14,273; candy, $24,000; other products, $27,043.

TABLE 16.—PRODUCTS AND RECEIPTS, BY KIND AND VALUE, FOR PRINTING, PUBLISHING, AND ALLIED ACTIVITIES: 1939

[See Introduction, p. 1117]

Total	$4,147,337
Newspapers, publishing, and printing, total	2,064,714
Daily [1]:	
Subscriptions and sales	693,631
Advertising	1,238,011
Triweekly and semiweekly [2]:	
Subscriptions and sales	24,204
Advertising	60,489
Weekly [3]:	
Subscriptions and sales	10,387
Advertising	37,992
Newspapers, publishing without printing, total	43,623
Weekly [4]:	
Subscriptions and sales	19,300
Advertising	24,323
Periodicals, publishing with and without printing, total [5]	68,050
Subscriptions and sales	21,707
Advertising	46,343
Job printing, books, lithographing, and photoengraving, total	1,970,950

[1] 4 in Hilo; 4 in Honolulu. Figures include data for 1 weekly newspaper and 1 monthly periodical in Honolulu, reported in combination with 1 daily newspaper.
[2] 3 triweeklies in Honolulu; 3 semiweeklies in Wailuku.
[3] 2 in Lihue; 1 each in Hilo, Holuoloa, Kaloa, Paia, and Wailuku.
[4] 3 weeklies in Honolulu and 1 in Hilo.
[5] 1 quarterly in Honolulu; 1 bimonthly in Hilo; 1 monthly in Honolulu and 1 in Wailuku; 3, period of issue not reported in Honolulu.

Table 17. PRODUCTION OF CANNED PINEAPPLE AND PINEAPPLE JUICE: 1939

SIZE OF CAN	CASES		
	Pineapple		Pineapple juice
	Sliced	Crushed	
[illegible]	49,414	111,302	49,403
[illegible]	8,581	23,367	
[illegible]	299,453	101,598	665,406
[illegible]	149,340	41,448	711,665
[illegible]	35,890		
303			189,565
[illegible]	1,062,405	367,682	
2	1,109,672	776,156	3,236,372
[illegible]	78,459	33,331	64,132
[illegible]	73,425		
[illegible]	1,050,588		
[illegible]	2,913,823	380,350	19,391
10	1,414,151	1,248,051	514,550
Buffet	259,035	710,164	225,668
[illegible]			1,063,218
[illegible]			373,227

Table 18.—INVENTORY FOR THE FRUIT CANNING AND PRESERVING INDUSTRY AND FOR ITS BRANCHES—BEGINNING AND END OF YEAR: 1939

ITEM	VALUE			
	Beginning of year		End of year	
	Canned pineapple and juice, branch	Jellies, preserves, etc., branch	Canned pineapple and juice, branch [1]	Jellies, preserves, etc., branch
Finished products	$14,182,918	$39,026	$11,735,273	$37,410
Materials, supplies, fuel, work in process, and all other commodity inventories	1,732,744	7,406	1,609,436	8,499

[1] See footnote 10, table 2.

Table 19. PRODUCTION OF CANE SUGAR: 1930 TO 1939

[Figures for 1939 have been compiled from data collected in the Sixteenth Decennial Census, those for 1930 to 1938 are from "The World Sugar Situation," June 1941, published by the Bureau of Agricultural Economics, United States Department of Agriculture]

YEAR	TONS (2,000 LBS.)	
	Converted to 96° raw basis [1]	Equivalent refined [2]
1939 [3]	977,377	913,457
1938 [3]	941,293	879,732
1937 [3]	944,382	882,619
1936 [3]	1,042,316	974,149
1935 [3]	986,849	922,309
1934 [3]	959,337	896,596
1933 [4]	127,317	118,990
1933 [3]	1,063,605	994,045
1932 [5]	1,057,303	988,155
1931 [5]	1,018,047	951,467
1930 [5]	939,287	877,858

[1] Calculated by the Agricultural Adjustment Administration method (Sugar Regulations, series 1, No. 1).
[2] 1 ton of raw sugar 96° test is assumed to be equivalent to 0.9346 ton of refined.
[3] Year ended Dec. 31
[4] Oct. 1 to Dec. 31, 1933.
[5] Year ended Sept. 30.

Table 20.—SUGAR CANE CRUSHED, INVENTORY, AND CAPACITY OF MILLS: 1939

	Amount or value
Cane crushed, total tons (2,000 lbs.)	8,739,752
Cane grown do...	7,519,576
Cane purchased and cane crushed for others do...	1,220,176
Capacity of mills in tons of cane per day of 24 hours	48,070
Inventory—materials, supplies, fuel, work in process, and all other commodities.	
Jan. 1	$1,612,575
Dec. 31	$1,391,490

PUERTO RICO

ATLANTIC OCEAN
CARIBBEAN SEA
CULEBRA ISLAND
DEWEY
MUNA ISLAND
MUERTOS ISLAND
VIEQUES ISLAND
AGUADILLA
ISABELA
QUEBRADILLAS
CAMUY
HATILLO
ARECIBO
BARCELONETA
MANATÍ
VEGA BAJA
VEGA ALTA
DORADO
TOA BAJA
TOA ALTA
SAN JUAN
BAYAMÓN
GUAYNABO
RÍO PIEDRAS
TRUJILLO ALTO
CAROLINA
LOÍZA
RÍO GRANDE
LUQUILLO
FAJARDO
CEIBA
NAGUABO
GURABO
JUNCOS
LAS PIEDRAS
HUMACAO
YABUCOA
MAUNABO
PATILLAS
ARROYO
GUAYAMA
CAYEY
CAGUAS
AGUAS BUENAS
COMERÍO
CIDRA
AIBONITO
SAN LORENZO
BARRANQUITAS
NARANJITO
COROZAL
OROCOVIS
MOROVIS
CIALES
UTUADO
ADJUNTAS
JAYUYA
VILLALBA
COAMO
JUANA DÍAZ
PONCE
SANTA ISABEL
SALINAS
AGUIRRE
PEÑUELAS
GUAYANILLA
YAUCO
GUÁNICA
ENSENADA
LAJAS
SABANA GRANDE
SAN GERMÁN
CABO ROJO
HORMIGUEROS
MARICAO
LARES
SAN SEBASTIÁN
MOCA
AGUADA
AÑASCO
RINCÓN
LAS MARÍAS
MAYAGUEZ
SCALE
0 5 10 15 20 MILES
55 DISTRITOS SENATORIALES
Senatorial Districts

TABLE 1.—GENERAL STATISTICS FOR PUERTO RICO: 1939, 1919, AND 1909

[See Introduction, p. 1117, and also GENERAL EXPLANATIONS—Area and period covered, p. 1]

	1939	1919	1909	PERCENT OF CHANGE	
				1919-1939 (20-year period)	1909-1919 (10-year period)
Number of establishments	798	619	939	28.9	−34.1
Persons engaged in industry, total	26,711	18,451	18,122	44.7	1.8
Proprietors and partners	953	787	1,478	21.1	−46.8
Salaried employees, total	2,274	1,682	1,062	35.2	58.4
Salaried officers	277	791	308		156.8
Supervisory employees	522	(1)	(1)		
Clerical and other nonsupervisory employees	1,475	891	754	65.5	18.2
Wage earners (average for year) [2]	23,484	15,985	15,582	46.9	2.6
Male (as reported for October)	14,427	(3)	(3)		
Female (as reported for October)	6,417	(3)	(3)		
Salaries and wages, total [4]	$12,675,698	$9,104,465	$4,898,228	39.2	85.9
Salaries, total	3,455,447	2,338,861	1,259,032	47.7	85.8
Officers	954,688	1,553,119	564,746		175.0
Supervisory employees	1,167,341	(1)	(1)		
Clerical and other nonsupervisory employees	1,333,418	785,742	694,286	69.7	13.2
Wages	9,220,251	6,765,604	3,639,196	36.3	85.9
Cost of materials, supplies, containers, fuel, electric energy, and work done outside the plant [4]	76,280,773	59,985,058	21,500,618	27.2	179.0
Value of products [5]	111,499,641	85,506,834	36,749,742	30.4	132.7
Value added by manufacture [5]	35,218,868	25,521,776	15,249,124	38.0	67.4

[1] Included in figures for salaried officers.
[2] See GENERAL EXPLANATIONS—Wage earners and wages.
[3] No data.
[4] See GENERAL EXPLANATIONS—Profits and production costs.
[5] Value of products less cost of materials, supplies, containers, fuel, electric energy, and work done outside the plant.

TABLE 2.—GENERAL STATISTICS, BY INDUSTRIES: 1939, 1919, AND 1909

[See Introduction, p. 1117, and also GENERAL EXPLANATIONS—Area and period covered, p. 1]

INDUSTRY	Census year	Number of establishments	PERSONS ENGAGED: Total	Proprietors and partners	Salaried employees: Total	Salaried officers	Supervisory employees	Clerical and other nonsupervisory employees	Wage earners (average for year)[2]	SALARIES AND WAGES[1]: Total	Salaries: Total	Officers	Supervisory employees	Clerical and other nonsupervisory employees	Wages	Cost of materials, supplies, containers, fuel, electric energy, and work done outside the plant[1]	Value of products	Value added by manufacture[3]
All industries, total	1939	798	26,711	953	2,274	277	522	1,475	23,484	$12,675,698	$3,455,447	$954,688	$1,167,341	$1,333,418	$9,220,251	$76,280,773	$111,499,641	$35,218,868
	[4]1919	619	18,454	787	1,682	791	(5)	891	15,985	9,104,465	2,338,861	1,553,119	(5)	785,742	6,765,604	59,985,058	85,506,834	25,521,776
	[4]1909	939	18,122	1,478	1,062	308	(5)	754	15,582	4,898,228	1,259,032	564,746	(5)	694,286	3,639,196	21,500,618	36,749,742	15,249,124
Percent of change (20-yr. period)	1919–1939	28.9	44.7	21.1	35.2	----	---	65.5	46.9	39.2	47.7	----	----	69.7	36.3	27.2	30.4	38.0
Percent of change (10-yr. period)	1909–1919	-34.1	1.8	-46.8	58.4	156.8	---	18.2	2.6	85.9	85.8	175.0	----	13.2	85.9	179.0	132.7	67.4
Food and kindred products:[6]																		
Bakery products, total	1939	219	1,857	293	94	6	3	85	1,470	582,463	51,890	6,795	4,262	40,833	530,573	1,853,111	[7]3,067,773	1,214,662
	1919	152	1,236	191	165	48	(5)	117	880	639,296	125,156	53,214	(5)	71,942	514,140	3,426,050	4,761,192	1,335,142
	1909	258	1,637	401	39	13	(5)	26	1,197	377,480	11,373	4,947	(5)	6,426	366,107	1,173,745	1,729,886	556,141
Bread and other bakery products, except crackers	1939	212	1,497	275	79	4	3	72	1,143	502,843	42,714	4,853	4,262	33,599	460,129	1,614,952	2,636,533	1,021,581
Crackers	1939	7	360	18	15	2	----	13	327	79,620	9,176	1,942	----	7,234	70,444	238,159	431,240	193,081
Beverages, nonalcoholic	1939	10	123	12	18	2	---	16	93	45,846	15,144	3,840	----	11,304	30,702	145,466	277,014	131,548
	1919	11	101	32	13	7	(5)	6	56	32,569	11,830	7,767	(5)	4,063	20,739	49,647	134,402	84,755
Candy, chocolate and cocoa	1939	6	75	29	4	1	----	3	42	12,520	1,900	1,300	----	600	10,620	79,546	108,559	29,013
	1909	4	24	10	2	1	(5)	1	12	4,002	916	500	(5)	416	3,086	26,814	39,969	13,155
Cane sugar—except refineries[8]	1939	40	8,740	63	912	72	336	504	7,765	6,290,487	1,788,674	367,554	836,134	584,986	4,501,813	38,880,800	55,377,402	16,496,602
	1919	55	8,466	64	912	422	(5)	490	7,490	4,422,629	1,590,607	1,112,944	(5)	477,663	2,832,022	40,139,359	56,411,932	16,272,573
	1909	108	5,898	246	590	138	(5)	452	5,062	2,175,443	947,858	410,065	(5)	537,793	1,227,585	12,280,994	20,569,348	8,288,354
Cane-sugar refining[8]	1939	4	1,971	----	78	7	26	45	1,893	365,754	126,441	15,688	60,414	50,339	239,313	10,340,938	12,510,477	2,169,539
Canned fruits and vegetables	1939	5	313	1	8	2	4	2	304	45,517	10,085	3,480	5,345	1,260	35,432	135,375	239,149	103,774
	1909	4	57	5	4	2	(5)	2	48	6,161	1,330	1,093	(5)	237	4,831	26,930	38,003	11,073
Cheese	1939	3	12	3	----	----	----	----	9	3,020	----	----	----	----	3,020	36,795	48,958	12,163
Corn meal	1939	4	13	4	1	----	1	----	8	2,690	510	----	510	----	2,180	21,991	30,241	8,250
	1919	10	29	15	3	----	----	3	11	7,045	1,960	----	----	1,960	5,085	84,558	115,916	31,358
	1909	5	11	7	----	----	----	----	4	597	----	----	----	----	597	9,017	12,401	3,384
Ice cream and ices	1939	6	36	8	1	----	----	1	27	12,440	480	----	----	480	11,960	43,584	70,927	27,343
Ice, manufactured	1939	25	349	28	36	2	16	18	285	141,128	33,189	4,300	19,240	9,649	107,939	118,697	500,765	382,068
	1919	13	123	15	22	11	(5)	11	86	68,664	32,782	17,461	(5)	15,321	35,882	86,112	248,889	162,777
	1909	6	60	6	16	8	(5)	8	38	20,979	11,014	7,828	(5)	3,186	9,965	29,427	99,927	70,500
Liquors, distilled	1939	9	399	10	49	10	4	35	340	243,957	91,262	38,483	7,510	45,269	152,695	930,927	1,918,934	988,007
	1909	14	135	61	16	5	----	11	58	30,891	15,020	6,620	----	8,400	15,871	144,129	1,117,084	972,955
Liquors, rectified or blended	1939	28	443	40	87	17	5	65	316	173,415	83,661	34,187	8,045	41,429	89,754	1,550,465	2,198,363	647,898
Vermicelli, soup paste, and noodles	1939	8	189	17	18	1	10	7	154	105,947	36,791	3,120	29,400	4,271	69,156	249,382	420,844	171,462
Wines	1939	4	47	3	1	----	----	1	43	8,650	624	----	----	624	8,026	25,932	46,137	20,205
Caskets	1939	6	14	6	----	----	----	----	8	2,568	----	----	----	----	2,568	6,439	16,735	10,296
Drugs and medicines	1939	13	103	10	29	10	----	19	64	40,796	21,771	13,183	----	8,588	19,025	91,771	180,504	88,733
	1919	10	43	12	11	6	----	5	20	13,776	6,443	5,958	----	485	7,333	116,479	193,181	76,702
Fertilizers	1939	8	289	1	53	9	8	36	235	240,016	132,224	66,100	27,759	38,365	107,792	3,163,761	3,863,043	699,282
Furniture and showcases:																		
Household furniture	1939	40																
Mattresses	1939	2	[9]786	61	38	4	3	31	687	199,073	27,524	4,941	5,252	17,331	171,549	379,336	744,202	364,866
Office furniture	1939	1																
Showcases	1939	2																
Leather and leather goods:																		
Footwear, except rubber	1939	9																
Leather, tanned	1939	1	[9]68	12	3	----	2	1	53	18,034	2,144	----	1,520	624	15,890	54,899	98,930	44,031
Saddlery	1939	1																
Other leather goods	1939	1																
	1919	31	184	36	8	3	----	5	140	72,799	5,244	3,336	----	1,908	67,555	185,878	326,595	140,717
	1909	66	447	81	8	5	----	3	358	78,827	6,288	4,938	----	1,350	72,539	191,229	370,463	179,234
Lime	1939	8	116	8	18	----	5	13	90	40,062	12,359	----	4,368	8,491	27,203	62,407	150,777	88,370
	1919	19	79	15	2	2	(5)	----	62	19,790	716	300	(5)	416	19,074	21,159	58,014	36,855
	1909	12	43	15	----	----	(5)	----	28	2,842	----	----	(5)	----	2,842	7,812	14,149	6,337
Machinery	1939	6	541	8	58	4	13	41	475	415,862	143,890	21,200	57,435	65,255	271,972	488,548	1,146,696	658,148
Metal products:																		
Aluminum products	1939	1																
Ornamental ironwork	1939	3																
Sheet-metal work	1939	3	[9]174	14	16	----	12	4	144	74,214	10,479	----	8,904	1,575	63,735	53,890	170,237	116,347
Tin cans	1939	3																
Watch parts	1939	1																
	[10]1919	5	304	12	21	1	(5)	20	271	221,616	29,006	3,000	(5)	26,006	192,610	388,077	749,268	361,191
	[10]1909	6	217	16	13	1	(5)	12	188	69,336	5,780	1,200	(5)	4,530	63,556	57,634	178,210	120,576
Needlework industries	1939	136	6,846	123	345	58	20	267	6,378	1,933,051	357,237	158,007	25,902	173,328	1,575,814	[11]13,323,273	[12]20,778,267	[12]7,454,994
Perfumes, cosmetics, and other toilet preparations	1939	13	101	16	11	----	----	11	74	24,481	4,791	----	----	4,791	19,690	141,850	234,978	93,128
Planing-mill products[14]	1939	12	133	12	11	3	1	7	110	72,383	17,252	10,800	1,040	5,412	55,131	129,285	258,390	129,105
	1909	8	171	26	22	6	(5)	16	123	52,742	12,746	5,376	(5)	7,370	39,996	178,418	268,719	90,301

See footnotes at end of table.

TABLE 2.—GENERAL STATISTICS, BY INDUSTRIES: 1939, 1919, AND 1909—Continued

INDUSTRY	Census year	Number of establishments	PERSONS ENGAGED: Total	Proprietors and partners	Salaried employees: Total	Salaried officers	Salaried supervisory employees	Salaried clerical and other nonsupervisory employees	Wage earners average for year [2]	SALARIES AND WAGES [1]: Total	Salaries: Total	Officers	Supervisory employees	Clerical and other nonsupervisory employees	Wages	Cost of materials, supplies, containers, fuel, electric energy, and work done outside the plant [1]	Value of products	Value added by manufacture [3]
Printing, publishing, and allied activities, total [12]	1939	59	885	54	177	30	31	116	654	$551,481	$222,264	$72,714	$42,376	$107,174	$329,217	$559,860	[16] $1,606,975	$1,047,115
	1919	35	453	33	109	41	.	68	311	283,618	96,518	55,639	.....	40,879	187,100	260,638	671,587	410,949
	1909	43	409	62	54	10	..	44	353	134,642	36,922	11,500	.....	25,422	97,720	146,772	370,559	223,787
Newspapers	1939	12	341	6	134	20	24	90	201	297,949	178,273	53,724	33,224	91,325	119,676	250,669	840,978	590,309
Periodicals	1939	5	63	3	10	3	2	5	50	45,510	10,389	5,550	1,632	3,207	35,121	51,626	131,252	79,626
Books	1939	1																
Job printing	1939	40	[9] 480	45	33	7	5	21	402	208,022	33,602	13,440	7,520	12,642	174,420	257,565	634,715	377,186
Photoengraving	1939	1																
Stone and clay products:																		
Floor and wall tiles (except quarry)	1939	9	137	8	12	2	1	9	117	54,366	8,624	3,018	1,040	4,566	45,742	58,898	132,365	73,467
Brick and hollow structural tile	1939	2																
Sewer pipe	1939	1	[9] 56	5	4	.	2	2	47	22,627	6,324	.....	3,100	3,224	16,303	36,270	122,258	85,988
Other concrete and stone products	1939	3																
	1919	8	34	12	1		.	1	21	7,015	244	....		244	6,771	5,242	30,063	24,821
Textile products and other fiber manufactures																		
Awnings	1939	1																
Hats, felt and linen	1939	2																
Hats, straw	1939	4	[9] 346	8	30	8	4	18	308	217,093	55,502	37,968	5,250	12,284	161,591	290,116	571,023	280,907
Hosiery, full-fashioned	1939	1																
Rugs, string	1939	1																
Rugs, wool	1939	1																
Tobacco products, total	1939	47	539	52	42	6	6	30	445	167,963	44,348	15,530	3,353	25,465	123,615	451,554	740,694	289,140
	1919	183	5,583	189	296	196	(8)	100	5,098	2,569,548	302,344	216,210	(8)	86,134	2,267,204	3,039,541	8,134,534	5,094,993
	1909	282	7,543	306	212	87	(8)	125	7,025	1,635,053	155,486	81,602	(8)	73,884	1,479,567	2,059,315	6,060,393	4,001,078
Cigars and cigarettes	1939	42	501	47	39	6	6	27	415	163,449	43,743	15,530	3,353	24,860	119,706	435,681	713,484	277,803
Tobacco, chewing and smoking	1939	5	38	5	3	.	..	3	30	4,514	605	.	.....	605	3,909	15,873	27,210	11,337
Other industries [9]	1939	[17] 26	1,011	44	120	23	9	88	847	567,794	147,563	72,480	9,182	65,901	420,231	2,575,607	3,868,024	1,292,417
	1919	87	1,821	163	119	53	(8)	66	1,539	746,100	136,011	77,290	(8)	58,721	610,089	12,182,318	13,671,261	1,488,943
	1909	123	1,410	236	86	32	(8)	54	1,088	309,233	54,299	29,077	(8)	25,222	254,934	5,168,382	5,880,631	712,249

[1] See GENERAL EXPLANATIONS—Profits and production costs.

[2] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries. See GENERAL EXPLANATIONS—Wage earners and wages.

[3] Value of products less cost of materials, supplies, containers, fuel, electric energy, and work done outside the plant.

[4] Figures include data for coffee cleaning and polishing, which is now treated as an agricultural activity and therefore was not covered by the 1939 Census of Manufactures.

[5] Included in figures for salaried officers.

[6] Except "Liquors, malt," and "Foods, miscellaneous." See footnote 17.

[7] The products, by kind and value, are bread, $2,246,745; biscuit and crackers, $492,169, pastries, $222,932, and bakery products not reported separately, $105,927.

[8] The figures for this industry do not include data for sugar-cane plantations. A preliminary report for this industry was issued July 23, 1940.

[9] Combined to avoid disclosing data for individual establishments or companies.

[10] Reported as "Foundry and machine-shop products."

[11] Estimated in part by use of ratios derived from reports made for corresponding classes of establishments operated in the United States.

[12] As part of the establishments engaged in contract work reported receipts for work done on materials owned by others, and part reported actual values of goods made, all returns have been converted to estimated value of products.

[13] This figure is inflated to the extent to which it includes amounts paid for outside work. See GENERAL EXPLANATIONS—Value added by manufacture.

[14] Products of planing mills not reported in conjunction with sawmills.

[15] Publications issued in 1939.

Daily newspapers—5 in San Juan; 1 each in Arecibo, Mayaguez, and Ponce.

Weekly newspapers—1 each in Cabo Rojo and Yauco.

Periodicals—3 weekly and 2 monthly in San Juan; 1 weekly and 1 fortnightly in Ponce.

[16] Subscriptions and sales: Newspapers, $390,005; periodicals, $62,223. Advertising: Newspapers, $401,858; periodicals, $78,918. Books, job printing, and photoengraving, $673,971.

[17] This item covers the following numbers of establishments reporting for the industries specified:

Bus bodies	1	Diamond cutting	1	Novelties, mahogany	1	Signs, neon	1
Buttons, pearl	2	Foods, miscellaneous	5	Oxcarts and truck bodies	1	Soap	2
Compressed and liquefied gases	2	Liquors, malt	2	Paperboard containers	1	Tires, retreading	1
Cottonseed oil and meal	1	Matches	1	Salt	1	Trunks	1

TABLE 3.—WAGE EARNERS, BY MONTHS, FOR ALL INDUSTRIES AS A GROUP, 1939, 1919, AND 1909 AND BY INDUSTRIES, 1939

[See GENERAL EXPLANATIONS—Wage earners and wages]

INDUSTRY	Average for year [1]	NUMBER REPORTED FOR—											
		January	February	March	April	May	June	July	August	September	October	November	December
All industries, total:													
1939	23,484	25,148	28,432	29,609	29,080	28,272	24,961	17,384	17,589	19,626	20,844	19,554	21,308
1919	15,985	15,144	17,090	17,076	16,692	16,473	10,956	11,062	16,365	17,221	17,217	18,183	18,341
1909	15,582	17,461	18,151	17,812	17,789	17,416	15,101	13,683	13,009	13,079	13,457	13,693	16,335
INDUSTRIES, 1939													
Food and kindred products:													
Bakery products	1,470	1,470	1,511	1,476	1,483	1,478	1,475	1,462	1,466	1,470	1,465	1,438	1,451
Beverages, nonalcoholic	93	89	96	102	100	105	89	90	91	85	88	88	88
Candy; chocolate and cocoa	42	43	43	43	43	43	43	43	41	41	41	41	41
Cane sugar—except refineries	7,765	10,418	12,479	12,624	12,429	11,328	7,512	3,024	3,397	4,231	5,247	4,972	5,515
Cane-sugar refining	1,893	1,566	2,150	2,616	2,363	2,640	3,487	609	698	1,770	1,632	924	2,257
Canned fruits and vegetables	304	169	506	729	593	573	463	392	94	94	22	8	10
Cheese	9	9	9	9	9	9	8	8	8	8	8	9	9
Corn meal	8	8	8	8	8	8	8	8	8	8	8	8	8
Ice cream and ices	27	27	27	27	27	27	27	29	27	27	27	27	27
Ice, manufactured	285	286	286	286	286	286	286	286	286	286	284	281	281
Liquors, distilled	340	294	290	285	299	345	356	360	341	376	413	385	341
Liquors, rectified or blended	316	352	324	317	310	311	315	315	309	304	305	311	323
Vermicelli, soup paste, and noodles	154	154	154	154	154	154	154	154	154	154	154	154	154
Wines	43	46	46	46	46	41	41	41	41	41	41	42	42
Caskets	8	8	8	8	8	8	8	8	8	8	8	8	8
Drugs and medicines	64	67	68	68	66	66	68	66	58	58	67	57	57
Fertilizers	235	196	206	223	237	252	286	263	243	230	224	226	238
Furniture and showcases:													
Household furniture													
Mattresses	[2] 687	704	686	720	706	667	689	664	658	674	698	695	687
Office furniture													
Showcases													
Leather and leather goods:													
Footwear, except rubber													
Leather, tanned	[2] 53	56	56	56	53	51	51	47	47	48	53	58	58
Saddlery													
Other leather goods													
Lime	90	95	99	107	103	110	107	69	56	49	83	104	99
Machinery	475	465	459	447	440	441	452	479	479	499	515	512	510
Metal products:													
Aluminum products													
Ornamental ironwork	[2] 144	158	178	119	124	126	134	130	144	151	157	157	154
Sheet-metal work													
Tin cans													
Needlework industries	6,378	6,073	6,274	6,524	6,583	6,578	6,297	6,280	6,337	6,416	6,571	6,349	6,254
Perfumes, cosmetics, and other toilet preparations	74	66	63	76	73	72	89	89	96	67	72	61	63
Planing-mill products	110	109	109	108	109	109	107	107	106	107	114	115	115
Printing, publishing, and allied activities, total	654	650	649	650	653	654	653	656	654	656	655	659	654
Newspapers	201	202	202	202	202	202	202	202	202	202	199	202	198
Periodicals	50	50	50	50	50	51	51	51	50	50	49	50	48
Books													
Job printing	[2] 402	398	397	398	401	401	400	403	402	404	407	407	408
Photoengraving													
Stone and clay products:													
Floor and wall tiles (except quarry)	117	118	118	118	117	118	115	116	114	118	118	118	118
Brick and hollow structural tile													
Sewer pipe	[2] 47	47	47	46	46	46	46	47	48	48	48	47	47
Other concrete and stone products													
Textile products and other fiber manufactures:													
Awnings													
Hats, felt and linen													
Hats, straw	[2] 308	239	249	249	326	338	335	227	322	344	350	354	360
Hosiery, full-fashioned													
Rugs, string													
Rugs, wool													
Tobacco products, total	445	391	436	466	426	453	443	468	429	408	478	471	466
Cigars and cigarettes	415	368	401	420	402	419	424	428	394	391	444	444	445
Tobacco, chewing and smoking	30	23	35	46	24	34	19	40	35	17	34	27	21
Other industries [3]	847	775	798	902	860	835	817	847	829	850	898	875	873

[1] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several industries do not add exactly to the 1939 average for all industries.
[2] Combined to avoid disclosing data for individual establishments and for companies.
[3] See table 2, footnote 17.

TABLE 4.—RELATIVE IMPORTANCE OF MANUFACTURING INDUSTRIES RANKED ACCORDING TO NUMBER OF WAGE EARNERS, COST OF MATERIALS, VALUE OF PRODUCTS, AND VALUE ADDED BY MANUFACTURE: 1939

	Number of establishments	WAGE EARNERS		COST OF MATERIALS, SUPPLIES, CONTAINERS, FUEL, ELECTRIC ENERGY, AND WORK DONE OUTSIDE THE PLANT		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE	
		Average for the year [1]	Rank	Amount [2]	Rank	Amount [2]	Rank	Amount [3]	Rank
All industries, total	798	23,484	.....	$76,280,773	.....	$111,499,641	.....	$35,218,868	.....
Cane sugar—except refineries	40	7,765	1	38,880,800	1	55,377,402	1	16,496,602	1
Cane sugar refining	4	1,893	3	10,340,938	3	12,510,477	3	2,169,539	3
Needlework industries	136	6,378	2	13,323,273	2	20,778,267	2	7,454,994	2
Bakery products	219	1,470	4	1,853,111	5	3,067,773	5	1,214,662	4
Furniture and showcases	47	687	5	379,336	11	744,202	10	364,866	11
Printing, publishing, and allied activities	39	654	6	559,860	8	1,606,975	8	1,047,115	5
Machinery	6	475	7	488,548	9	1,146,696	9	658,148	8
Tobacco manufactures	47	445	8	451,554	10	740,694	11	289,140	12
Liquors, distilled	9	440	9	930,927	7	1,918,934	7	988,007	6
Liquors, rectified or blended	28	416	10	1,550,465	6	2,198,363	6	647,898	9
Textile products and other fiber manufactures	10	308	11	290,116	12	571,023	12	280,907	13
Canned fruits and vegetables	5	304	12	135,375	16	239,149	17	103,774	18
Ice, manufactured	25	285	13	118,697	18	500,765	13	382,068	10
Fertilizers	8	235	14	3,163,761	4	3,863,043	4	699,282	7
Vermicelli, soup paste, and noodles	8	154	15	249,382	13	420,844	14	171,462	14
Metal products	11	144	16	53,890	24	170,237	20	116,347	17
Floor and wall tile (except quarry)	9	117	17	58,898	22	132,365	22	73,467	23
Planing-mill products	12	110	18	129,285	17	258,390	16	129,105	16
Beverages, nonalcoholic	10	93	19	145,466	14	277,014	15	131,548	15
Lime	8	90	20	62,407	21	150,777	21	88,370	21
Perfumes, cosmetics, and other toilet preparations	18	74	21	141,850	15	234,978	18	93,128	19
Drugs and medicines	13	64	22	91,771	19	180,504	19	88,733	20
Leather and leather goods	12	53	23	54,899	23	98,930	25	44,031	24
Brick and hollow structural tile; sewer pipe; other concrete and stone products	6	47	24	36,270	27	122,258	23	85,988	22
Wines	4	45	25	25,932	28	46,137	28	20,205	27
Candy, chocolate and cocoa	6	42	26	79,546	20	108,559	24	29,013	25
Ice cream and ices	6	27	27	43,584	25	70,927	26	27,343	26
Cheese	3	9	28	36,795	26	48,958	27	12,163	28
Corn meal	4	8	29	21,991	29	30,241	29	8,250	30
Caskets	6	8	30	6,439	30	16,735	30	10,296	29
Other industries [4]	26	847	.....	2,575,607	.....	3,868,024	.....	1,292,417	.....

[1] See GENERAL EXPLANATIONS—Wage earners and wages.
[2] See GENERAL EXPLANATIONS—Profits and production costs.
[3] Value of products less cost of materials, supplies, containers, fuel, electric energy, and work done outside the plant.
[4] See table 2, footnote 17.

TABLE 5.—SIZE OF ESTABLISHMENTS—GENERAL STATISTICS BY VALUE-OF-PRODUCTS GROUPS: 1939

[See Introduction, p. 1117]

SIZE GROUP	Number of establishments	PERSONS ENGAGED						SALARIES AND WAGES [1]					Cost of materials, supplies, containers, fuel, electric energy, and work done outside the plant [1]	Value of products [1]	Value added by manufacture [2]
		Total	Proprietors and partners	Salaried employees			Wage earners (average for year) [2]	Total	Salaries			Wages			
				Salaried officers	Supervisory employees	Clerical and other nonsupervisory employees			Officers	Supervisory employees	Clerical and other nonsupervisory employees				
All groups, total	**798**	**[4] 26,711**	**953**	**277**	**522**	**1,475**	**[4] 23,484**	**$12,675,698**	**$954,688**	**$1,167,341**	**$1,333,418**	**$9,220,251**	**$76,280,773**	**$111,499,641**	**$35,218,868**
$2,000 to $4,999	182	784	192	1	10	22	559	147,526	360	4,791	9,250	133,125	263,562	580,443	316,881
$5,000 to $19,999	292	2,297	397	15	21	114	1,750	676,305	16,614	24,206	50,059	585,426	1,649,233	3,081,201	1,431,968
$20,000 to $99,999	162	3,593	173	60	36	222	3,102	1,176,947	71,776	40,640	136,072	928,459	3,821,263	6,604,904	2,783,641
$100,000 to $499,999	113	7,292	138	108	135	490	6,421	3,372,330	386,489	232,588	383,619	2,369,634	15,477,444	24,171,740	8,694,296
$500,000 to $999,999	20	3,653	17	31	82	133	3,390	1,919,660	159,807	178,756	186,354	1,394,743	8,827,918	14,225,890	5,397,972
$1,000,000 and over	29	9,093	36	62	238	494	8,263	5,382,930	319,642	686,360	568,064	3,808,864	46,241,353	62,835,463	16,594,110

[1] See GENERAL EXPLANATIONS—Profits and production costs.
[2] See GENERAL EXPLANATIONS—Wage earners and wages.
[3] Value of products less cost of materials, supplies, containers, fuel, electric energy, and work done outside the plant.
[4] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several size groups do not add exactly to the average for all size groups.

TABLE 6.—SIZE OF ESTABLISHMENTS—NUMBER OF ESTABLISHMENTS, BY WAGE-EARNER GROUPS, BY INDUSTRIES: 1939

	Total, all size groups	ESTABLISHMENTS EMPLOYING—							
		No wage earners	1 to 5 wage earners	6 to 20 wage earners	21 to 50 wage earners	51 to 100 wage earners	101 to 250 wage earners	251 to 500 wage earners	501 wage earners and over
All industries, total:									
Number of establishments	798	26	352	233	84	41	45	14	3
Wage earners employed (average for year) [1]	23,484		1,079	2,393	2,649	2,943	7,085	4,471	2,863
Food and kindred products:									
Bakery products	219	4	136	73	4		2		
Beverages, nonalcoholic	10		5	4	1				
Candy; chocolate and cocoa	6		3	3					
Cane sugar—except refineries	40				4	3	22	10	1
Cane-sugar refining	4			1			2		1
Canned fruits and vegetables	5		1		1	2	1		
Cheese	3		3						
Corn meal	4		4						
Ice cream and ices	6		4	2					
Ice, manufactured	25		9	13	2	1			
Liquors, distilled	9		2	4		2	1		
Liquors, rectified or blended	28		14	11	2	1			
Vermicelli, soup paste, and noodles	8	1	1	3	3				
Wines	4		2	1	1				
Caskets	6	2	4						
Drugs and medicines	13		8	5					
Fertilizers	8			3	4	1			
Furniture and showcases	45		19	15	8	3			
Leather and leather goods	12		9	3					
Lime	8		5	2		1			
Machinery	6			3		1	2		
Metal products	11		7	3		1			
Needlework industries	136	13	22	30	38	16	13	3	1
Perfumes, cosmetics, and other toilet preparations	13		9	4					
Planing-mill products	12		9	1	2				
Printing, publishing, and allied activities	59	3	28	20	6	2			
Stone and clay products	15		6	7	2				
Textile products and other fiber manufactures	10	1	4	1	1	2	1		
Tobacco products	47	1	28	14	2	2			
Other industries	26	1	10	7	3	3	1	1	

[1] See GENERAL EXPLANATIONS—Wage earners and wages.

TABLE 7.—SIZE OF ESTABLISHMENTS—NUMBER OF ESTABLISHMENTS, BY VALUE-OF-PRODUCTS GROUPS, BY INDUSTRIES: 1939

[See Introduction, p. 1117]

	Total, all groups	VALUE-OF-PRODUCTS GROUPS					
		$2,000 to $4,999	$5,000 to $19,999	$20,000 to $99,999	$100,000 to $499,999	$500,000 to $999,999	$1,000,000 and over
All industries, total:							
Number of establishments	798	182	292	162	113	20	29
Value of products	$111,499,641	$580,443	$3,081,201	$8,604,904	$24,171,740	$14,225,890	$62,835,463
Food and kindred products:							
Bakery products	219	43	137	37	2		
Beverages, nonalcoholic	10	1	7	1	1		
Candy; chocolate and cocoa	6	1	4	1			
Cane sugar—except refineries	40				9	8	23
Cane-sugar refining	4				1		3
Canned fruits and vegetables	5			5			
Cheese	3		1	2			
Corn meal	4		4				
Ice cream and ices	6	1	4	1			
Ice, manufactured	25	6	14	4	1		
Liquors, distilled	9	1	2	2	3	1	
Liquors, rectified or blended	28	1	8	12	7		
Vermicelli, soup paste, and noodles	8	2	1	3	2		
Wines	4	2	1	1			
Caskets	6	5	1				
Drugs and medicines	13	4	6	3			
Fertilizers	8				5	2	1
Furniture and showcases	45	15	17	13			
Leather and leather goods	12	8	3	1			
Lime	8	4	2	1	1		
Machinery	6		1	3	1	1	
Metal products	11	2	7	2			
Needlework industries	136	7	13	45	63	7	1
Perfumes, cosmetics, and other toilet preparations	13	3	7	3			
Planing-mill products	12	4	4	3	1		
Printing, publishing, and allied activities	59	25	21	8	4	1	
Stone and clay products	15	5	6	3	1		
Textile products and other fiber manufactures	10	2	3	2	3		
Tobacco products	47	32	13	1	1		
Other industries	26	8	5	5	7		1

TABLE 8.—SIZE OF ESTABLISHMENTS—NUMBER OF ESTABLISHMENTS, BY VALUE-ADDED-BY-MANUFACTURE GROUPS, BY INDUSTRIES: 1939

[See Introduction, p. 1117]

	Total, all groups	VALUE-ADDED-BY-MANUFACTURE GROUPS								
		Less than $5,000	$5,000 to $9,999	$10,000 to $19,999	$20,000 to $49,999	$50,000 to $99,999	$100,000 to $199,999	$200,000 to $499,999	$500,000 to $999,999	$1,000,000 and over
All industries, total:										
Number of establishments	798	381	119	89	70	57	34	34	11	3
Value added by manufacture	$35,218,868	$986,551	$847,474	$1,230,229	$2,222,634	$3,864,632	$4,260,704	$10,504,156	$7,548,873	$3,813,612
Food and kindred products										
Bakery products	219	152	40	20	5	2				
Beverages, nonalcoholic	10	5	2	2		1				
Candy; chocolate and cocoa	6	4	2							
Cane sugar—except refineries	40					4	8	17	9	2
Cane sugar refining	4						1	1	1	1
Canned fruits and vegetables	5			2	3					
Cheese	3	1	2							
Corn meal	4	4								
Ice cream and ices	6	5		1						
Ice, manufactured	25	8	6	6	2	3				
Liquors, distilled	9	1	2	1	1		2	2		
Liquors, rectified or blended	28	9	4	6	6	2	1			
Vermicelli, soup paste, and noodles	8	4		1	1	2				
Wines	4	2	2							
Caskets	6	6								
Drugs and medicines	13	6	5	2						
Fertilizers	8			1	2	3	1	1		
Furniture and showcases	45	26	10	3	5	1				
Leather and leather goods	12	11			1					
Lime	8	6	1			1				
Machinery	6	1		1	1	1	1	1		
Metal products	11	3	6	1		1				
Needlework industries	136	18	9	24	9	24	15	9	1	
Perfumes, cosmetics, and other toilet preparations	13	7	3	2	1					
Planing-mill products	12	8	2	1		1				
Printing, publishing, and allied activities	59	34	9	7	4	4		1		
Stone and clay products	15	7	5	2		1				
Textile products and other fiber manufactures	10	4	1	1	1	2	1			
Tobacco products	47	39	6			1	1			
Other industries	26	10	2	5	1	3	3	2		

TABLE 9.—TYPE OF OWNERSHIP OR CONTROL—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS UNDER CORPORATE OR OTHER FORM OF OWNERSHIP OR CONTROL, BY INDUSTRIES: 1939

[See Introduction, p. 1117]

INDUSTRY AND FORM OF ORGANIZATION	Number of establishments	Wage earners (average for year)[1]	Value of products	Value added by manufacture[2]
All industries, total	798	23,484	$111,499,641	$35,218,868
Individual proprietorships	491	4,370	11,979,988	4,525,572
Partnerships	158	5,885	25,157,170	8,226,622
Corporations	137	11,882	65,291,837	19,094,197
Cooperatives	3	432	2,640,659	511,002
Other	9	915	6,429,987	2,861,475
Food and kindred products:				
Bakery products, total	219	1,470	3,067,773	1,214,662
Individual proprietorships	173	1,014	2,104,367	837,699
Partnerships	40	374	778,749	310,664
Corporations	5	83	184,657	66,299
Cooperatives	1			
Beverages, nonalcoholic, total	10	93	277,014	131,548
Individual proprietorships	6	25	45,521	22,600
Partnerships	3	68	231,493	108,948
Corporations	1			
Candy; chocolate and cocoa, total	6	42	108,559	29,013
Individual proprietorships	3	10	25,083	10,279
Partnerships	2	32	83,476	18,734
Corporations	1			
Cane sugar—except refineries, total	40	7,765	55,377,402	16,496,602
Corporations	20	4,337	34,016,469	9,249,248
Partnerships	13	2,129	13,272,937	4,093,697
Other	4	824	5,161,973	2,560,810
Cooperatives	2	475	2,926,023	592,847
Individual proprietorships	1			
Cane-sugar refining, total	4			
Corporations	3	1,893	12,510,477	2,169,539
Partnerships	1			
Canned fruits and vegetables, total	5			
Corporations	4	364	239,149	103,774
Partnerships	1			
Food and kindred products—Continued.				
Cheese, total	3			
Individual proprietorships	3	9	$48,958	$12,163
Corn meal, total	4			
Individual proprietorships	4	8	30,241	8,250
Ice cream and ices, total	6			
Individual proprietorships	5	27	70,927	27,345
Partnerships	1			
Ice, manufactured, total	25	285	500,765	382,068
Individual proprietorships	11	155	246,609	190,937
Partnerships	8	61	97,567	81,406
Corporations	4	69	156,598	109,725
Other	2			
Liquors, distilled, total	9	340	1,918,934	988,007
Corporations	4	293	1,375,540	791,378
Individual proprietorships	4	48	542,394	96,629
Partnerships	1			
Liquors, rectified, or blended, total	28	316	2,198,367	647,898
Partnerships	13	181	1,124,029	286,462
Individual proprietorships	8	58	357,307	112,167
Corporations	7	78	717,027	249,269
Vermicelli, soup paste, and noodles, total	8	154	420,844	171,462
Partnerships	4	127	365,935	153,554
Individual proprietorships	3	27	54,909	17,908
Corporations	1			
Wines, total	4			
Individual proprietorships	2	43	46,137	20,205
Partnerships	1			
Corporations	1			

See footnotes at end of table.

TABLE 9.—TYPE OF OWNERSHIP OR CONTROL—SUMMARY FOR ESTABLISHMENTS CLASSIFIED AS UNDER CORPORATE OR OTHER FORM OF OWNERSHIP OR CONTROL, BY INDUSTRIES: 1939—Continued

INDUSTRY AND FORM OF ORGANIZATION	Number of establishments	Wage earners (average for year) [1]	Value of products	Value added by manufacture [2]
Caskets, total	6			
Individual proprietorships	6	8	$16,735	$10,296
Drugs and medicines, total	13	64	180,504	88,733
Individual proprietorships	6	31	61,355	36,034
Corporations	5	[4] 33	119,149	52,699
Partnerships	2			
Fertilizers, total	8			
Corporations	5	[4] 235	3,863,043	699,282
Partnerships	1			
Individual proprietorships	1			
Other	1			
Furniture and showcases, total	45	687	744,202	364,866
Individual proprietorships	29	276	350,602	155,431
Partnerships	14	[4] 412	393,600	209,435
Corporations	2			
Leather and leather goods, total	12			
Individual proprietorships	12	53	98,930	44,031
Lime, total	8			
Individual proprietorships	8	90	$150,777	$88,370
Machinery, total	6			
Corporations	2	[4] 475	1,146,696	658,148
Partnerships	2			
Individual proprietorships	2			
Metal products, total	11			
Individual proprietorships	8	[4] 144	170,237	116,347
Partnerships	2			
Corporations	1			
Needlework industries, total	136	6,378	20,778,267	7,454,994
Individual proprietorships	75	1,758	6,756,303	2,224,652
Corporations	35	2,726	8,064,462	3,141,183
Partnerships	24	[4] 1,895	5,957,502	2,089,159
Other	2			
Perfumes, cosmetics, and other toilet preparations	13	74	$234,978	$93,128
Individual proprietorships	7	51	102,975	45,882
Partnerships	4	[4] 23	132,003	47,246
Corporations	2			
Planing-mill products, total	12			
Individual proprietorships	8	[4] 110	258,390	129,105
Corporations	2			
Partnerships	2			
Printing, publishing, and allied activities, total	59	654	1,606,975	1,047,115
Individual proprietorships	34	144	218,519	122,690
Corporations	13	355	1,132,707	780,176
Partnerships	12	154	255,749	144,249
Stone and clay products	15	164	254,623	159,455
Individual proprietorships	11	88	89,012	48,417
Corporations	3	[4] 76	165,611	111,038
Partnerships	1			
Textile products and other fiber manufactures, total	10	308	571,023	280,907
Corporations	5	291	519,998	254,623
Individual proprietorships	4	[4] 17	51,025	26,284
Partnerships	1			
Tobacco products, total	47			
Individual proprietorships	43	[4] 445	740,694	289,140
Corporations	2			
Partnerships	2			
Other industries, total	26	847	3,868,024	1,292,417
Individual proprietorships	14	80	227,912	148,053
Corporations	9	739	3,435,700	1,116,502
Partnerships	3	28	204,412	27,862

[1] See GENERAL EXPLANATIONS—Wage earners and wages.
[2] Value of products less cost of materials, supplies, containers, fuel, electric energy, and work done outside the plant.
[3] Each of the averages in this column is correct to the nearest unit, despite the fact that the averages for the several forms of ownership do not, in all cases, add exactly to the average for the industry; nor do the averages for each industry add exactly to that for all industries.
[4] Combined to avoid disclosing data for individual establishments or companies.

TABLE 10.—PRODUCTS OF MANUFACTURING INDUSTRIES, BY KIND AND VALUE: 1939

The figures in this table include, in some cases, data for the values of the specified commodities made as secondary products in industries other than those in which they are made as primary products; and in such cases the figures necessarily differ from those for the values of products of the corresponding industries, as given in table 1. See Introduction, p. 1117]

PRODUCTS	Value
Total	$111,499,641
Bakery products:	
Bread	2,309,707
Biscuit and crackers	492,169
Pastries	226,717
Bay rum and patent medicines	405,313
Beds	192,627
Beverages, nonalcoholic	295,149
Brick and tile	119,936
Candy; chocolate and cocoa	133,206
Caskets	17,335
Cheese	46,408
Concrete products and mosaic tiles	126,909
Conserves, jellies, and sirups	12,835
Doors and window frames, wood	260,990
Drugs and medicines	45,624
Fertilizers	3,863,043
Flour and corn meal	30,241
Footwear, leather	31,781
Furniture, household and office, except native wood	382,395
Furniture, native wood	76,506
Grapefruit, peas, pineapple, and pineapple juice, canned	239,149
Hats, felt and straw	386,448
Ice cream and ices	$79,315
Ice, manufactured	463,823
Lime	150,777
Liquors, rectified or blended	2,188,973
Liquors, distilled	1,857,479
Machinery	754,692
Mattresses and couch pads	344,850
Metal products	161,108
Molasses, blackstrap	1,173,239
Monuments	7,778
Needlework	20,515,411
Perfumes	26,000
Printing, publishing, and allied activities—receipts	1,606,975
Sugar, clarified and granulated	1,325,772
Sugar, refined	12,510,477
Sugar, raw	52,742,090
Tobacco:	
Chewing and smoking	27,210
Cigars and cigarettes	713,484
Vermicelli, soup paste, and noodles	357,882
Wines	46,137
Receipts for repairs	546,453
Products not reported separately	4,205,228

TABLE 11.—SUGAR CANE CRUSHED AND CAPACITY OF MILLS, SEASON OF 1939–40

	Tons (2,000 lbs.)
Cane crushed, total	8,796,984
Cane grown by mills	2,135,455
Cane purchased and grown by others	6,189,244
Cane crushed for others	472,285
Capacity of mills in tons of cane per day of 24 hours	78,873

TABLE 12.—INVENTORY OF SUGAR MILLS, BEGINNING AND END OF SEASON OF 1939–40

INVENTORY	VALUE	
	July 1, 1939	June 30, 1940
Finished products	$9,026,325	$20,513,844
Materials, supplies, fuel, work in process, and all other commodities	2,167,566	1,717,544

TABLE 13.—CANE-SUGAR PRODUCTION: 1929–30 TO 1939–40

[Figures for 1939–40 have been compiled from data collected in the Sixteenth Decennial Census; those for earlier years are from "The World Sugar Situation," June 1941, published by the Bureau of Agricultural Economics, United States Department of Agriculture]

SEASON (JULY 1 TO JUNE 30)	TONS (2,000 LBS.)	
	As made	Equivalent refined [1]
1939–40	998,319	944,410
1938–39	851,969	805,963
1937–38	1,077,149	1,018,983
1936–37	996,303	942,503
1935–36	926,344	876,321
1934–35	773,021	731,278
1933–34	1,103,822	1,044,216
1932–33	816,337	772,255
1931–32	992,335	938,749
1930–31	783,163	735,625
1929–30	866,109	813,536

[1] Prior to 1931–32, 1 ton of sugar as made was assumed to be equivalent to 0.9393 ton of refined sugar; beginning with 1931–32, 1 ton of sugar as made has been assumed to be equivalent to 0.946 ton of refined sugar. These conversion factors have been used in accordance with the recommendation of the Joint Committee on Sugar Statistics of the Department of Commerce and Agriculture.

TABLE 14.—GENERAL STATISTICS, BY MUNICIPALITIES: 1939

[See Introduction, p. 1117]

MUNICIPALITY	Number of establishments	PERSONS ENGAGED						SALARIES AND WAGES [1]					Cost of materials, supplies, containers, fuel, electric energy, and work done outside the plant [1]	Value of products [1]	Value added by manufacture [3]
		Total	Proprietors and partners	Salaried employees			Wage earners (average for year) [2]	Total	Salaries			Wages			
				Salaried officers	Supervisory employees	Clerical and other non-supervisory employees			Officers	Supervisory employees	Clerical and other non-supervisory employees				
Entire area, total	798	26,711	953	277	522	1,475	23,484	$12,675,698	$954,688	$1,167,341	$1,333,418	$9,220,251	$76,280,773	$111,499,641	$35,218,868
Adjuntas	5	111	9		7	3	92	51,055		6,120	2,064	42,871	248,599	367,209	118,610
Aibonito	3	13	3				10	5,016				5,016	19,899	35,429	15,530
Arecibo	41	1,867	52	9	26	47	1,733	949,853	50,275	66,336	25,526	807,716	4,136,061	5,486,400	1,350,339
Bayamon	15	468	18	3	7	33	407	204,789	12,230	18,498	31,126	142,935	1,800,484	2,356,973	556,489
Cabo Rojo	20	116	21			1	94	30,051			300	29,751	76,363	128,171	51,808
Caguas	38	624	38	5	15	81	485	357,195	37,852	37,480	108,225	173,638	984,780	2,086,183	1,101,403
Camuy	9	201	10	10	32	35	114	390,333	38,000	50,500	35,000	266,833	1,189,101	1,733,596	544,495
Cayey	13	194	22			6	166	66,304			2,155	64,149	376,815	821,497	444,682
Cosmo	14	393	19			20	354	47,040			6,380	40,660	329,140	527,480	198,340
Comerio	4	13	4				9	2,756				2,756	13,025	24,751	11,726
Guayama	16	616	14	6	32	13	551	264,215	14,613	45,714	9,802	194,086	1,329,759	2,085,566	755,807
Humacao	10	483	14	3	4	14	448	232,557	6,063	14,472	9,458	202,564	1,759,623	2,450,323	690,700
Isabela	6	28	6				22	7,431				7,431	23,886	41,177	17,291
Lajas	7	124	10	5			109	59,498	15,000			44,498	131,137	335,590	204,453
Lares	6	50	6			1	43	10,822			600	10,222	28,318	49,253	20,935
Mayaguez	97	3,316	77	43	39	228	2,929	1,347,137	100,965	57,762	132,702	1,055,708	10,552,811	15,163,411	4,610,600
Moca	5	18	5				13	3,800				3,800	18,700	19,112	412
Morovis	4	39	4				35	6,475				6,475	5,420	27,812	22,392
Naguabo	3	28	7			2	19	5,374			956	4,418	15,266	23,658	8,392
Ponce	72	3,680	85	24	48	165	3,358	1,077,399	73,504	97,953	158,514	747,428	10,775,952	14,318,922	3,542,970
Quebradillas	4	22	5				17	4,065				4,065	23,408	34,001	10,593
Rio Piedras	45	1,091	48	22	25	44	952	599,644	100,550	62,835	43,627	392,632	2,674,729	3,909,013	1,234,284
Sabana Grande	11	157	10			8	139	42,337			6,164	36,173	631,068	879,074	248,006
San German	11	112	13	5	2	12	80	34,814	703	2,020	6,065	26,026	77,167	169,280	92,113
San Juan	152	4,930	153	90	60	366	4,261	2,608,340	271,869	136,310	349,672	1,850,489	8,907,173	15,131,022	6,223,849
San Lorenzo	3	59	10			2	47	10,241			479	9,762	25,346	44,216	18,870
Utuado	4	27	6			2	19	9,708			1,200	8,508	23,645	51,494	27,849
Yauco	23	620	96	1	10	18	495	104,368	3,121	3,903	6,230	91,114	690,302	968,590	278,288
All other municipalities [4]	157	7,312	188	51	215	374	6,484	4,143,081	229,943	567,438	397,173	2,948,527	29,412,796	42,230,438	12,817,642

[1] See GENERAL EXPLANATIONS—Profits and production costs.
[2] See GENERAL EXPLANATIONS—Wage earners and wages.
[3] Value of products less cost of materials, supplies, containers, fuel, electric energy, and work done outside the plant.
[4] Combined to avoid disclosing data for individual establishments.

TABLE 15.—NUMBER OF ESTABLISHMENTS, BY INDUSTRIES, BY MUNICIPALITIES: 1939

INDUSTRY	Total establishments	MUNICIPALITY																						
		Adjuntas	Aguada	Aguadilla	Aguas Buenas	Aibonito	Anasco	Arecibo	Arroyo	Barceloneta	Barranquitas	Bayamon	Cabo Rojo	Caguas	Camuy	Carolina	Catano	Cayey	Ciales	Cidra	Coamo	Comerio	Corozal	Dorado
All industries, total	**798**	**5**	**2**	**19**	**1**	**3**	**2**	**41**	**3**	**3**	**2**	**15**	**20**	**38**	**9**	**8**	**1**	**13**	**2**	**2**	**14**	**4**	**4**	**1**
Food and kindred products:																								
Bread and other bakery products, except crackers	212	3	1	6	1	3	2	8	1	2	2	4	4	8	3	4	1	5	2	2	3	2	1	1
Crackers	7													1										
Beverages, nonalcoholic	10													1										
Candy; chocolate and cocoa	6							1																
Cane sugar—except refineries	40	1	1					2	1	1		1		1	2	1		1						
Cane-sugar refining	4														1									
Canned fruits and vegetables	5											1											2	
Cheese	3							2							1									
Corn meal	4												2											
Ice cream and ices	6															1								
Ice, manufactured	25	1		1				1				1		2				1			1			
Liquors, distilled	9							1						1	1									
Liquors, rectified or blended	28							3	1					1				1						
Vermicelli, soup paste, and noodles	8			1				1																
Wines	4																							
Caskets	6												2											
Drugs and medicines	13							1								1					1			
Fertilizers	8							1						1										
Furniture and showcases:																								
Household furniture	40			3				4					3	1							3			
Mattresses	2													1										
Office furniture	1																							
Showcases	2																							
Leather and leather goods:																								
Footwear, except rubber	9							2						1								2		
Leather, tanned	1																							
Saddlery	1													1										
Other	1																							
Lime	8												4	3										
Machinery	6																							
Metal products:																								
Aluminum products	1																							
Ornamental ironwork	3																							
Sheet-metal work	3																							
Tin cans	3																							
Watch parts	1																							
Needlework industries	136			4				7				4		9				1			4			
Perfumes, cosmetics, and other toilet preparations	13			2																				
Planing-mill products	12							1																
Printing, publishing, and allied activities, total	59			2				4				1	4	1							1			
Newspapers	12							1					1											
Periodicals	5																							
Books	1																							
Job printing	40			2				3				1	3	1							1			
Photoengraving	1																							
Stone and clay products:																								
Floor and wall tiles (except quarry)	9																							
Brick and hollow structural tile	2												1											
Sewer pipe	1																							
Other concrete and stone products	3															1								
Textile products and other fiber manufactures:																								
Awnings	1																							
Hats, felt and linen	2							1																
Hats, straw	4													1										
Hosiery, full-fashioned	1																							
Rugs, string	1																							
Rugs, wool	1																							
Tobacco products, total	47							1				2		4	1			4			1			
Cigars and cigarettes	42							1				2		4				4						
Tobacco, chewing and smoking	5														1						1			
Other industries	26											1											1	

TABLE 15.—NUMBER OF ESTABLISHMENTS, BY INDUSTRIES, BY MUNICIPALITIES: 1939—Continued

	MUNICIPALITY																							
	Fajardo	Guánica	Guayama	Guayanilla	Guayanabo	Guaraba	Hatillo	Hormigueros	Humacao	Isabela	Jayuya	Juana Díaz	Juncos	Lajas	Lares	Las Piedras	Loíza	Manatí	Maricao	Maunabo	Mayagüez	Moca	Morovis	Naguabo
All industries, total	2	3	16	6	2	1	3	2	10	6	5	10	9	7	6	1	1	3	2	1	97	5	4	3
Food and kindred products:																								
Bread and other bakery products, except crackers		2	3	2	1	1	2	1	4	4	2	3	3	3	5	1			2	1	13	5	3	2
Crackers									1												1			
Beverages, nonalcoholic			1																		1			
Candy, chocolate and cocoa																								
Cane sugar, except refineries	1	1	2	2				1	2		1	1	1				1	1			2			
Canesugar refining																					1			
Canned fruits and vegetables																								
Cheese																								
Corn meal														1										
Ice cream and ices																					1			
Ice, manufactured			1									1									2			
Liquors, distilled					1						1		1										1	
Liquors, rectified or blended																					7			
Vermicelli, soup paste, and noodles																					1			
Wines			1																					
Caskets												2									1			
Drugs and medicines				1					1															
Fertilizers																					1			
Furniture and showcases:																								
Household furniture																					5			
Mattresses																								
Other furniture																								
Showcases																								
Leather and leather goods:																								
Footwear, except rubber												1												
Leather, tanned																					1			
Saddlery																								
Other																					1			
Lime	1																							
Machinery																					2			
Metal products:																								
Aluminum products																								
Ornamental ironwork																								
Sheet-metal work																								
Tin cans																								
Watch parts			1																					
Needlework industries			3				1		1				3	2							45			
Perfumes, cosmetics, and other toilet preparations			2									1									1			
Planing-mill products																								
Printing, publishing, and allied activities, total									1									2			5			
Newspapers																					1			
Periodicals																								
Books																								
Job printing									1									2			4			
Photoengraving																								
Stone and clay products:																								
Floor and wall tiles (except quarry)																					2			
Brick and hollow structural tile																								
Sewer pipe																								
Other concrete and stone products															1									
Textile products and other fiber manufactures:																								
Awnings																								
Hats, felt and linen																								
Hats, straw																								
Hosiery, full-fashioned																								
Rugs, string																								1
Rugs, wool																								
Tobacco products, total			2	1						1	1	1	1								1			
Cigars and cigarettes			2	1						1	1	1	1								1			
Tobacco, chewing and smoking																								
Other industries										1				1							3			

TABLE 15.—NUMBER OF ESTABLISHMENTS, BY INDUSTRIES, BY MUNICIPALITIES: 1939—Continued

INDUSTRY	MUNICIPALITY																								
	Naranjito	Orocovis	Patillas	Ponce	Quebradillas	Rincon	Rio Grande	Rio Piedras	Sabana Grande	Salinas	San German	San Juan	San Lorenzo	San Sebastian	Santa Isabel	Toa Alta	Toa Baja	Trujillo Alto	Utuado	Vega Alta	Vega Baja	Vieques	Villalba	Yabucoa	Yauco
All industries, total	**2**	**2**	**2**	**72**	**4**	**1**	**2**	**45**	**11**	**4**	**11**	**152**	**3**	**8**	**2**	**2**	**3**	**1**	**4**	**5**	**7**	**5**	**6**	**4**	**23**
Food and kindred products:																									
Bread and other bakery products, except crackers	2	1	2	10	4	1	2	5	4	1	3	19	1	3	2	1	1	1	2	2	4	2	3	1	3
Crackers				2																				1	1
Beverages, nonalcoholic				2				1				4													
Candy; chocolate and cocoa				1				1				2													1
Cane sugar—except refineries				2				1		2				1			1			1	1	1	1	1	
Cane-sugar refining				1																				1	
Canned fruits and vegetables								1									1								
Cheese																									
Corn meal				1																					
Ice cream and ices				1				1				2													
Ice, manufactured				3				1		1	1	3		1					1			1			1
Liquors, distilled				1								1													
Liquors, rectified or blended				5				2			1	7													
Vermicelli, soup paste, and noodles				1				2			1														1
Wines				1				1						1											
Caskets				1																					
Drugs and medicines				1								7													
Fertilizers								3				2													
Furniture and showcases:																									
Household furniture				3				5			1	11									1				
Mattresses												1													
Office furniture												1													
Showcases								1				1													
Leather and leather goods:																									
Footwear, except rubber				1				2																	
Leather, tanned																									
Saddlery																									
Other																									
Lime																									
Machinery				1								3													
Metal products:																									
Aluminum products												1													
Ornamental ironwork				1								2													
Sheet-metal work				1								2													
Tin cans												1													2
Watch parts																									
Needlework industries				16				1	3			27													5
Perfumes, cosmetics, and other toilet preparations				1				2				4													
Planing-mill products								4				7													
Printing, publishing, and allied activities, total				7				1			3	26													1
Newspapers				1								7													1
Periodicals				2								3													
Books												1													
Job printing				4				1			3	14													
Photoengraving												1													
Stone and clay products:																									
Floor and wall tiles (except quarry)				2				2				3													
Brick and hollow structural tile												1													
Sewer pipe								1																	
Other concrete and stone products				1																					
Textile products and other fiber manufactures:																									
Awnings												1													
Hats, felt and linen																				1					
Hats, straw				1				1				1													
Hosiery, full-fashioned												1													
Rugs, string																									
Rugs, wool																					1				
Tobacco products, total		1		2				1	3		1	4	2			1				1		1	2		7
Cigars and cigarettes		1		2				1	3		1	4	2			1				1		1	2		4
Tobacco, chewing and smoking																									3
Other industries				2				5	1			7		2					1						1

TABLE 16.—GENERAL STATISTICS, BY INDUSTRIES, FOR SAN JUAN

[See Text, p. 1116, for only 11 municipalities for which statistics by industries can be presented without disclosing data for individual establishments. See Introduction, p. 1117]

INDUSTRY	Number of establishments	PERSONS ENGAGED: Total	Proprietors and partners	Salaried employees: Salaried officers	Salaried employees: Supervisory employees	Salaried employees: Clerical and other non-supervisory employees	Wage earners (average for year)	SALARIES AND WAGES[1]: Total	Salaries: Officers	Salaries: Supervisory employees	Salaries: Clerical and other non-supervisory employees	Wages	Cost of materials, supplies, containers, fuel, electric energy, and work done outside the plant[2]	Value of products[3]	Value added by manufacture[3]
All industries, total	152	4,930	153	90	60	366	4,261	$2,608,340	$271,869	$136,310	$349,672	$1,850,489	$8,907,173	$15,131,022	$6,223,849
Food and kindred products															
Bakery products	19	165	24	2	.....	18	121	80,364	2,540	.....	9,750	68,074	248,323	442,575	194,252
Beverages, nonalcoholic	4	87	6	2		12	65	37,773	3,840		10,140	23,793	119,215	225,323	106,108
Liquors, rectified or blended	7	77	10	6	1	14	46	52,842	22,744	1,560	10,817	17,721	483,963	744,880	260,917
Drugs and medicines	7	65	5	5		15	40	23,313	5,120	.....	6,788	11,405	33,179	80,479	47,300
Furniture and slipcovers	14	125	18		2	7	98	38,620	.....	4,628	4,114	29,878	101,991	206,712	104,721
Metal products	6	39	8	.....	2	2	27	14,042	.....	2,180	1,084	10,778	24,261	59,087	34,826
Needlework industries	27	1,996	27	23	2	63	1,881	753,938	78,883	9,400	69,933	595,722	3,023,332	5,283,339	2,260,007
Perfumes, cosmetics, and other toilet preparations	4	33	5			6	22	9,321	.....	.....	3,235	6,086	62,540	108,300	45,760
Planing-mill products	7	107	6	2		6	92	62,799	10,800	.....	4,632	47,367	115,057	222,983	107,926
Printing, publishing, and allied activities, total	26	677	19	28	28	103	497	485,618	71,124	39,924	100,602	273,968	490,896	1,421,732	930,836
Job printing	14	318	13	6	3	14	282	174,966	12,400	5,500	8,734	128,332	201,762	475,137	273,375
Newspapers, printing and publishing	7														
Periodicals	3	357	6	22	25	89	215	330,652	58,724	34,424	91,868	145,636	289,134	946,595	657,461
Books	1														
Photoengraving	1														
Stone and clay products	4	59	3	2	1	1	52	26,865	3,018	500	100	23,247	30,379	75,564	45,185
Tobacco products	4	26	4	.....	.....	.....	22	12,730	.....	.....	.....	12,730	14,350	35,900	21,550
Other industries	23	1,478	18	19	24	119	1,298	1,010,115	73,800	78,118	128,477	729,720	4,159,687	6,224,148	2,064,461

[1] See GENERAL EXPLANATIONS—Profits and production costs.
[2] See GENERAL EXPLANATIONS—Wage earners and wages.
[3] Value of products less cost of materials, supplies, containers, fuel, electric energy, and work done outside the plant.

APPENDIXES

A.—Legal provisions for Biennial Census of Manufactures
B.—General schedule
C.—Alphabetical list of industries: 1939
D.—List of industries, with descriptions, by groups: 1939
E.—List of industry changes: 1937–39

APPENDIX A

PROVISIONS OF LAW RELATING TO THE BIENNIAL CENSUS OF MANUFACTURES

[From Fifteenth Census Act, approved June 18, 1929]

SEC. 17.—That the Director of the Census be, and he is hereby, authorized and directed to collect and publish, for every second year after 1927, statistics of manufacturing industries; and the director is hereby authorized to prepare such schedules as in his judgment may be necessary.

SEC. 10.—That it shall be the duty of every owner, official, agent, person in charge, or assistant to the person in charge, of any company, business, institution, establishment, religious body, or organization of any nature whatsoever, to answer completely and correctly to the best of his knowledge all questions relating to his respective company, business, institution, establishment, religious body, or other organization, or to records or statistics in his official custody, contained on any census schedule prepared by the Director of the Census under the authority of this act, or of the act to provide for a permanent Census Office, approved March 6, 1902, or of acts amendatory thereof or supplemental thereto; and any person violating the provisions of this section by refusing or willfully neglecting to answer any of said questions shall be guilty of a misdemeanor, and upon conviction thereof shall be fined not exceeding $500, or imprisoned for a period not exceeding 60 days, or both so fined and imprisoned, and any person violating the provisions of this section by willfully giving answers that are false shall be fined not exceeding $10,000 or imprisoned for a period not exceeding one year, or both.

SEC. 11.—That the information furnished under the provisions of this act shall be used only for the statistical purposes for which it is supplied. No publication shall be made by the Census Office whereby the data furnished by any particular establishment or individual can be identified, nor shall the Director of the Census permit anyone other than the sworn employees of the Census Office to examine the individual reports.

Your report is required by Act of Congress. This Act also makes it unlawful for the Bureau to disclose any facts, including names or identity from your census reports. Only sworn census employees will see your statements. Data collected will be used solely for preparing statistical information concerning the Nation's population, resources, and business activities. Your Census Reports Cannot be Used for Purposes of Taxation, Regulation, or Investigation.

DO NOT USE

(Industry number)

(State and county)

(City) (Ind. area) (C. of O.)

(Central office number)

(Schedule number)

FORM 100

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
WASHINGTON

File No. .....

CENSUS OF MANUFACTURES: 1939

GENERAL SCHEDULE

INQUIRY 1.—DESCRIPTION OF PLANT (See Instructions):

A separate report should be made for each plant, except as explained in Instructions.

How many plants does this report cover? .....

If more than one, give names and locations under "Remarks." (See Instructions.)

(*a*) Name of plant .....

(*b*) Name of owner or operator .....

LEGAL FORM OF ORGANIZATION
(Place check mark in proper square)

☐ Individual proprietorship ☐ Cooperative
☐ Partnership ☐ Corporation ☐ Other (specify) .....

Does this concern operate or control one or more other factories or manufacturing subsidiaries? ..... (Yes or no)

(*c*) Address of general office ..... (Street and number) (City) (State)

LOCATION OF PLANT

(*d*) State ..... (*e*) Place (city, town, village, etc.) .....

(*f*) County ..... (*g*) Street and number .....

(*h*) Is plant located within present corporate boundaries of city, town, or village named above? ..... (Yes or no)

(*i*) Post office of plant, if different from plant location (*e*) .....

(*j*) Is the concern which operates this plant a branch, subsidiary, or affiliate of some other concern? ..... (Yes or no)

If so, give name and address of such concern .....

.....

(*k*) Place a check mark (√) in proper space if, since December 31, 1937, this plant has changed its name ( ); location ( ); general nature of business ( ). If changed, give former name, location, or nature of business

.....

(*l*) Place a check mark (√) in proper space if, since December 31, 1937, this plant was purchased ( ); sold ( ); or leased for any part of 1939 ( ). Give name and address of seller, buyer, lessor, or lessee, and date of change .....

INQUIRY 2.—PERSONS ENGAGED—Include number of employees receiving pay at any time during the normal pay-roll period ended nearest October 14, 1939. Do not count the same person twice under different headings.

Number of proprietors or firm members (not applicable to incorporated companies) ..... Key A-1 / B-1

	Office use only	Key	Number of male	Key	Number of female	Key
A. Grand total all employees for the plant		B-2				
1. Salaried officers of the corporation		A-2		B-3		B-4
2. Manufacturing.—Include only those employees whose duties are concerned wholly or chiefly with manufacturing				B-5		B-6
3. Distribution.—Include only those employees who devote all or the major portion of their time to selling, advertising, sales promotion, credit, collecting, billing, installing or servicing goods sold, and other distribution activities				B-7		B-8
4. Construction.—Include only those employees engaged in major construction and major repair work in this plant				B-9	x x x x x x x	
5. All other employees (state type of work performed)				B-10		B-11

(Continued on next page)

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INQUIRY 2.—Continued.

B. Manufacturing employees:

Of the manufacturing employees reported above (under A–2) how many are:

	Office use only	Key	Number of male	Key	Number of female	Key
1. Managers, superintendents, other supervisory employees, and responsible professional and technical employees				B–12		B–13
2. Clerks, stenographers, bookkeepers, and other clerical employees		A–3		B–14		B–15
3. Wage earners				B–16		B–17
Total (should check with A–2 above)						

INQUIRY 3.—WAGE EARNERS EMPLOYED BY MONTHS—Give number of wage earners engaged in manufacturing *receiving pay* at any time during the normal pay-roll period ended nearest the 15th of each month. Figures given in this inquiry should include only the class of employee reported under Inquiry 2–B–3 above.

Number	Key	Number	Key	Number	Key	Number	Key	Code	Key	Total W. E. M. (Do not use)	Key
Jan.	C–1	Apr.	C–4	July	C–7	Oct.	C–10		A–4		
Feb.	C–2	May	C–5	Aug.	C–8	Nov.	C–11		C–13		
Mar.	C–3	June	C–6	Sept.	C–9	Dec.	C–12				A–5

(Specify year, if other than 1939.)

Total number of days this plant operated during year _____

INQUIRY 4.—SALARIES AND WAGES—Report amounts for the entire year covered by this report. Include bonuses or percentages of profits when paid either to officers and salaried employees or to wage earners. Include employees' social security contributions. Do not include payments in kind.

	Office use only	Key	Omit cents	Key
A. Grand total of salaries and wages for all employees for the plant			$	D–1
1. Salaries of officers of the corporation			$	A–6, D–2
2. Manufacturing.—Total salaries and wages of those employees whose duties are concerned wholly or chiefly with manufacturing			$	D–3
3. Distribution.—Total salaries and wages of those employees who devote all or the major portion of their time to selling, advertising, sales promotion, credit, collecting, billing, installing or servicing goods sold, and other distribution activities			$	D–4
4. Construction.—Total salaries and wages of those employees engaged in major construction and major repair work in this plant, including force account work			$	D–5
5. Total salaries and wages of all other employees			$	D–6
B. Manufacturing employees: Of the manufacturing employees reported above (under A–2) how much was received by:				
1. Managers, superintendents, other supervisory employees, and responsible professional and technical employees			$	D–7
2. Clerks, stenographers, bookkeepers, and other clerical employees	$	A–7	$	D–8
3. Wage earners			$	A–8, D–9
Total salaries and wages (should check with A–2 above)			$	

INQUIRY 5.—COST OF MATERIALS, ETC., ACTUALLY USED DURING YEAR:

	Cost (omit cents)	Key
(*a*) Cost of materials, supplies, and containers for products	$	E–1
(*b*) Cost of fuel	$	E–2
(*c*) Cost of purchased electric energy (for all purposes)	$	E–3
(*d*) Cost of contract and commission work done for you outside the plant on materials supplied by you in the manufacture of products reported under Inquiry 10	$	E–4
Total	$	E–5, A–9

INQUIRY 6.—POWER EQUIPMENT—The figures given in this inquiry should relate to equipment in use or available for use at the end of the period covered by the report.

TYPE	PRIME MOVERS DRIVING GENERATORS (Direct-connected and connected by gears or by belts)						PRIME MOVERS NOT DRIVING GENERATORS			
	Number		Prime movers: Total rated horsepower		Generators: Total kilowatt rating		Number		Total rated horsepower	
		Key		Key		Key		Key		Key
(a) All equipment, available for use, active and idle:										
Steam engines		F-1		F-2		F-3		G-1		G-2
Steam turbines		F-4		F-5		F-6		G-3		G-4
Diesel and semi-Diesel engines		F-7		F-8		F-9		G-5		G-6
Other internal-combustion engines (gas, gasoline, etc.)		F-10		F-11		F-12		G-7		G-8
Hydro-turbines and water wheels		F-13		F-14		F-15		G-9		G-10
(b) Equipment, included above, ordinarily idle but held for standby (not junk)	x x x x	x x x		F-16		F-17	x x x x	x x x		G-11

	Key
	G-12

ELECTRIC MOTORS

	Number	Key	Total rated horsepower	Key
(a) Electric motors driven by purchased energy		G-13		G-14
(b) Electric motors driven by energy generated in the plant		G-15		G-16

INQUIRY 7.—FUEL AND ELECTRIC ENERGY USED (Do not include coke or gas manufactured in the plant from other fuels):

	Code	Key	Unit	Quantity	Key	Cost delivered at factory		Key
Coal, bituminous (soft, including lignite)			Short ton		H-1	$		
Coal, anthracite (hard)			Short ton		H-2	$		
Coke			Short ton		H-3	$		
Fuel oil (including heating oils but not gasoline or lubricants)			Bbl. (42 gal.)		H-4	$		
Gas, natural	1	H-5	M. cu. ft.		H-6	$		
Gas, manufactured	2	H-5	M. cu. ft.		H-6	$		
Gas, mixed	3	H-5	M. cu. ft.		H-6	$		
Total amount of electric energy generated in your plant			Kw.-hr.		H-7	x x x x x x x		
Total amount of electric energy sold			Kw.-hr.		H-8	x x x x x x x		
Electric energy purchased (report the same cost as reported under Inquiry 5 (c))			Kw.-hr.		H-9	$		H-10

INQUIRY 8.—EXPENDITURES FOR PLANT AND EQUIPMENT:

Report all permanent additions and major alterations made on contract or by own forces, which were *charged during the year* to fixed asset accounts and which are of the type for which depreciation accounts are ordinarily maintained. Exclude expenditures for replacements which are in the nature of maintenance.

			Key
Total expenditures for plant, equipment, and real estate during the year		$	J-1
1. Expenditures for new construction or major alterations of *buildings and other fixed plant and structures* (buildings, docks, tracks, blast furnaces, etc.). Elevators, heating and ventilating equipment, etc., essentially a part of buildings or other fixed structures should be included. Do not include movable equipment. Do not include land, or used equipment and existing old plant previously owned by others	$		J-2
2. Expenditures for *new machinery and operating equipment.* Include all new motors, lathes, punch presses, cranes, automobiles, trucks, railroad rolling stock, office fixtures, furniture, typewriters, billing machines, cash registers, and other movable equipment	$		J-3
3. Expenditures for plant and equipment, *acquired in a "used" condition from other owners,* and expenditures for land	$		J-4

INQUIRY 9.—INVENTORY—Report all inventories, wherever located, for the account of this plant. Include goods owned by you but held by others. Do not include goods held by you and owned by others.

	Beginning of year	Key	End of year	Key
	(State date above)		(State date above)	
(a) Finished products of this plant, including goods produced by contract work on materials owned by you	$	J-5	$	J-6
(b) Materials, supplies, fuel, work in process, and all other inventories	$	J-7	$	J-8

Office use only	
	J-9

INQUIRY 10.—PRODUCTS MADE AND WORK DONE DURING YEAR:

What were the principal materials (in the order of their importance) used in manufacturing the products listed below? .....

	Unit	Quantity	Value (omit cents)
(a) Chief products (state kind):			
.....			$
.....			$
.....			$
.....			$
.....			$
(b) All other products (state kind)			$
(c) Scrap and salable refuse	x x x x	x x x x x x x x x x x x	$
(d) Receipts for contract and commission work done by you on materials owned by others	x x x x	x x x x x x x x x x x x	$
(e) Receipts for repair work	x x x x	x x x x x x x x x x x x	$

	Code	Key		Key
Total value		A-10	$	A-11

REMARKS: .....

FIELD USE ONLY

S. D. No. .....

E. D. No. .....

Consecutive number of report .....

CERTIFICATE

THIS IS TO CERTIFY that the information contained in this schedule is correct and complete to the best of my knowledge and belief, and covers the period from ....., 19....., to ....., 19.....

.....
(Signature and official title of person furnishing the information)

.....
(Signature of enumerator)

.....
(Address)

U. S. GOVERNMENT PRINTING OFFICE 16—9862

DISTRIBUTION OF SALES

FOR OFFICE USE ONLY
Industry No. _____
File No. _____
V. P. _____ Key A-1

This sheet should show the distribution of sales and interplant transfers of the products manufactured by the plant or plants whose manufacturing activities are covered by the preceding pages of this schedule.

Sales should include purchased merchandise resold without processing, in addition to own products. Therefore, the total value of goods sold or shipped from this plant (item 10 below) may not be the same as the value of products elsewhere reported.

The following information is required from every manufacturing plant, even though no distinct sales department is maintained. Manufacturers' sales branches and offices operated apart from the plant should be reported on Distribution Form 31. Separate administrative or general offices located apart from the plant should be reported on Form 10.

D-1. DESCRIPTION OF PLANT:

(a) Name of plant _____

(b) Name of owner or operator _____

(c) Location of plant { State _____ County _____
Name of city, town, or village _____
Street and number _____ }

D-2. NET SALES AND INTERPLANT TRANSFERS (Deduct returns and allowances):

(a) Report the value, f. o. b. factory, of all goods shipped or delivered from this plant during the year 1939 (including sales through agents and brokers), analyzed as shown below. Deduct returns and allowances, but include purchased merchandise sold without processing. (Where exact figures are not available give the best possible approximations.)

	Omit cents	Key
Intracompany Sales and Transfers		
(1) Interplant transfers to own plants in the United States	$	A-2
(2) Sales to or through your own wholesale sales branches and sales offices apart from the plant. (Whether or not stocks are carried in such branches)	$	A-3
(3) Sales to or through your own retail stores	$	A-4
Sales to Other Business Concerns in the United States		
(4) Sales to industrial, commercial, professional, and institutional users. (Manufacturers, railroads, utilities, governmental bodies, hotels, contractors, etc.)	$	A-5
(5) Sales to wholesalers and jobbers for resale. (Include supply houses, but not export concerns)	$	A-6
(6) Sales to export intermediaries. (Report export sales to buyers in foreign countries under (9) below and not here)	$	A-7
(7) Sales to retailers for resale. (Chains, mail-order houses, department stores, and independent retailers)	$	A-8
Sales to Consumers		
(8) Sales to farmers and household consumers, including employees (at retail)	$	A-9
Export Sales		
(9) Export sales made direct to buyers in foreign countries. (Including sales to company's own foreign branches)	$	A-10
(10) **TOTAL VALUE OF SALES AND TRANSFERS** from this plant (sum of 1 to 9). (Include sales through agents and brokers, and purchased merchandise sold without processing, as well as direct shipments of own products)	$	A-11

		Key
(b) How much of total sales reported in item 10 above was made through agents, brokers, and commission houses (not including your own sales force)?	$	A-12
(c) How much of total sales reported in item 10 above consisted of purchased merchandise sold without processing?	$	A-13

APPENDIX C

INDUSTRY GROUPS

Group 1.—Food and kindred products.
Group 2.—Tobacco manufactures.
Group 3.—Textile-mill products and other fiber manufactures.
Group 4.—Apparel and other finished products made from fabrics and similar materials.
Group 5.—Lumber and timber basic products.
Group 6.—Furniture and finished lumber products.
Group 7.—Paper and allied products.
Group 8.—Printing, publishing, and allied industries.
Group 9.—Chemicals and allied products.
Group 10.—Products of petroleum and coal.
Group 11.—Rubber products.
Group 12.—Leather and leather products.
Group 13.—Stone, clay, and glass products.
Group 14.—Iron and steel and their products, except machinery.
Group 15.—Nonferrous metals and their products.
Group 16.—Electrical machinery.
Group 17.—Machinery (except electrical).
Group 18.—Automobiles and automobile equipment.
Group 19.—Transportation equipment except automobiles.
Group 20.—Miscellaneous industries.

INDUSTRIES, 1939—ALPHABETICAL LIST

[The alphabetical list of industries given below shows 1939 industry numbers and 1939 schedule form numbers]

Industry No.	Industry	Form No.
1391	Abrasive wheels, stones, paper, cloth, and related products	1021
1729	Agricultural machinery (except tractors)	1301
1921	Aircraft and parts, including aircraft engines	1401
1520	Alloying; and rolling and drawing of nonferrous metals, except aluminum	1212
1593	Aluminum products (including rolling and drawing and extruding), not elsewhere classified	1212
1592	Aluminum ware, kitchen, hospital, and household (except electrical appliances)	1212
988	Ammunition	602
395	Artificial leather and oilcloth	220
2054	Artists' materials	100
1392	Asbestos products (except steam packing and pipe and boiler covering)	1001
1472	Automobile stampings	1129
1820	Automobile trailers (for attachment to passenger cars)	1408
1640	Automotive electrical equipment	1303
191	Baking powder, yeast, and other leavening compounds	603
651	Baskets for fruits and vegetables	301
1691	Batteries, storage and primary (dry and wet)	1303
392	Batting, padding, and wadding; upholstery filling	211
2083	Beauty-shop and barber-shop equipment	1653
1031	Beehive coke	701
163	Beet sugar	129
446	Belts (apparel), regardless of material	216
152	Biscuit, crackers, and pretzels	102
1411	Blast-furnace products	1110
145	Blended and prepared flour made from purchased flour	116
1764	Blowers; exhaust and ventilating fans	1305
995	Bluing	100

INDUSTRIES, 1939—ALPHABETICAL LIST—Continued

Industry No.	Industry	Form No.
1932	Boat building and boat repairing	1410
1491	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills	1101
986	Bone black, carbon black, and lampblack	606
880	Bookbinding and related industries	508
833	Books: printing without publishing	508
832	Books: publishing and printing	508
831	Books: publishing without printing	508
1230	Boot and shoe cut stock and findings	902
151	Bread and other bakery products (except biscuit, crackers, and pretzels)	102
1351	Brick and hollow structural tile	1004
2081	Brooms	1604
2082	Brushes	1604
2061	Buttons	1606
994	Candles	616
171	Candy and other confectionery products	112
161	Cane sugar—except refineries	130
162	Cane-sugar refining	131
133	Canned and dried fruits and vegetables (including canned soups)	105
131	Canned fish, crustacea, and mollusks	104
498	Canvas products (except bags)	218
2055	Carbon paper and inked ribbons	1607
1612	Carbon products for the electrical industry, and manufactures of carbon or artificial graphite	1303
371	Carpets and rugs, wool	2000
373	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags	100
372	Carpet yarn, woolen and worsted	2000
1912	Cars and car equipment—railroad, street, and rapid-transit	1405
1763	Cars and trucks, industrial	1305
671	Caskets, coffins, burial cases, and other morticians' goods	305
1424	Cast-iron pipe and fittings	1102
1340	Cement	1002
143	Cereal preparations	116
122	Cheese	103
999	Chemicals not elsewhere classified	608
173	Chewing gum	112
466	Children's and infants' wear not elsewhere classified—made in contract factories	216
465	Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors	216
464	Children's coats—made in contract factories	216
463	Children's coats—made in inside factories or by jobbers engaging contractors	216
462	Children's dresses—made in contract factories	216
461	Children's dresses—made in inside factories or by jobbers engaging contractors	216
2043	Children's vehicles	1648
1365	China firing and decorating (for the trade)	100
172	Chocolate and cocoa products	109
653	Cigar boxes: wooden, part wooden	301
211	Cigarettes	1608
221	Cigars	1608
1359	Clay products (except pottery) not elsewhere classified	1004
1356	Clay refractories, including refractory cement (clay)	1004
989	Cleaning and polishing preparations, blackings, and dressings	611
1541	Clocks, watches, and materials and parts (except watchcases)	1202
487	Clothing, leather and sheep-lined	215
362	Cloth sponging and miscellaneous special finishing	203

INDUSTRIES, 1939—ALPHABETICAL LIST—Continued

Industry No.	Industry	Form No.
981	Coal-tar products—crude and intermediate	608
740	Coated and glazed paper	401
437	Coats, suits, and skirts—except fur coats—made in contract factories	216
436	Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors	216
1499	Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills	1112
1594	Collapsible tubes	1208
912	Colors and pigments	626
1782	Commercial laundry, dry-cleaning, and pressing machinery	1305
1662	Communication equipment	1303
985	Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants	610
1371	Concrete products	1005
123	Condensed and evaporated milk	103
1731	Construction and similar machinery (except mining and oil-field machinery and tools)	1324
799	Converted paper products not elsewhere classified	401
192	Cooking and other edible fats and oils, not elsewhere classified	120
655	Cooperage	306
399	Cordage and twine	202
692	Cork products	307
194	Corn sirup, corn sugar, corn oil, and starch	113
445	Corsets and allied garments	216
2071	Costume jewelry and costume novelties (jewelry other than fine jewelry)	100
311	Cotton broad woven goods	203
312	Cotton narrow fabrics	203
921	Cottonseed oil, cake, meal, and linters	622
314	Cotton thread	203
313	Cotton yarn	203
121	Creamery butter	103
132	Cured fish	104
495	Curtains, draperies, and bedspreads—contract factories	218
494	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors	218
112	Custom slaughtering, wholesale	123
1451	Cutlery (except aluminum, silver, and plated cutlery) and edge tools	1103
2023	Dental equipment and supplies	1611
791	Die-cut paper and paperboard, and converted cardboard	401
2042	Dolls (except rubber)	1648
1482	Doors, window sash, frames, molding, and trim (made of metal)	1122
481	Dress and semidress gloves and mittens: cloth, cloth and leather combined	217
931	Drugs and medicines (including drug grinding)	611
361	Dyeing and finishing cotton, rayon, silk, and linen textiles	203
343	Dyeing and finishing woolen and worsted	212
1620	Electrical appliances	1303
1613	Electrical measuring instruments	1303
1699	Electrical products not elsewhere classified	1303
1650	Electric lamps	1303
1572	Electroplating, plating, and polishing	100
894	Electrotyping and stereotyping, not done in printing establishments	508
1762	Elevators, escalators, and conveyors	1305
491	Embroideries, other than Schiffli-machine products—contract factories	221
490	Embroideries, other than Schiffli-machine products—made in regular factories or by jobbers engaging contractors	221
488	Embroideries: Schiffli-machine products	221
1461	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	1114
1474	Enameling, japanning, and lacquering	1129
1571	Engraving on metal (except for printing purposes)	100

INDUSTRIES, 1939—ALPHABETICAL LIST—Continued

Industry No.	Industry	Form No.
892	Engraving (steel, copperplate, and wood); plate printing	508
751	Envelopes	401
924	Essential oils	623
691	Excelsior	308
983	Explosives	602
2086	Fabricated plastic products, not elsewhere classified	315
1481	Fabricated structural steel and ornamental metalwork, made in plants not operated in connection with rolling mills	1122
2074	Feathers, plumes, and artificial flowers	100
390	Felt goods, wool, hair, and jute (except woven felts and hat bodies and hats)	212
970	Fertilizers	614
774	Fiber cans, tubes, and similar products	401
1453	Files	1103
385	Finishing of men's and boys' hats of fur-felt, wool-felt, and straw	206
1497	Firearms	1103
2096	Fire extinguishers, chemical	100
993	Fireworks	602
925	Fish and other marine oils, cake, and meal	623
1310	Flat glass	1008
195	Flavoring extracts and flavoring sirups, not elsewhere classified	195
1354	Floor and wall tile (except quarry tile)	1004
141	Flour and other grain-mill products	116
199	Food preparations, not elsewhere classified	117
1751	Food-products machinery	1305
1240	Footwear (except rubber)	904
1492	Forgings, iron and steel—made in plants not operated in connection with rolling mills	100
1091	Fuel briquets	100
470	Fur coats and other fur garments, accessories, and trimmings	1615
2084	Furs, dressed and dyed	100
1475	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills	100
2041	Games and toys (except dolls and children's vehicles)	1648
851	General commercial (job) printing	508
1619	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified	1303
1321	Glass containers	1008
990	Glue and gelatin	616
1595	Gold and silver leaf and foil	1208
871	Gravure, rotogravure, and rotary photogravure (including preparation of plates)	508
1421	Gray-iron and semisteel castings	1102
991	Grease and tallow (except lubricating greases)	616
862	Greeting cards (except hand-painted)	508
963	Gum naval stores (processing but not gathering or warehousing)	317
1372	Gypsum products	100
2093	Hair work	100
483	Handkerchiefs—made in contract factories	217
482	Handkerchiefs—made in inside factories or by jobbers engaging contractors	217
2053	Hand stamps, stencils, and brands	100
1459	Hardware not elsewhere classified	1101
961	Hardwood distillation and charcoal manufacture	633
426	Hat and cap materials; trimmings, etc	206
381	Hat bodies and hats, fur-felt	206
382	Hat bodies and hats, wool-felt	206
383	Hats, straw	206
384	Hatters' fur	206
1469	Heating and cooking apparatus, except electric, not elsewhere classified	1119
351	Hosiery—full-fashioned	207
352	Hosiery—seamless	207
1362	Hotel china	1004
435	House dresses, uniforms, and aprons—made in contract factories	216
434	House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors	216

INDUSTRIES, 1939—ALPHABETICAL LIST—Continued

Industry No.	Industry	Form No.
496	Housefurnishings (except curtains, draperies, and bedspreads)	218
619	Household furniture, except upholstered	309
124	Ice cream and ices	118
197	Ice, manufactured	119
1221	Industrial leather belting and packing leather	901
1769	Industrial machinery, not elsewhere classified	1305
933	Insecticides, fungicides, and related industrial and household chemical compounds	611
1630	Insulated wire and cable	1303
1712	Internal-combustion engines	1304
1552	Jewelers' findings and materials	1210
2072	Jewelry cases and instrument cases	100
1551	Jewelry (precious metals)	1210
398	Jute goods (except felt)	202
353	Knitted cloth	207
357	Knitted gloves	207
355	Knitted outerwear (except knit gloves)—contract factories	207
354	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors	207
356	Knitted underwear	207
632	Laboratory, hospital, and other professional furniture	309
391	Lace goods	208
2073	Lamp shades	100
1553	Lapidary work	1210
695	Lasts and related products	320
1781	Laundry equipment, domestic	1313
1250	Leather gloves and mittens	217
1299	Leather goods not elsewhere classified	906
1212	Leather: tanned, curried, and finished—contract factories	907
1211	Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors	907
1580	Lighting fixtures	1207
1375	Lime	1002
397	Linen goods	202
374	Linoleum, asphalted-felt-base, and other hard-surface floor coverings, not elsewhere classified	220
922	Linseed oil, cake, and meal	623
185	Liquors, distilled	185
186	Liquors, rectified or blended	186
861	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)	508
1911	Locomotives (including frames) and parts: railroad, mining, and industrial	1405
511	Logging camps and logging contractors (not operating sawmills)	311
992	Lubricating oils and greases—not made in petroleum refineries	616
198	Macaroni, spaghetti, vermicelli, and noodles	198
891	Machine and hand typesetting (including advertisement typesetting)	508
1768	Machine-shop products, not elsewhere classified	1305
1770	Machine-shop repairs	1305
1742	Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools	1307
1741	Machine tools	1307
1422	Malleable-iron castings	1102
183	Malt	122
182	Malt liquors	134
693	Matches	312
611	Mattresses and bedsprings	1624
1760	Measuring and dispensing pumps	1309
1765	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)	1620
111	Meat packing, wholesale	123
1766	Mechanical power-transmission equipment	1305
425	Men's and boys' hats and caps (except felt and straw)	206
414	Men's and boys' shirts (except work shirts), collars, and nightwear—made in contract factories	215
413	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors	215

INDUSTRIES, 1939—ALPHABETICAL LIST—Continued

Industry No.	Industry	Form No.
412	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories	215
411	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors	215
416	Men's and boys' underwear—made in contract factories	215
415	Men's and boys' underwear—made in inside factories or by jobbers engaging contractors	215
424	Men's neckwear—made in contract factories	215
423	Men's neckwear—made in inside factories or by jobbers engaging contractors	215
1749	Metalworking machinery and equipment, not elsewhere classified	1307
451	Millinery	222
1395	Minerals and earths, ground or otherwise treated	100
1373	Mineral wool	1020
1733	Mining machinery and equipment	1305
696	Mirror frames and picture frames	313
1330	Mirrors and other glass products made of purchased glass	1016
2099	Miscellaneous fabricate dproducts not elsewhere classified	100
499	Miscellaneous fabricated textile products not elsewhere classified	218
2092	Models and patterns (except paper patterns)	100
1380	Monuments, tombstones, cut-stone, and stone products not elsewhere classified	1014
1941	Motorcycles, bicycles, and parts	1409
1810	Motor vehicles, motor-vehicle bodies, parts and accessories	1408
996	Mucilage, paste, and other adhesives, except glue and rubber cement	618
2039	Musical instruments, parts, and materials not elsewhere classified	1628
1442	Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills	1101
1394	Natural graphite, ground and refined	100
2095	Needles, pins, hooks and eyes, and slide and snap fasteners	1211
812	Newspapers: publishing and printing	508
811	Newspapers: publishing without printing	508
181	Nonalcoholic beverages	101
1397	Nonclay refractories	1004
1591	Nonferrous-metal foundries (except aluminum)	1212
1599	Nonferrous-metal products not elsewhere classified	1212
1771	Office and store machines not elsewhere classified	1302
620	Office furniture	309
1462	Oil burners, domestic and industrial	1119
1732	Oil-field machinery and tools	1305
193	Oleomargarine—not made in meat-packing establishments	120
2014	Ophthalmic goods: lenses and fittings	1631
2013	Optical instruments and lenses	1631
2032	Organs	1628
1032	Oven coke and coke-oven byproducts	701
911	Paints, varnishes, and lacquers	626
720	Paper and paperboard mills	407
760	Paper bags, except those made in paper mills	401
779	Paperboard containers and boxes not elsewhere classified	401
1754	Paper-mill, pulp-mill, and paper-products machinery	1305
641	Partitions, shelving, cabinet work, and office and store fixtures	309
1051	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition	100
2052	Pencils (except mechanical) and crayons	1634
2051	Pens, mechanical pencils, and pen points	1634
932	Perfumes, cosmetics, and other toilet preparations	611
822	Periodicals: publishing and printing	508
821	Periodicals: publishing without printing	508
1011	Petroleum refining	705

INDUSTRIES, 1939—ALPHABETICAL LIST—Continued

Industry No.	Industry	Form No.
893	Photoengraving, not done in printing establishments (including preparation of plates)	508
2012	Photographic apparatus and materials and projection equipment (except lenses)	1636
2033	Piano and organ parts and materials	1628
2031	Pianos	1628
135	Pickled fruits and vegetables and vegetable sauces and seasonings	105
531	Planing mills not operated in conjunction with sawmills	314
982	Plastic materials	608
532	Plywood mills (also see Schedule No. 314—Planing-mill and related products)	311
1364	Porcelain electrical supplies	1004
1369	Pottery products not elsewhere classified	1004
115	Poultry dressing and packing, wholesale	126
1463	Power boilers and associated products	1122
142	Prepared feeds (including mineral) for animals and fowls	116
134	Preserves, jams, jellies, and fruit butters	105
1510	Primary smelting and refining of nonferrous metals	1212
987	Printing ink	618
1755	Printing-trades machinery and equipment	1325
394	Processed waste and recovered wool fibers—contract factories	211
393	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors	211
2011	Professional and scientific instruments (except surgical and dental)	1620
631	Public-building furniture	309
794	Pulp goods (pressed, molded)	315
711	Pulp mills	410
1761	Pumping equipment and air compressors	1309
137	Quick-frozen foods	105
1661	Radios, radio tubes, and phonographs	1319
486	Raincoats and other waterproof garments (except oiled cotton)	215
652	Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets	301
951	Rayon and allied products	629
332	Rayon broad woven goods—contract factories	203
331	Rayon broad woven goods—regular factories or jobbers engaging contractors	203
333	Rayon narrow fabrics	203
335	Rayon throwing and spinning—contract factories	203
334	Rayon yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	203
1191	Reclaimed rubber	801
1784	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units	1310
144	Rice cleaning and polishing	127
485	Robes, lounging garments, and dressing gowns	215
1052	Roofing, built-up and roll; asphalt shingles; roof coating (except paint)	1638
1353	Roofing tile	1004
1121	Rubber boots and shoes (including rubber-soled footwear with fabric uppers)	801
1199	Rubber products not elsewhere classified	801
1291	Saddlery, harness, and whips	906
1498	Safe and vaults	100
136	Salad dressings	105
984	Salt	100
1396	Sand-lime brick, block and tile	1005
114	Sausage casings—not made in meat-packing establishments	128
113	Sausages, prepared meats, and other meat products—not made in meat-packing establishments	128
520	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	311
1454	Saws	1103
1776	Scales and balances	1302
1495	Screw-machine products and wood screws	1101

INDUSTRIES, 1939—ALPHABETICAL LIST—Continued

Industry No.	Industry	Form No.
1531	Secondary smelting and refining, gold, silver, and platinum	1212
1532	Secondary smelting and refining of nonferrous metals, not elsewhere classified	1212
1355	Sewer pipe and kindred products	1004
1783	Sewing machines, domestic and industrial	1313
1597	Sheet-metal work not specifically classified	1129
1931	Shipbuilding and ship repairing	1410
2085	Signs, advertising displays, and advertising novelties	1640
322	Silk broad woven goods—contract factories	203
321	Silk broad woven goods—regular factories or jobbers engaging contractors	203
323	Silk narrow fabrics	203
325	Silk throwing and spinning—contract factories	203
324	Silk yarn and thread, spun or thrown—regular factories or jobbers engaging contractors	203
1561	Silverware and plated ware	1213
1272	Small leather goods	906
941	Soap and glycerin	611
2091	Soda fountains, beer dispensing equipment, and related products	100
923	Soybean oil, cake, and meal	623
125	Special dairy products	117
1759	Special-industry machinery, not elsewhere classified	1305
2049	Sporting and athletic goods not elsewhere classified	1642
1494	Springs, steel (except wire)—made in plants not operated in connection with rolling mills	1118
1473	Stamped and pressed metal products (except automobile stampings)	1129
1398	Statuary and art goods (except stone and concrete)—factory production	100
1464	Steam and hot-water heating apparatus (including hot-water furnaces)	1119
1393	Steam and other packing; pipe and boiler covering	1001
1711	Steam engines, turbines, and water wheels	1304
1466	Steam fittings, regardless of material	1119
1496	Steel barrels, kegs, and drums	1129
1423	Steel castings	1102
1412	Steel works and rolling mills	1112
1767	Stokers, mechanical, domestic and industrial	1305
1465	Stoves, ranges, water heaters, and hot-air furnaces (except electric)	1119
1260	Suitcases, brief cases, bags, trunks, and other luggage	906
2021	Surgical and medical instruments	1620
2022	Surgical supplies and equipment not elsewhere classified; orthopedic appliances	1645
484	Suspenders, garters, and other goods made from purchased elastic material	217
1329	Tableware, pressed or blown glass, and glassware not elsewhere classified	1008
980	Tanning materials, natural dyestuffs, mordants, assistants, and sizes	632
1352	Terra cotta	1004
497	Textile bags—not made in textile mills	218
1752	Textile machinery	1313
1596	Tin and other foils (except gold and silver foil)	1208
1430	Tin cans and other tinware not elsewhere classified	1129
1111	Tires and inner tubes	801
231	Tobacco (chewing and smoking) and snuff	1608
2088	Tobacco pipes and cigarette holders	100
1452	Tools (except edge tools, machine tools, files, and saws)	1103
1721	Tractors	1301
1999	Transportation equipment not elsewhere classified	1404
493	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories	221
492	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors	221
427	Trousers (semidress), wash suits, and washable service apparel	215

INDUSTRIES, 1939—ALPHABETICAL LIST—Continued

Industry No.	Industry	Form No.
2087	Umbrellas, parasols, and canes	100
612	Upholstered household furniture	309
929	Vegetable and animal oils, not elsewhere classified	623
1772	Vending, amusement, and other coin-operated machines	1305
663	Venetian blinds	314
196	Vinegar and cider	105
1361	Vitreous-china plumbing fixtures	1004
1471	Vitreous enameled products, including kitchen, household, and hospital utensils	1129
1374	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition	1020
793	Wallpaper	401
1542	Watchcases	1202
1363	Whiteware	1004
661	Window and door screens and weather strip	318
662	Window shades	100
184	Wines	184
1441	Wire drawn from purchased rods	1126
1449	Wirework not elsewhere classified	1126
1611	Wiring devices and supplies	1303
431	Women's and misses' blouses and waists—made in contract factories	216
430	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors	216
439	Women's and misses' clothing, not elsewhere classified—made in contract factories	216
438	Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors	216
433	Women's and misses' dresses (except house dresses)—made in contract factories	216
432	Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors	216

INDUSTRIES, 1939—ALPHABETICAL LIST—Continued

Industry No.	Industry	Form No.
442	Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics	216
441	Women's, children's, and infants' underwear and nightwear of knitted fabrics	216
443	Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics	216
449	Women's neckwear, scarfs, etc	216
1271	Women's pocketbooks, handbags, and purses	906
654	Wooden boxes except cigar boxes	301
962	Wood naval stores	633
694	Wood preserving	319
699	Wood products not elsewhere classified	320
1753	Woodworking machinery	1305
342	Woolen and worsted manufactures—contract factories	212
341	Woolen and worsted manufactures—regular factories or jobbers engaging contractors	212
2094	Wool pulling	100
429	Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified	215
480	Work gloves and mittens: cloth, cloth and leather combined	217
428	Work shirts	215
997	Writing ink	618
1493	Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills	1114
1692	X-ray and therapeutic apparatus and electronic tubes	1303
	SPECIAL INQUIRY	
9011	Motion pictures, not including projection in theaters	1679

APPENDIX D

Industry Group 1.—FOOD AND KINDRED PRODUCTS

1939 Industry No.	Classifications, 1939	1939 Form No.	1937 Industry No.
	The Group as a Whole		
	This group of industries covers establishments primarily engaged in the manufacture of foods and beverages for human consumption, and certain related products such as artificial ice, chewing gum, and prepared feeds for animals and fowls.		
	MEAT PRODUCTS		
111	**Meat packing, wholesale**	123	*123
	Establishments primarily engaged in the slaughtering of livestock for their own account to be sold fresh or used as material in canning, curing, making sausage, lard, and other products. Also, establishments which do no slaughtering but purchase meats from others and use as material in canning, curing, etc. The manufacturing of sausages and meat specialties from purchased meats is classified in Industry 113.		
112	**Custom slaughtering, wholesale**	123	*123
	Establishments primarily engaged in the slaughtering of cattle, hogs, sheep, and other animals on a contract basis as a service to others. Hides and other by-products may be retained in partial payment for this service, and may therefore be reported as the principal product of such establishments.		
113	**Sausages, prepared meats, and other meat products—not made in meat-packing establishments**	128	128
	Establishments primarily engaged in the production of sausages, prepared meats, and meat specialties, where no slaughtering operations are performed on the premises. Sausage or meat kitchens, operated by packing houses but not located on the same premises are included in this industry. Dressing and canning of poultry, rabbits, and other small game are included in Industry 115.		
114	**Sausage casings—not made in meat-packing establishments**	128	137
	Establishments primarily engaged in the manufacture of sausage casings from animal, artificial, or synthetic materials.		
115	**Poultry dressing and packing, wholesale**	126	126
	Establishments primarily engaged in the dressing, packing, and canning of poultry, rabbits, and other small game for the wholesale trade.		
	DAIRY PRODUCTS		
121	**Creamery butter**	103	103
	Establishments primarily engaged in the manufacture of creamery butter. Separating stations operated on the premises of butter factories are included in this industry. Milk and cream purchasing stations and the production of butter on farms are not considered to be manufacturing industries. Processed butter is included in Industry 125, Special dairy products.		
122	**Cheese**	103	107
	Establishments primarily engaged in the manufacture of natural cheese, and which may on the same premises produce process cheese. The manufacture of process cheese from purchased natural cheese is included in Industry 125, Special dairy products.		
123	**Condensed and evaporated milk**	103	111
	Establishments primarily engaged in the manufacture of condensed and evaporated milk, and related products such as dried and powdered milk and whey and ice cream mix.		
124	**Ice cream and ices**	118	118
	Establishments primarily engaged in the manufacture of frozen desserts made of milk, cream, fruit juices, and flavoring extracts.		
125	**Special dairy products**	117	*117
	Establishments primarily engaged in the manufacture of processed butter, processed cheese, cheese pastes and spreads, malted milk, and fermented milks. Establishments classified in this industry do not manufacture creamery butter, natural cheese, or dried or powdered milk.		
	CANNED AND PRESERVED FOODS		
131	**Canned fish, crustacea, and mollusks**	104	*104
	Establishments primarily engaged in the cooking and canning of fish and other sea foods. Shucking and packing of fresh oysters is not considered to be a manufacturing industry.		
132	**Cured fish**	104	*104
	Establishments primarily engaged in the smoking, salting, drying or otherwise curing of fish for the wholesale trade.		

*Part of.

Industry Group 1.—FOOD AND KINDRED PRODUCTS—Continued

1939 Industry No.	Classifications, 1939	1939 Form No.	1937 Industry No.
	CANNED AND PRESERVED FOODS Continued		
133	**Canned and dried fruits and vegetables (including canned soups)**	105	*105
	Establishments primarily engaged in the drying or canning of fruits and vegetables, including the canning of soups other than chicken soup (115).		
134	**Preserves, jams, jellies, and fruit butters**	105	*105
	Establishments primarily engaged in the manufacture of preserves, jams, jellies, and fruit butters.		
135	**Pickled fruits and vegetables and vegetable sauces and seasonings**	105	*105
	Establishments primarily engaged in the manufacture of pickled fruits and vegetables, relishes, vegetable sauces, and vegetable seasonings.		
136	**Salad dressings**	105	*105
	Establishments primarily engaged in the manufacture of salad dressings.		
137	**Quick-frozen foods**	105	*105
	Establishments primarily engaged in the quick-freezing of fruits and vegetables for ultimate delivery to the consumer in a frozen state.		
	GRAIN-MILL PRODUCTS		
141	**Flour and other grain-mill products**	116	116
	Establishments primarily engaged in the milling of grains except rice. The chief products of these establishments are flour and meal. Such flour and grain mills may produce cracked grain used as cereal or stock feed, or blended and prepared flours, principally from products ground in the same establishment.		
142	**Prepared feeds (including mineral) for animals and fowls**	116	114
	Establishments primarily engaged in the manufacture of prepared feeds for animals and fowls. Prepared feeds include those made from grain as a principal ingredient, and those made principally from ingredients other than grain, such as digestible tankage, meat, bone meal, fish meal, oils, lime, sugar, molasses, alfalfa, and ground oyster shells. Dry feed produced by establishments engaged in the milling of grain alone is classified in Industry 141.		
143	**Cereal preparations**	116	*106
	Establishments primarily engaged in the manufacture of cereal preparations, such as cereal-breakfast foods, coffee substitutes, hominy, prepared and self-rising flours, etc., made wholly or chiefly from grain milled by the establishment. Cracked grain is not considered to be a cereal preparation, and is included in Industry 141.		
144	**Rice cleaning and polishing**	127	127
	Establishments primarily engaged in the cleaning and polishing of rice, and in manufacturing rice flour or meal.		
145	**Blended and prepared flour made from purchased flour**	116	*106
	Establishments primarily engaged in the preparation of prepared (self-rising) or blended flour from purchased flour. Establishments classified in this industry are not engaged in grinding flour from grain.		
	BAKERY PRODUCTS		
151	**Bread and other bakery products (except biscuit, crackers, and pretzels)**	102	*102
	Establishments primarily engaged in the manufacture of bread, cakes, hand-made cookies, doughnuts, pies, pastries, etc. These are establishments producing "perishable" bakery products in contrast to the "dry" products classified in Industry 152.		
152	**Biscuit, crackers, and pretzels**	102	*102
	Establishments primarily engaged in the manufacture of biscuit, crackers, machine-made cookies, pretzels, etc., packed in containers so as to retain their palatability for an indefinite period. Establishments producing "perishable" bakery products are classified in Industry 151.		
	SUGAR		
161	**Cane sugar—except refineries**	130	130
	Establishments primarily engaged in the manufacture of raw sugar, sirup, or finished cane sugar from sugar cane. Establishments engaged in the refining of sugar from purchased sirup or raw sugar are classified in Industry 162.		
162	**Cane-sugar refining**	131	131
	Establishments primarily engaged in the refining of purchased raw cane sirup or sugar.		

Industry Group 1.—FOOD AND KINDRED PRODUCTS—Continued

1939 Industry No.	Classifications, 1939	1939 Form No.	1937 Industry No.
	SUGAR—Continued		
163	**Beet sugar** — Establishments primarily engaged in the manufacture of sugar from sugar beets.	129	129
	CONFECTIONERY AND RELATED PRODUCTS		
171	**Candy and other confectionery products** — Establishments primarily engaged in the manufacture of candy and confections, except solid chocolate bars (172), and chewing gum (173). Salted nuts, stuffed dates, popcorn balls, and related products are included in this industry.	112	112
172	**Chocolate and cocoa products** — Establishments primarily engaged in the manufacture of chocolate from cacao beans, and the further manufacture of cocoa, cocoa butter, and solid chocolate bars. Chocolate candies (fancy package, bulk, count) are classified in Industry 171.	109	109
173	**Chewing gum** — Establishments primarily engaged in the manufacture of chewing gum from crude gum, chicle, paraffin or similar materials.	112	108
	BEVERAGES		
181	**Nonalcoholic beverages** — Establishments primarily engaged in the manufacture of nonalcoholic beverages, whether carbonated or not, such as root beer, ginger ale, and carbonated mineral waters. The bottling of natural spring waters is not considered a manufacturing industry. Establishments primarily producing fruit and vegetable juices are included in Industry 133, producing fruit sirups for flavoring are included in Industry 195, and producing cider are included in Industry 196.	101	101
182	**Malt liquors** — Establishments primarily engaged in the manufacture of all kinds of malt liquors, such as ale, beer, porter, stout, and of malt extract. This industry does not include bottlers of malt liquors brewed by others.	134	134
183	**Malt** — Estalishments primarily engaged in the manufacture of malt, chiefly from barley and to some extent from other grain. Malthouses operated by breweries and reported separately are included in this industry.	122	122
184	**Wines** — Establishments primarily engaged in the production of wines both dry and sweet. Establishments primarily bottling or barreling wines produced, blended, or processed by others are not considered part of the manufacturing industries.	184	135
185	**Liquors, distilled** — Establishments primarily engaged in the production of distilled liquors. This industry does not include rectifying and blending establishments (186) nor establishments engaged solely in bottling purchased liquors. Bottling establishments are not considered a part of the manufacturing industry.	185	133
186	**Liquors, rectified or blended** — Establishments primarily engaged in the rectifying and blending of distilled liquors and making of cordials and alcoholic cocktails by mixing liquors and other ingredients. Rectifying plants operated by distillers are treated as separate establishments and are covered by this classification. Establishments engaged solely in bottling purchased liquors are not included. Bottling establishments are not considered a part of the manufacturing industry.	186	136
	MISCELLANEOUS FOOD PREPARATIONS AND KINDRED PRODUCTS		
191	**Baking powder, yeast, and other leavening compounds**	603	603
192	**Cooking and other edible fats and oils not elsewhere classified** — Establishments primarily engaged in the manufacture of edible vegetable and compound shortenings, vegetable cooking oils, salad oils, and other refined table oils by further processing animal and vegetable oils produced in other industries. Establishments primarily producing oleomargarine are included in Industry 193, primarily producing corn oil are included in Industry 194, and primarily producing cottonseed, linseed, soybean, marine, and other animal and vegetable oils are included in Group 9.	120	120
193	**Oleomargarine—not made in meat-packing establishments** — Establishments primarily engaged in the manufacture of commodities known as oleomargarine, butterine, nut margarine, nut butter, etc.	120	124
194	**Corn sirup, corn sugar, corn oil, and starch** — Establishments primarily engaged in the manufacture of sirup, sugar oil, and starch from corn, potato, root, wheat, and other starches.	113	113

*Part of

Industry Group 1.—FOOD AND KINDRED PRODUCTS—Continued

1939 Industry No.	Classifications, 1939	1939 Form No.	1937 Industry No.
	MISCELLANEOUS FOOD PREPARATIONS AND KINDRED PRODUCTS—Continued		
195	**Flavoring extracts and flavoring sirups, not elsewhere classified** — Establishments primarily engaged in the manufacture of flavoring extracts, sirups, and fruit juices for soda fountain use or for the manufacture of soft drinks, and colors for bakers' and confectioners' use.	195	115
196	**Vinegar and cider**	105	132
197	**Ice, manufactured** — Establishments primarily engaged in the manufacture of ice for sale. The harvesting and storage of natural ice are not included in manufacturing industries.	119	119
198	**Macaroni, spaghetti, vermicelli, and noodles** — Establishments primarily engaged in the manufacture of macaroni, spaghetti, vermicelli, noodles, and related products.	198	121
199	**Food preparations, not elsewhere classified** — Establishments primarily engaged in the manufacture of food specialties which are not assigned specifically to other industries in the "Food and Kindred Products" major group.	117	*117

Industry Group 2.—TOBACCO MANUFACTURES

1939 Industry No.	Classifications, 1939	1939 Form No.	1937 Industry No.
	The Group as a Whole — This group of industries includes establishments primarily engaged in the manufacture of cigarettes, cigars, smoking and chewing tobacco, and snuff and which on the same premises may sort, dry, cure, or stem tobacco. The manufacture of insecticides from tobacco byproducts is included in the Chemicals and Allied Products group. Establishments primarily engaged in curing, sorting, or stemming tobacco are not included in the manufacturing industries.		
211	**Cigarettes**	1608	1652
221	**Cigars**	1608	1608
231	**Tobacco (chewing and smoking) and snuff**	1608	1647

Industry Group 3.—TEXTILE-MILL PRODUCTS AND OTHER FIBER MANUFACTURES

1939 Industry No.	Classifications, 1939	1939 Form No.	1937 Industry No.
	The Group as a Whole — This group of industries includes establishments primarily engaged in performing any of the following operations: 1. Manufacturing batting, wadding, packing, felts, yarns, and cordage and twine; 2. Manufacturing woven cloth, carpets and rugs, braids, laces, knit cloth and knit garments or products from finished or unfinished yarns; 3. Dyeing and finishing fibers, yarns, and cloths; 4. Coating, waterproofing, and otherwise treating fabrics. (The rubberizing of fabrics is included in the Rubber Products group.)		
	COTTON MANUFACTURES		
311	**Cotton broad woven goods** — Establishments primarily engaged in the weaving of fabrics over 12 inches in width, wholly of cotton, or with the warp predominantly of cotton yarn. These fabrics may be woven of finished or unfinished cotton yarn.	203	*2031 2034 2042
312	**Cotton narrow fabrics** — Establishments primarily engaged in the weaving or braiding of fabrics 12 inches and narrower in width, wholly of cotton, or with the warp predominantly of cotton yarn or cotton covered elastic yarn. These fabrics may be woven of finished or unfinished cotton yarn.	203	2032
313	**Cotton yarn** — Establishments primarily engaged in the spinning, twisting, winding, and spooling of cotton yarn for sale as such.	203	*2033
314	**Cotton thread** — Establishments primarily engaged in the spinning, twisting, and manufacturing of cotton sewing thread or crochet, darning, hand knitting, and embroidery cottons for sale as such.	203	*2033

Industry Group 3.—TEXTILE-MILL PRODUCTS AND OTHER FIBER MANUFACTURES—Continued

1939 Industry No.	Classifications, 1939	1939 Form No.	1937 Industry No.
	SILK MANUFACTURES		
321	**Silk broad woven goods—regular factories or jobbers engaging contractors** This industry includes regular factories or jobbers engaging contractors who produce for sale from their own materials fabrics over 12 inches in width entirely of silk yarns or with the warp predominantly of silk yarns. These fabrics may be woven of finished or unfinished silk yarns.	203	*2102
322	**Silk broad woven goods—contract factories** This industry includes establishments primarily engaged in weaving fabrics over 12 inches in width on a contract basis from materials owned by others. These fabrics are woven entirely of silk yarns or with the warp predominantly of silk yarns and may be woven of finished or unfinished silk yarns.	203	*2102
323	**Silk narrow fabrics** Establishments primarily engaged in the weaving or braiding of fabrics 12 inches and under in width entirely of silk yarns or with the warp predominantly of silk yarns. These fabrics may be woven of finished or unfinished silk yarns.	203	2103
324	**Silk yarn and thread, spun or thrown—regular factories or jobbers engaging contractors** This industry includes regular factories or jobbers engaging contractors primarily engaged in throwing, twisting, or spinning of silk yarns for sale as such, or for own use.	203	2104
325	**Silk throwing and spinning—contract factories** Establishments primarily engaged in the throwing, twisting, or spinning of silk yarns on a contract basis.	203	2101
	RAYON MANUFACTURES		
331	**Rayon broad woven goods—regular factories or jobbers engaging contractors** This industry includes regular factories or jobbers engaging contractors who produce for sale from their own materials fabrics over 12 inches in width entirely of rayon yarns or with the warp predominantly of rayon yarns. These fabrics may be woven of finished or unfinished rayon yarns.	203	*2092
332	**Rayon broad woven goods—contract factories** This industry includes establishments primarily engaged in weaving fabrics over 12 inches in width on a contract basis from materials owned by others. These fabrics are woven entirely of rayon yarns or with the warp predominantly of rayon yarns, and may be woven of finished or unfinished rayon yarns.	203	*2092
333	**Rayon narrow fabrics** Establishments primarily engaged in the weaving or braiding of fabrics 12 inches and under in width entirely of rayon yarns or with the warp predominantly of rayon yarns. These fabrics may be woven of finished or unfinished rayon yarns.	203	2093
334	**Rayon yarn and thread, spun or thrown—regular factories or jobbers engaging contractors** This industry includes regular factories or jobbers engaging contractors primarily engaged in throwing, twisting, or spinning of rayon yarns for sale as such, or for own use.	203	2094
335	**Rayon throwing and spinning—contract factories** Establishments primarily engaged in the throwing, twisting, or spinning of rayon yarns on a contract basis.	203	2091
	WOOLEN AND WORSTED MANUFACTURES		
341	**Woolen and worsted manufactures—regular factories or jobbers engaging contractors** Regular factories or jobbers engaging contractors who are primarily engaged in scouring or carbonizing wool, combing top on worsted combs from their own wool, rayon, or other fiber; spinning, twisting, winding, or beaming yarns spun on woolen or worsted systems of spinning (other than carpet or rug yarns, 372); also establishments engaged in weaving fabrics and related products, other than carpets or rugs, wholly or in part from their own yarns spun on the woolen or worsted systems or from horsehair or other hairs.	212	*2121 *2122 *2123 *2124 *2125 *2126 *2128
342	**Woolen and worsted manufactures—contract factories** This industry includes contract factories primarily engaged in scouring or carbonizing wool, combing top on worsted combs from wool, rayon, or other fiber owned by others, spinning, twisting, winding, or beaming yarns spun on woolen or worsted systems of spinning (other than carpet or rug yarns, 372) on a contract basis; also includes establishments engaged in weaving fabrics and related products owned by others, other than carpets or rugs, wholly or in part from yarns spun on the woolen or worsted systems or from horsehair or other hairs.	212	*2121 *2122 *2123 *2124 *2125 *2126

*Part of

Industry Group 3.—TEXTILE-MILL PRODUCTS AND OTHER FIBER MANUFACTURES—Continued

1939 Industry No.	Classifications, 1939	1939 Form No.	1937 Industry No.
	WOOLEN AND WORSTED MANUFACTURES—Continued		
343	**Dyeing and finishing woolen and worsted** Establishments primarily engaged in dyeing and finishing fabrics woven wholly or in part from yarns spun on the woolen or worsted systems, or in dyeing wool, top, or yarns spun on the woolen or worsted systems.	212	*2123 *2126 2128
	KNIT GOODS		
351	**Hosiery—full-fashioned** Establishments primarily engaged in the knitting, dyeing, or finishing of full-fashioned hosiery.	207	*2071
352	**Hosiery—seamless** Establishments primarily engaged in the knitting, dyeing, or finishing of seamless hosiery.	207	*2071
353	**Knitted cloth** Establishments primarily engaged in the knitting of tubular or flat cloth, and in the dyeing or finishing of knit cloth.	207	2072
354	**Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors** Knitting mills or jobbers engaging contractors primarily engaged in the knitting of outerwear for sale, except knitted gloves and mittens (357). The manufacture of knitted outerwear from purchased knit cloth is included in Group 4, "Apparel and Other Finished Products Made from Fabrics and Similar Materials."	207	2073
355	**Knitted outerwear (except knit gloves)—contract factories** This industry includes contract factories engaged in the knitting of outerwear from materials owned by others, except knitted gloves and mittens (357). The manufacture of knitted outerwear from purchased knit cloth is included in Group 4, "Apparel and Other Finished Products Made from Fabrics and Similar Materials."	207	2273
356	**Knitted underwear** Establishments primarily engaged in the knitting of underwear on machines.		2074
357	**Knitted gloves** Establishments primarily engaged in the knitting of gloves and mittens.	207	2075
	DYEING AND FINISHING TEXTILES EXCEPT WOOLEN AND WORSTED		
361	**Dyeing and finishing cotton, rayon, silk, and linen textiles** Establishments primarily engaged in the bleaching, dyeing, printing, finishing or otherwise converting fabrics of cotton, rayon, silk, and linen or mixtures of these fibers, and the dyeing and finishing of yarn and thread of cotton, rayon, silk, and linen. Establishments primarily engaged in the dyeing or finishing of knit hosiery or knit cloth are included in Industries 351, 352, and 353; establishments primarily sponging or shrinking textiles for tailors, dressmakers, and to custom order are not included in the manufacturing industries.	203	2041 *2042 2043
362	**Cloth sponging and miscellaneous special finishing** Establishments primarily engaged in sponging cloth and miscellaneous special finishing such as waxing cloth, varnishing cambric and buckram.	212 203	*2152 *2042 *2043
	CARPETS, RUGS, AND OTHER FLOOR COVERINGS		
371	**Carpets and rugs, wool** Establishments primarily engaged in the weaving of carpets and rugs wholly or in part of yarns spun on the woolen or worsted systems.	2000	2013
372	**Carpet yarn, woolen and worsted** Establishments primarily engaged in the spinning on the woolen or worsted systems of yarns for use in carpets and rugs.	2000	2014
373	**Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags** Establishments primarily engaged in the manufacture of door mattings, floor mattings, art squares, rugs, and carpets from such materials as twisted paper, wire grass, reeds, coir (cocoa fiber), sisal, jute, and rags.	100	2011 2012 *2022 *2023 *2031
374	**Linoleum, asphalted-felt-base, and other hard-surface floor coverings, not elsewhere classified** Establishments primarily engaged in the manufacture of hard-surfaced floor coverings, including cork carpets. Establishments manufacturing rubber flooring are included in Industry 1199	220	2221 2222

Industry Group 3.—TEXTILE-MILL PRODUCTS AND OTHER FIBER MANUFACTURES—Continued

1939 Industry No.	Classifications, 1939	1939 Form No.	1937 Industry No.
	HATS EXCEPT CLOTH AND MILLINERY		
381	**Hat bodies and hats, fur-felt** Establishments primarily engaged in the manufacture of soft and stiff hat bodies and hats, made chiefly from hatters' fur, for men, women, and children.	206	*2061
382	**Hat bodies and hats, wool-felt** Establishments primarily engaged in the manufacture of hat bodies and hats, made chiefly of wool, wool noils, wool shoddy, etc., for men, women, and children.	206	2062
383	**Hats, straw** Establishments primarily engaged in the manufacture of men's, women's, and children's hats made from straw and similar fibers. The finishing of Panama and other straw hat bodies and hats is included in Industry 385. The trimming of straw hats for women and children from purchased straw bodies is included in Industry 451.	206	*2063
384	**Hatters' fur** Establishments primarily engaged in the production of hatters' fur for further processing in establishments included in Industry 381.	206	*2064
385	**Finishing of men's and boys' hats of fur-felt, wool-felt, and straw**	206	*2061 *2063
	MISCELLANEOUS TEXTILE GOODS		
390	**Felt goods, wool, hair, and jute (except woven felts and hat bodies and hats)** Establishments primarily engaged in the manufacture of insulating and automotive felts, under-rug mats, and other felt goods by means of heat, moisture, and pressure, or by the needle-loom process. Establishments primarily engaged in manufacturing woven felts are included in Industries 341 and 342, and wool felt hats in Industry 382.	212	2051
391	**Lace goods** Establishments primarily engaged in the manufacture of all lace machine products. Establishments primarily engaged in machine embroidering are included in Industries 488, 490, and 491.	208	2081
392	**Batting, padding, and wadding; upholstery filling** Establishments primarily engaged in the manufacture of batting, padding, wadding, and upholstery filling from such materials as curled hair, moss, flax tow, or hemp tow, etc.	211	2111
393	**Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors** This industry includes regular factories or jobbers engaging contractors who are primarily engaged in recovering fibers from their own materials, such as clippings, manufacturing wastes, cotton, wool, rayon, silk, and jute. Establishments primarily engaged in the production of oakum from their own materials are also included in this industry.	211	*2112
394	**Processed waste and recovered wool fibers—contract factories** This industry includes contract factories who are primarily engaged in recovering fibers from materials owned by others, such as clippings, manufacturing wastes, cotton, wool, rayon, silk, and jute. Establishments primarily engaged in the production of oakum from materials owned by others are also included in this industry.	211	*2112
395	**Artificial leather and oilcloth** Establishments primarily engaged in the manufacture of all kinds of artificial leather and oilcloth, regardless of method of manufacture, materials, or use of finished product.	220	2201 2202
397	**Linen goods** Establishments primarily engaged in the manufacture of flax yarn and thread and fabrics of linen, and linen and cotton mixtures.	202	*2023
398	**Jute goods (except felt)** Establishments primarily engaged in the manufacture of jute into yarn and jute goods such as bagging and webbing. Establishments manufacturing jute felts are included in Industry 390 and jute rugs in Industry 373.	202	*2022
399	**Cordage and twine** Establishments primarily engaged in the manufacture of rope, cable, cordage, twine, and related goods, from hemp, cotton, manila, paper, and other fiber.	202	2021

*Part of.

Industry Group 4.—APPAREL AND OTHER FINISHED PRODUCTS MADE FROM FABRICS AND SIMILAR MATERIALS

1939 Industry No.	Classifications, 1939	1939 Form No.	1937 Industry No.
	The Group as a Whole The cutting up industries or needle trades produce clothing and other fabricated articles from purchased woven or knitted fabrics. All types of textiles are utilized, as well as leather, rubber, fur, and other materials. Custom tailors and dressmakers, not operating on a factory basis, are excluded from the scope of these industries. A substantial number of establishments in these industries work on a contract basis from materials owned by others. The manufacturer or jobber owns the materials, assigns the piece goods to a contract factory for fabrication, and sells the finished products.		
	MEN'S AND BOYS' TAILORED CLOTHING		
411	**Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors** Establishments primarily engaged in the production for sale from their own materials of men's, youths', and boys' suits, overcoats, and dress trousers. Establishments manufacturing men's work and sport garments are included in Industries 428 and 429.	215	*2151
412	**Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories** Establishments primarily engaged in the manufacture of men's, youths', and boys' suits, overcoats, and dress trousers on a contract basis from materials owned by others. Establishments manufacturing men's work and sport garments are included in Industries 428 and 429.	215	*2152
	MEN'S AND BOYS' FURNISHINGS, WORK AND SPORT GARMENTS		
413	**Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors** This industry includes inside factories or jobbers engaging contractors who are primarily engaged in producing for sale from their own materials men's, youths', and boys' shirts (except work shirts, Industry 428), collars, and nightwear made from purchased woven or knitted fabric.	215	2132
414	**Men's and boys' shirts (except work shirts), collars, and nightwear—made in contract factories** Establishments primarily engaged in the production on a contract basis from materials owned by others of men's, youths', and boys' shirts (except work shirts, Industry 428), collars, and nightwear made from purchased woven or knit fabric.	215	2242
427	**Trousers (semidress), wash suits, and washable service apparel** Establishments primarily engaged in the production of men's and boys' slacks and other semidress trousers, cotton wash suits, and washable service apparel. Establishments manufacturing dress trousers are included in Industries 411 and 412.	215	2135
428	**Work shirts** Establishments primarily engaged in the manufacture of men's and boys' work shirts and flannel shirts.	215	*2133
429	**Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel not elsewhere classified** Establishments primarily engaged in the production of men's and boys' overalls, work pants, industrial garments (other than washable service apparel, Industry 427), children's play suits, oiled cotton garments, mackinaws, lumber jackets, blanket-lined coats, ski and snow suits, hunting and riding and related garments, and other heavy outerwear, not elsewhere classified. Establishments primarily manufacturing semidress trousers are included in Industry 427, work and flannel shirts in Industry 428, and leather and sheep-lined garments in Industry 487.	215	*2133
	MEN'S AND BOYS' UNDERWEAR		
415	**Men's and boys' underwear—made in inside factories or by jobbers engaging contractors** This industry includes inside factories or jobbers engaging contractors who are primarily engaged in producing for sale from their own materials men's, youths', and boys' underwear, made from purchased woven or knit fabrics. Establishments knitting underwear are included in Industry 356.	215	2141
416	**Men's and boys' underwear—made in contract factories** Establishments primarily engaged in the production on a contract basis from materials owned by others of men's, youths', and boys' underwear made from purchased woven or knit fabrics. Establishments knitting underwear are included in Industry 356	215	2241

Industry Group 4.—APPAREL AND OTHER FINISHED PRODUCTS MADE FROM FABRICS AND SIMILAR MATERIALS—Continued

1939 Industry No.	Classifications, 1939	1939 Form No.	1937 Industry No.
	MEN'S AND BOYS' NECKWEAR		
423	**Men's neckwear—made in inside factories or by jobbers engaging contractors**	215	*2143
	Establishments primarily engaged in the production for sale from their own materials of men's and boys' neckties, scarfs, and mufflers. Establishments knitting neckties, scarfs, and mufflers are included in Industry 354.		
424	**Men's neckwear—made in contract factories**	215	*2243
	Establishments primarily engaged in the production of men's and boys' neckties, scarfs, and mufflers on a contract basis from materials owned by others. Establishments knitting neckties, scarfs, and mufflers are included in Industry 355.		
	MEN'S AND BOYS' HATS AND CAPS AND HAT AND CAP MATERIALS		
425	**Men's and boys' hats and caps (except felt and straw)**	206	2142
	Establishments primarily engaged in the production of men's and boys' hats and caps except those made from felt (Industries 381 and 382) and straw (Industry 383).		
426	**Hat and cap materials; trimmings, etc.**	206	*2064
	Establishments primarily engaged in the manufacture of hat and cap findings such as cap visors, sweat bands, and trimmings from purchased materials. Establishments primarily engaged in tip printing or stamping are included in this industry.		
	WOMEN'S AND MISSES' OUTER CLOTHING		
430	**Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors**	216	2161
431	**Women's and misses' blouses and waists made in contract factories**	216	2231
432	**Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors**	216	2165
	Establishments primarily engaged in the production for sale from their own materials of silk, rayon, and wool dresses, and cotton dresses made to sell by the piece and to retail above $2. Ensemble dresses of all materials are included in this industry. The manufacture of house dresses to sell by the dozen and to retail for less than $2 each is included in Industries 434 and 435.		
433	**Women's and misses' dresses (except house dresses)—made in contract factories**	216	2234
	Establishments primarily engaged in the production on a contract basis from materials owned by others of silk, rayon, and wool dresses, and cotton dresses made to sell by the piece and to retail above $2. Ensemble dresses of all materials are included in this industry. House dresses to sell by the dozen and to retail for less than $2 each are included in Industries 434 and 435.		
434	**House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors**	216	2166
	Establishments primarily engaged in the production for sale from their own materials of house dresses chiefly of cotton fabric made to sell by the dozen and to retail under $2 each, and nurses' and maids' uniforms, aprons, smocks, and hoovers.		
435	**House dresses, uniforms, and aprons—made in contract factories**	216	2238
	Establishments primarily engaged in the production on a contract basis from materials owned by others of house dresses chiefly of cotton fabric made to sell by the dozen and to retail under $2 each, and nurses' and maids' uniforms, aprons, smocks, and hoovers.		
436	**Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors**	216	2163
	Establishments primarily engaged in the production for sale from their own materials of women's and misses' suits, skirts, ensemble suits, and coats, except fur coats (Industry 470).		
437	**Coats, suits, and skirts (except fur coats)—made in contract factories**	216	2233
	Establishments primarily engaged in the production on a contract basis from materials owned by others of women's and misses' suits, skirts, ensemble suits, and coats, except fur coats (Industry 470).		
438	**Women's and misses' clothing not elsewhere classified—made in inside factories or by jobbers engaging contractors**	216	*2169
	Establishments primarily engaged in the production from their own materials of women's and misses' clothing not elsewhere classified such as bathing suits made from purchased fabric, beach wear, riding habits, ski suits, etc.		

*Part of.

Industry Group 4.—APPAREL AND OTHER FINISHED PRODUCTS MADE FROM FABRICS AND SIMILAR MATERIALS—Continued

1939 Industry No.	Classifications, 1939	1939 Form No.	1937 Industry No.
	WOMEN'S AND MISSES' OUTER CLOTHING—Continued		
439	**Women's and misses' clothing, not elsewhere classified—made in contract factories**	216	*2237
	Establishments primarily engaged in the production on a contract basis from materials owned by others of women's and misses' clothing not elsewhere classified such as bathing suits, beach wear, riding habits, ski suits, etc.		
	WOMEN'S UNDERGARMENTS AND ACCESSORIES		
441	**Women's, children's, and infants' underwear and nightwear of knitted fabrics**	216	2168
	Establishments primarily engaged in the production of women's, children's, and infants' underwear and nightwear of purchased knitted fabrics. Establishments knitting underwear and nightwear are classified in Industry 356.		
442	**Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics**	216	2160
443	**Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics**	216	*2169 *2237
	This industry includes inside factories or jobbers engaging contractors who produce for sale from their own materials women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics.		
445	**Corsets and allied garments**	216	2164
	Establishments primarily engaged in the production of corsets, brassieres, girdles, garter belts, combination or one-piece garments, and corset accessories.		
449	**Women's neckwear, scarfs, etc.**	216	*2169 *2237
	Establishments primarily engaged in the production of women's neckwear, scarfs, and rufflings from purchased fabrics. The knitting of neckwear or scarfs is classified in Industries 354 and 355.		
	MILLINERY		
451	**Millinery**	222	*2167 2267
	Establishments primarily engaged in the production of women's, misses', children's, and infants' wool-felt, fur-felt, straw, and fabric trimmed hats from purchased hat bodies and materials made in inside factories or by jobbers, or in contract factories. Establishments producing fur-felt and wool-felt hat bodies and hats are classified in Industries 381 and 382.		
	CHILDREN'S AND INFANTS' OUTERWEAR		
461	**Children's dresses—made in inside factories or by jobbers engaging contractors**	216	*2162
	This industry includes inside factories or jobbers engaging contractors who are primarily engaged in manufacturing children's and infants' dresses and sportswear. Women's and misses' sportswear is classified in Industries 438 and 439.		
462	**Children's dresses—made in contract factories**	216	*2236
	Establishments primarily engaged in the manufacture of children's and infants' dresses and sportswear made on a contract basis from materials owned by others. Women's and misses' sportswear is classified in Industries 438 and 439		
463	**Children's coats—made in inside factories or by jobbers engaging contractors**	216	*2162
464	**Children's coats—made in contract factories**	216	*2236
465	**Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors**	216	*2162
466	**Children's and infants' wear not elsewhere classified—made in contract factories**	216	*2236
	FUR GOODS		
470	**Fur coats and other fur garments, accessories, and trimmings**	1615	1615 1665
	Establishments primarily engaged in the manufacture of fur coats and other fur garments, accessories, and trimmings made in inside factories or by jobbers, and in contract factories.		
	MISCELLANEOUS APPAREL		
446	**Belts (apparel), regardless of material**	216	2143 *906 *2169
	Establishments primarily engaged in the production of apparel belts (made for sale) for men, women, and children whether made of leather, fabric, or other materials.		

Industry Group 4.—APPAREL AND OTHER FINISHED PRODUCTS MADE FROM FABRICS AND SIMILAR MATERIALS—Continued

1939 Industry No.	Classifications, 1939	1939 Form No.	1937 Industry No.
	MISCELLANEOUS APPAREL—Continued		
480	**Work gloves and mittens: cloth, cloth and leather combined** Establishments primarily engaged in the manufacture of work gloves and mittens made of cloth or of cloth and leather combined. Establishments knitting gloves are included in Industry 357, producing strictly leather gloves in Industry 1250, and producing rubber gloves in Industry 1199.	217	*2171
481	**Dress and semidress gloves and mittens: cloth, cloth and leather combined** Establishments primarily engaged in the manufacture of dress and semidress gloves and mittens made of cloth or of cloth and leather combined. Establishments knitting gloves are included in Industry 357, producing strictly leather gloves in Industry 1250, and producing rubber gloves in Industry 1199.	217	*2171
482	**Handkerchiefs—made in inside factories or by jobbers engaging contractors**	217	2172
483	**Handkerchiefs—made in contract factories**	217	2272
484	**Suspenders, garters, and other goods made from purchased elastic material** Establishments primarily engaged in the manufacture of suspenders, arm bands, garters, hose supporters, and other elastic products made from purchased fabric. Establishments producing corsets and allied garments are included in Industry 445.	217	2173
485	**Robes, lounging garments, and dressing gowns** Establishments primarily engaged in the manufacture of men's, women's, and children's bath robes, lounging garments, and dressing gowns.	215	*2143 *2169 *2237 *2243
486	**Raincoats and other waterproof garments (except oiled cotton)** Establishments primarily engaged in the manufacture of rubberized raincoats and other waterproof garments, except oiled fabric garments (Industry 429). Rubber garments and vulcanized rubber garments are included in Industry 1199.	215	*2151 *2169 *2152 *2237
487	**Clothing, leather and sheep-lined** Establishments primarily engaged in the manufacture of leather garments and sheep-lined garments for work and sportswear, except gloves and mittens (Industry 1250).	215	2134
	EMBROIDERIES AND TRIMMINGS		
488	**Embroideries: Schiffli-machine products** This industry includes regular factories or jobbers engaging contractors who produce for sale from their own materials Schiffli-machine embroideries for apparel and housefurnishing goods.	221	2211 *2244
490	**Embroideries, other than Schiffli-machine products—made in regular factories or by jobbers engaging contractors** This industry includes regular factories or jobbers engaging contractors who produce for sale from their own materials of bonnaz and machine-made embroideries other than Schiffli-machine products.	221	2212
491	**Embroideries, other than Schiffli-machine products—contract factories** Establishments primarily engaged in the production on a contract basis from materials owned by others of bonnaz and hand-machine embroideries other than Schiffli-machine products.	221	2245
492	**Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors** This classification includes pleating, stitching, and tucking from own materials.	221	2213
493	**Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories** This classification includes pleating, stitching, and tucking for the trade.	221	2246
	MISCELLANEOUS FABRICATED TEXTILE PRODUCTS		
494	**Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors** This industry includes regular factories or jobbers engaging contractors who produce for sale from their own materials curtains, draperies, and bedspreads. Goods of this type fabricated in dyeing and finishing plants are not included.	218	2181

*Part of.

Industry Group 4.—APPAREL AND OTHER FINISHED PRODUCTS MADE FROM FABRICS AND SIMILAR MATERIALS—Continued

1939 Industry No.	Classifications, 1939	1939 Form No.	1937 Industry No.
	MISCELLANEOUS FABRICATED TEXTILE PRODUCTS—Continued		
495	**Curtains, draperies, and bedspreads—contract factories** Establishments primarily engaged in the manufacture on a contract basis from materials owned by others of curtains, draperies, and bedspreads. Goods of this type fabricated in dyeing and finishing plants are not included.	218	2281
496	**Housefurnishings (except curtains, draperies, and bedspreads)** Establishments primarily engaged in the manufacture of housefurnishing goods such as sheets, pillowcases, napkins, table cloths, comfortables, pillows, mops and dusters, slip covers, laundry bags, etc. Products of this kind fabricated in dyeing and finishing establishments are not included in this classification. Curtains, draperies, and bedspreads are included in Industries 494 and 495.	218	2182
497	**Textile bags—not made in textile mills** Establishments primarily engaged in the manufacture of cotton, burlap, and other bags from purchased textiles. Laundry bags are included in Industry 496.	218	2192
498	**Canvas products (except bags)** Establishments primarily engaged in the manufacture of awnings, tents, sails, canvas covers, tarpaulins, and canopies.	218	2191
499	**Miscellaneous fabricated textile products not elsewhere classified**	218	2193 2194

Industry Group 5.—LUMBER AND TIMBER BASIC PRODUCTS

1939 Industry No.	Classifications, 1939	1939 Form No.	1937 Industry No.
	The Group as a Whole This group includes establishments primarily engaged in the basic lumber industries. These establishments include logging camps, sawmills, veneer mills, shingle mills, lath mills, cooperage-stock mills, planing mills, and plywood mills.		
	LOGGING		
511	**Logging camps and logging contractors (not operating sawmills)** Establishments primarily engaged in the making of logs, bolts, and rough timber products such as hewn crossties, poles, posts, hewn mine timbers, wheel and handlestock, and excelsior stock whether cut for own account or on a contract basis.	311	*311
	SAWMILLS AND SPECIAL-PRODUCT MILLS		
520	**Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills** Establishments primarily engaged in producing rough lumber, shingles, lath, sawed crossties, veneer, and cooperage stock. *Sawmills* which further manufacture lumber into boxes, crates, and shooks are classified in this industry. Mills producing veneer and cooperage stock for use in further manufacture in the same plant are classified according to the finished product.	311	*311
	PLANING AND PLYWOOD MILLS		
531	**Planing mills not operated in conjunction with sawmills** Establishments primarily engaged in the manufacturing of dressed lumber, sash, doors, window and door frames, interior woodwork, molding, etc. Planing mills connected with sawmills are included in Industry 520.	314	*314
532	**Plywood mills** Establishments primarily engaged in the manufacturing of plywood from veneer which is either purchased or produced in own plant.	311	*311 *314

Industry Group 6.—FURNITURE AND FINISHED LUMBER PRODUCTS

1939 Industry No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Industry No.
	The Group as a Whole		
	This group of industries includes establishments primarily engaged in the manufacture of furniture made of wood, cane, metal, or other materials, made entirely or partly of wood or wood substitutes, and articles related to those made of wood, such as mattresses and springs, because they are either produced in the same plants or sold in the same markets. The treatment of wood with creosote and other preserving [illegible] is included in this group. There are establishments [illegible] which are not included in this group, for example, equipment specifically designed for [illegible] and wooden musical instruments, and wooden toys and playground equipment, [illegible] etc. Woodworking in connection with construction on the job (carpentry work, etc.), woodworking to individual order or in the nature of remodeling and repair is not regarded as part of the manufacturing industries.		
	HOUSEHOLD FURNITURE		
611	**Mattresses and bedsprings**	1624	1624
	Establishments primarily engaged in the manufacture of mattresses (including box spring mattresses); assembled wire springs (fabric, coil, or box) for use on beds, couches, and chairs; and spring cushions. Individual spiral springs are included in Industry 1449.		
612	**Upholstered household furniture**	309	*309
	Establishments primarily engaged in the manufacture of upholstered household furniture, regardless of whether frames are made of wood, reed, and rattan, or metal. Reupholstering of furniture and upholstering frames to individual orders are not considered a part of the manufacturing industries.		
619	**Household furniture except upholstered**	309	*309
	Establishments primarily engaged in the manufacture of household furniture made of wood, reed, and rattan, or metal, not upholstered, including cases and cabinets for radios and sewing machines, and other furniture commonly used in dwellings, not elsewhere classified.		
	OFFICE FURNITURE		
620	**Office furniture**	309	*309
	Establishments primarily engaged in the manufacture of office furniture, whether made of wood, reed, and rattan, or metal. Restaurant furniture is also included in this group.		
	PUBLIC-BUILDING AND PROFESSIONAL FURNITURE		
631	**Public-building furniture**	309	*309
	Establishments primarily engaged in the manufacture of furniture for schools, theaters, assembly halls, churches, and libraries. Seats for public conveyances are classified in this industry. Stone furniture is included in Industry 1380.		
632	**Laboratory, hospital, and other professional furniture**	309	*309
	Establishments primarily engaged in the manufacture of specially designed cabinets, tables, beds, and other furniture, including furniture (not equipment) used in barber shops and beauty parlors.		
	PARTITIONS		
641	**Partitions, shelving, cabinet work, and office and store fixtures**	309	*309
	Establishments primarily engaged in the manufacture of partitions, shelving, prefabricated cabinets, show and display cases (except for refrigeration), and office and store fixtures made from wood or other materials. Fabricated wooden store fronts are included in this industry.		
	WOODEN CONTAINERS		
651	**Baskets for fruits and vegetables**	301	*301
	Establishments primarily engaged in the manufacture of fruit and vegetable baskets and hampers, round store baskets, and climax baskets of all kinds, made of veneer, splints, reed, rattan, willow, etc.		
652	**Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets**	301	*301
	Establishments primarily engaged in the manufacture of baskets, other than fruit and vegetable, and small articles made of veneer, reed, rattan, willow, splints, etc.		

*Part of.

Industry Group 6.—FURNITURE AND FINISHED LUMBER PRODUCTS—Continued

1939 Industry No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Industry No.
	WOODEN CONTAINERS—Continued		
653	**Cigar boxes: wooden, part wooden**	301	303
	Establishments primarily engaged in the manufacture of boxes of wood or partly of wood in which cigars are packed for sale. Paper cigar boxes are classified in Industry 770.		
654	**Wooden boxes except cigar boxes**	301	304
	Establishments primarily engaged in the manufacture of wooden boxes, cases, crates, box shooks, and carrier trays. Wooden storage battery boxes and fancy boxes of wood covered with cloth are included in this industry. Wooden cigar boxes are classified in Industry 653.		
655	**Cooperage**	306	306
	Establishments primarily engaged in the manufacture of barrels, kegs, tubs, hogsheads, and other containers made of staves. Cooperage stock made for sale as such is classified in Industry 720.		
	WINDOW AND DOOR SCREENS, SHADES, AND VENETIAN BLINDS		
661	**Window and door screens and weather strip**	318	318
	Establishments primarily engaged in the manufacture of window and door screens and weather strip, regardless of materials used.		
662	**Window shades**	100	1651
	Establishments primarily engaged in the manufacture of complete window shades, window shade rollers and fixtures; curtain rods, poles, and fixtures. The assembling of window shades from purchased parts is included in this industry.		
663	**Venetian blinds**	314	*314
	Establishments primarily engaged in the manufacture of venetian blinds, regardless of materials used. Venetian blind slats are classified in Industry 531.		
	MORTICIANS' GOODS		
671	**Caskets, coffins, burial cases, and other morticians' goods**	305	305
	Establishments primarily engaged in the manufacture of caskets, coffins, burial cases, and shipping cases whether of wood or other materials (except concrete); morticians' supplies and accessories, such as burial garments, gloves, slippers, casket linings, and embalming fluids; and morticians' paraphernalia and equipment.		
	MISCELLANEOUS WOOD PRODUCTS		
691	**Excelsior**	308	308
	Establishments primarily engaged in the manufacture of excelsior made of wood, and excelsior pads and wrappers.		
692	**Cork products**	307	307
	Establishments primarily engaged in the manufacture of bottle corks, life preservers, insulating materials, tile, and other articles made of cork, ground cork, and cork composition. Linoleum and cork carpet are included in Industry 374.		
693	**Matches**	312	312
	Establishments primarily engaged in the manufacture of matches, regardless of materials used.		
694	**Wood preserving**	319	319
	Establishments primarily engaged in treating wood to prevent decay and to protect against fire and insects.		
695	**Lasts and related products**	320	310
	Establishments primarily engaged in the manufacture of lasts for boots and shoes, last sole patterns, shoe trees, and display forms for boots and shoes, regardless of material used.		
696	**Mirror frames and picture frames**	313	313
	Establishments primarily engaged in the manufacture of finished picture moldings, frames for mirrors, pictures, photographs, and medallions. Framing pictures for the trade is included in this industry, but establishments framing pictures for individual orders are not considered part of the manufacturing industries. Establishments framing mirrors are included in Industry 1330.		
699	**Wood products not elsewhere classified**	320	320
	Establishments primarily engaged in the manufacture of turned and shaped wooden products not elsewhere classified.		

Industry Group 7.—PAPER AND ALLIED PRODUCTS

1939 Industry No.	Classifications, 1939	1939 Form No.	1937 Industry No.
	The Group as a Whole		
	This group of industries includes the manufacture of pulp primarily from wood, and from rags and other fibers; the conversion of these pulps into any kind of paper and paperboard; and the manufacture of paper and paperboard into converted paper products such as paper bags, paper boxes, cards, envelopes, etc. Special converted paper products are classified elsewhere, such as abrasive paper with other abrasive materials in Industry 1391, carbon paper with other typewriting supplies in Industry 2055, and photosensitized and blueprint paper with other photographic supplies in Industry 2012.		
	PULP MILLS		
711	**Pulp mills** Establishments primarily engaged in the making of pulp from wood and from other fibers, such as rags, cotton linters, straw, etc.	410	410
	PAPER AND PAPERBOARD MILLS		
720	**Paper and paperboard mills** Establishments primarily engaged in the manufacture of all kinds of paper such as newsprint, book, cover, writing, wrapping, tissue, absorbent, building, and miscellaneous paper. All kinds of paperboards including wallboard and insulating board made strictly on paper machines. Converted paper products made in paper mills are classified in this industry. Establishments manufacturing wall and insulating board not made on paper machines are classified in Industry 1374. An independent factory making converted paper products is given its specific industry classification.	407	407
	CONVERTED PAPER PRODUCTS		
740	**Coated and glazed paper** Establishments primarily engaged in the manufacture of coated-book, waxed, and gummed paper (including gummed labels and paper and cloth tape), and other coated and glazed paper made from purchased stock. Waterproofed wrapping paper, fly paper, and cloth-lined paper are also classified in this industry. Carbon paper is included in Industry 2055, and photographic and blueprint paper in Industry 2012.	401	*408
751	**Envelopes** Establishments primarily engaged in the manufacture of paper envelopes of any description, including those made for filing, wrapping, etc.	401	405
760	**Paper bags, except those made in paper mills** Establishments primarily engaged in the manufacture of paper bags of any description. Cellophane bags are included in Industry 2086.	401	401
774	**Fiber cans, tubes, and similar products** Establishments primarily engaged in the manufacture of fiber cans, cones, cores, mailing cases, ribbon blocks, spools, tubes, and similar products with or without metal ends.	401	*402 *408 *315
779	**Paperboard containers and boxes not elsewhere classified** Establishments primarily engaged in the manufacture of folding and set-up boxes, corrugated and solid-fiber shipping containers, decorated, lithographed, lacquered, and fancy-covered paper boxes, and other paper and paperboard boxes and containers.	401	*402
791	**Die-cut paper and paperboard, and converted cardboard** Establishments primarily engaged in the manufacture of bottle caps, converted cardboard, photograph mats, folders, etc., and index, jacquard, library, and other cut cards.	401	403 404 *408
793	**Wallpaper** Establishments primarily engaged in the designing of patterns and printing paper for interior walls and ceilings. (The paper itself, designated as "hanging paper," is made in paper mills.)	401	411
799	**Converted paper products not elsewhere classified** Establishments primarily engaged in the manufacture of crepe paper, cups, dishes, etc., egg-case fillers, paper napkins and towels, papeteries, playing cards, printed and unprinted paper patterns, tags, seals, soda straws, tablets, toilet paper, facial tissues, etc.	401	*408 *508
	PULP GOODS		
794	**Pulp goods (pressed, molded)** Establishments primarily engaged in the manufacture of all kinds of pressed and molded pulp goods, such as pulp plates and utensils, and all papier mâché articles, except statuary. Statuary is classified in Industry 1398.	315	*315

*Part of.

Industry Group 8.—PRINTING, PUBLISHING, AND ALLIED INDUSTRIES

1939 Industry No.	Classifications, 1939	1939 Form No.	1937 Industry No.
	The Group as a Whole		
	This group of industries includes printing, publishing, lithographing, and engraving establishments, and establishments performing services for the printing trade such as typesetting, photoengraving, electrotyping, stereotyping, rotogravure, and bookbinding. The group includes publishers doing no printing, publishers doing their own printing, and printers doing no publishing. Publishers doing commercial or job printing are classified as publishers even though the job printing is the main source of income. News syndicates are not included in the manufacturing industries.		
	NEWSPAPERS		
811	**Newspapers: publishing without printing** Establishments primarily engaged in preparing and publishing, but not printing, newspapers. Establishments specializing in printing newspapers for publishers are included in Industry 851, General commercial (job) printing.	508	*510
812	**Newspapers: publishing and printing** Establishments primarily engaged in preparing, publishing, and printing newspapers. These establishments carry on the various operations necessary to issue newspapers, including editorial and mechanical departments. Establishments specializing in printing newspapers for publishers are included in Industry 851, General commercial (job) printing.	508	*510
	PERIODICALS		
821	**Periodicals: publishing without printing** Establishments primarily engaged in preparing and publishing, but not printing, periodicals. Establishments specializing in printing periodicals for publishers are included in Industry 851, General commercial (job) printing.	508	*510
822	**Periodicals: publishing and printing** Establishments primarily engaged in preparing, publishing, and printing periodicals. These establishments carry on the various operations necessary to issue periodicals, including editorial and mechanical departments. Establishments specializing in printing periodicals for publishers are included in Industry 851, General commercial (job) printing.	508	*510
	BOOKS		
831	**Books: publishing without printing** Establishments primarily engaged in publishing, but not manufacturing, books and pamphlets. The publishing and manufacturing of books and pamphlets, or the manufacturing of books and pamphlets, are included in Industries 832 and 833.	508	*508
832	**Books: publishing and printing** Establishments primarily engaged in publishing and manufacturing books and pamphlets. These establishments carry on the various operations necessary to issue books and pamphlets, including editorial and mechanical departments. Establishments specializing in printing books and pamphlets for publishers are included in Industry 833.	508	*508
833	**Books: printing without publishing** Establishments primarily engaged in printing of books and pamphlets for publishers by letterpress, lithograph, or other processes.	508	*508 *507 *506
	GENERAL COMMERCIAL (JOB) PRINTING		
851	**General commercial (job) printing** Establishments primarily engaged in commercial or job printing (letterpress). This industry includes general printing shops as well as shops specializing in printing newspapers and periodicals for others. Job printing by the lithographing process is included in Industry 861. Establishments specializing in printing books and pamphlets for publishers are included in Industry 833.	508	*508
	LITHOGRAPHING		
861	**Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers)** Establishments primarily engaged in the preparation of lithograph plates of stone or of metal, and printing from such plates. The greater part of the work done in the industry is lithographing done on a job or custom basis to individual order, but in some cases lithographed calendars, commercial forms, maps, illustrated cards, posters, etc., are made for sale. That branch of lithography known as offset printing is included in this classification. Lithographing of books and pamphlets for publishers is classified in Industry 833.	508	*506

Industry Group 8.—PRINTING, PUBLISHING, AND ALLIED INDUSTRIES—Continued

1939 Industry No.	Classifications, 1939	1939 Form No.	1937 Industry No.
	GREETING CARDS		
862	**Greeting cards (except hand-painted)**	508	*508 *506 *504
	Establishments primarily engaged in designing and manufacturing greeting, valentine, and Christmas cards, and Christmas seals, printed, lithographed, etched, and otherwise processed. This industry includes establishments designing only, or manufacturing only, or both, designing and manufacturing these products. The hand painting of greeting cards is not included in the manufacturing activities.		
	GRAVURE, ROTOGRAVURE, AND ROTARY PHOTOGRAVURE		
871	**Gravure, rotogravure, and rotary photogravure (including preparation of plates)**	508	*507
	Establishments primarily engaged in the preparation of gravure, photogravure, and rotary photogravure plates, and in printing from such plates.		
	BOOKBINDING AND RELATED INDUSTRIES		
880	**Bookbinding and related industries**	508	501
	Establishments primarily engaged in the binding of books and pamphlets (chiefly on a contract or custom basis); in the manufacture of blank books, such as ledgers, account books, sales books, etc., loose-leaf devices and fillers for such devices, inventory and similar blanks and indexes, and in related work, such as paper ruling and cutting, embossing, paper and card edging, map and sample mounting, etc. The binding done by manufacturers of books is included in Industry 832.		
	SERVICE INDUSTRIES FOR THE PRINTING TRADES		
891	**Machine and hand typesetting (including advertisement typesetting)**	508	*508
	Establishments primarily engaged in machine and hand typesetting for the trade, including advertisement typesetting.		
892	**Engraving (steel, copperplate, and wood); plate printing**	508	*504
	Establishments primarily engaged in engraving and etching of steel and copperplates, for printing stationery, visiting and other cards, invitations, announcements, security certificates, music, maps, halftones, etc.; and printing from these plates; and making woodcuts for use in printing illustrations, posters, etc. Engraving for purposes other than printing is included in Industry 1571.		
893	**Photoengraving, not done in printing establishments (including preparation of plates)**	508	*507
	Establishments primarily engaged in the making of photoengraved plates for printing illustrations, and artwork, post cards, greeting cards, magazine covers, halftone engravings, etc. The establishments do not, as a rule, print from the plates which they make, but prepare them for use by others.		
894	**Electrotyping and stereotyping, not done in printing establishments**	508	512
	Establishments primarily engaged in the making of stereotype and electrotype plates. Such establishments do not, as a rule, print from the stereotype and electrotype plates, but prepare them for use by others.		

Industry Group 9.—CHEMICALS AND ALLIED PRODUCTS

1939 Industry No.	Classifications, 1939	1939 Form No.	1937 Industry No.
	The Group as a Whole		
	This group of industries includes establishments producing basic chemicals and establishments manufacturing products by predominantly chemical operations. Establishments in the group manufacture, in general, three classes of products: (1) basic chemicals, such as acids, alkalis, salts, organic chemicals, etc.; (2) semifinished chemical products to be used in further manufacturing, such as rayon yarns, plastic materials, crude animal and vegetable oils, dry colors, pigments, etc.; (3) finished chemical products to be used for ultimate consumption, such as drugs, cosmetics, and soaps, etc., or for use as supplies in other industries, such as paints, fertilizers, explosives, etc. The manufacture of some chemicals is assigned to major groups other than this group, for example, (1) baking powder and other leavening compounds used in food manufacturing are included in Group 1; (2) embalming fluids, together with other morticians' goods, in Group 6; (3) artists' colors, together with other artists' materials, in Group 20. Salt, sodium compounds, and soluble mineral salts, produced from brine, are included in this group, but mining of natural rock salt is not considered a part of the manufacturing industries.		
	PAINTS, VARNISHES, AND COLORS		
911	**Paints, varnishes, and lacquers**	626	*626
	Establishments primarily engaged in the manufacture of paints in paste form or mixed ready for use, varnishes, lacquers, calcimines, enamels, etc.		

Industry Group 9.—CHEMICALS AND ALLIED PRODUCTS—Continued

1939 Industry No.	Classifications, 1939	1939 Form No.	1937 Industry No.
	PAINTS, VARNISHES, AND COLORS—Con.		
912	**Colors and pigments**	626	*626
	Establishments primarily engaged in the manufacture of colors and pigments, other than bone black, carbon black, and lampblack (Industry 986). Artists' oil and water colors are included in Industry 2054.		
	ANIMAL AND VEGETABLE OILS (NOT INCLUDING LUBRICANTS OR COOKING AND SALAD OILS)		
921	**Cottonseed oil, cake, meal, and linters**	622	622
	Establishments primarily engaged in the manufacture of cottonseed oil, crude or refined; cake, meal, and linters. The refining of cottonseed oil into edible cooking fats and oils is included in Industry 192.		
922	**Linseed oil, cake, and meal**	623	623
923	**Soybean oil, cake, and meal**	623	*625
924	**Essential oils**	623	624
	Establishments primarily engaged in the distilling and refining of natural essential oils and witch-hazel extract. The production of aromatic synthetic oils and perfume bases of coal-tar origin is included in Industry 999.		
925	**Fish and other marine oils, cake, and meal**	623	*625
	Establishments primarily engaged in the manufacture of fish oil and meal and other marine animal oils. The refining of fish oil for medicinal purposes is included in Industry 931.		
929	**Vegetable and animal oils, not elsewhere classified**	623	*625
	Establishments primarily engaged in the manufacture of vegetable oils, other than cottonseed (921), linseed (922), soybean (923), and essential aromatic oils (924). This industry includes the manufacture of oils from castor beans, palm kernels, peanuts, etc. The refining of these oils into edible cooking fats and oils is included in Industry 192.		
	DRUGS, MEDICINES, TOILET PREPARATIONS, INSECTICIDES, AND RELATED PRODUCTS		
931	**Drugs and medicines (including drug grinding)**	611	611 612
	Establishments primarily engaged in the manufacture of drugs and medicines, and biological and pharmaceutical preparations. This industry also includes the grinding of drugs and herbs.		
932	**Perfumes, cosmetics, and other toilet preparations**	611	628
	Establishments primarily engaged in the manufacture of perfumes, cosmetics, and other toilet preparations such as toilet water, face powder, washes and lotions, hair tonic, tooth paste and powders, etc.		
933	**Insecticides, fungicides, and related industrial and household chemical compounds**	611	627 1614
	Establishments primarily engaged in the manufacture of insecticides, fungicides, deodorants, and disinfectants for household and industrial use; also other industrial compounds, such as boiler, insulating, metal and oil treating and waterproofing compounds, etc.		
	SOAP AND GLYCERIN		
941	**Soap and glycerin**	611	631
	Establishments primarily engaged in the manufacture of soap in any form, and the manufacture of crude and refined glycerin.		
	RAYON AND ALLIED PRODUCTS		
951	**Rayon and allied products**	629	629
	Establishments primarily engaged in the manufacture of rayon and allied products in fiber, yarn, sheet, or in other forms.		
	HARDWOOD DISTILLATION, CHARCOAL, AND NAVAL STORES		
961	**Hardwood distillation and charcoal manufacture**	633	*633
	Establishments primarily engaged in hardwood distillation and the manufacture of charcoal.		
962	**Wood naval stores**	633	*633
	Establishments primarily engaged in the manufacture of turpentine, rosin, and other products by distilling soft wood.		
963	**Gum naval stores (processing but not gathering or warehousing)**	317	317
	Establishments primarily engaged in the manufacture of turpentine and rosin by distilling pine gum. The manufacture of turpentine and rosin by wood distillation is included in Industry 962. The gathering or warehousing of pine gum is not considered a part of the manufacturing industries.		
	FERTILIZERS		
970	**Fertilizers**	614	614
	Establishments primarily engaged in the manufacture of commercial fertilizers and superphosphates, or mixing of fertilizer materials.		

* Part of.

Industry Group 9.—CHEMICALS AND ALLIED PRODUCTS—Continued

1939 Industry No.	Classifications, 1939	1939 Form No.	1937 Industry No.
	INDUSTRIAL CHEMICALS		
980	**Tanning materials, natural dyestuffs, mordants, assistants, and sizes** — Establishments primarily engaged in the manufacture of natural dyestuffs, tanning extracts from wood, bark, and other vegetable materials and mordants, assistants, and sizes. The manufacture of these products from coal-tar is included in Industry 999.	632	632
981	**Coal-tar products, crude and intermediate** — Establishments primarily engaged in the manufacture of coal-tar crudes and intermediates.	608	*608
982	**Plastic materials** — Establishments primarily engaged in the manufacture of plastic materials and synthetic resins such as phenolic plastics, casein, and celluloid, etc. The manufacture of rayon and allied products is included in Industry 951. The fabrication of finished products made of purchased plastic materials is classified in Industry 2086.	608	*608
983	**Explosives** — Establishments primarily engaged in the manufacture of explosives, such as nitroglycerin, dynamite, blasting and smokeless powder, safety fuses, detonating caps, etc.	602	613
984	**Salt** — Establishments primarily engaged in the manufacture of commercial salt from rock salt or from natural or artificial brine. The mining of rock salt is not included in the manufacturing industries.	100	630
985	**Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants** — Establishments primarily engaged in the manufacture of gases for sale in compressed, liquid, and solid form, such as acetylene, chlorine, hydrocarbon gases, oxygen, carbon dioxide (dry ice), etc. The production of gases in compressed or liquefied form as byproducts of petroleum refineries is included in Industry 1011; the production of natural gasoline is not included in the manufacturing industries.	610	610
986	**Bone black, carbon black, and lampblack**	606	606
999	**Chemicals not elsewhere classified** — Establishments primarily engaged in the manufacture of synthetic, organic and inorganic chemicals. Includes finished coal-tar products, industrial chemicals by electrochemical and electrometallurgical processes such as carbide, sodium and magnesium metals, ferro-alloys, acids, alkalis and salts and chemicals of all kinds by other processes not elsewhere classified. Production of copper, zinc, and aluminum are included in industry Group 15 and artificial graphite and carborundum in Group 13.	608	*608
	MISCELLANEOUS CHEMICAL PRODUCTS		
987	**Printing ink** — Establishments primarily engaged in the manufacture of printing inks of various colors, gold and bronze inks, and lithographic inks.	618	618
988	**Ammunition** — Establishments primarily engaged in the manufacture of ammunition for small arms. The manufacture of blasting and detonating caps and fuses is included in Industry 983.	602	602
989	**Cleaning and polishing preparations, blackings, and dressings** — Establishments primarily engaged in the manufacture of cleansers, washing powders, and washing compounds, containing no soap; dry cleaning preparations; metal, automobile, and other polishes; paint and varnish removers; blackings, waxes, stains, and dressings for fabricated leather and other materials; stove polish; burnishing inks, and related products.	611	604, 609
990	**Glue and gelatin** — Establishments primarily engaged in the manufacture of glues and edible and inedible gelatin from animal and vegetable materials. The manufacture of dental glue is included in Industry 2023.	616	616
991	**Grease and tallow (except lubricating greases)** — Establishments primarily engaged in the rendering of grease and tallow from animal fat, bones, meat scraps, etc. The manufacture of lubricating greases is included in Industries 992 and 1011.	616	617
992	**Lubricating oils and greases—not made in petroleum refineries** — Establishments primarily engaged in the compounding of lubricating oils and greases from purchased oils and fats. Lubricating greases made in petroleum refineries are included in Industry 1011.	616	704
993	**Fireworks** — Establishments primarily engaged in the manufacture of fireworks of all kinds, flares, and railroad torpedoes and fuses. The manufacture of safety and detonating fuses is included in Industry 983.	602	615

*Part of.

Industry Group 9.—CHEMICALS AND ALLIED PRODUCTS—Continued

1939 Industry No.	Classifications, 1939	1939 Form No.	1937 Industry No.
	MISCELLANEOUS CHEMICAL PRODUCTS—Continued		
994	**Candles** — Establishments primarily engaged in the manufacture of candles from purchased materials, such as fatty acids, mineral or animal waxes.	616	607
995	**Bluing** — Establishments primarily engaged in the manufacture of laundry bluing, soluble and liquid, aniline blue, etc., made principally from indigo and Prussian blue.	100	605
996	**Mucilage, paste, and other adhesives, except glue and rubber cement** — Establishments primarily engaged in the manufacture of mucilage, paste, mending cement, sealing wax and other adhesives, except glue and rubber cement which belong to other industries	618	621
997	**Writing ink** — Establishments primarily engaged in the manufacture of writing ink and fluids, indelible ink, drawing ink, etc.	618	619

Industry Group 10.—PRODUCTS OF PETROLEUM AND COAL

1939 Industry No.	Classifications, 1939	1939 Form No.	1937 Industry No.
	The Group as a Whole — This group of industries includes establishments refining petroleum crude oil, and manufacturing coke and coke oven products, and products made from petroleum, coal, or natural gas (except lampblack). It includes paving and roofing materials. Gas manufactured and distributed to consumers is considered as a public utility and is not included here.		
	PETROLEUM REFINING		
1011	**Petroleum refining** — Establishments primarily engaged in the refining of crude petroleum by distillation. Establishments primarily engaged in compounding refined or partly refined petroleum products are not included in this industry, and establishments producing gasoline from natural gas at the wells are not included in the manufacturing industries. The principal products named in the order of their importance are gasoline, fuel oils, lubricating oils, and illuminating oils.	705	705
	COKE AND BYPRODUCTS		
1031	**Beehive coke** — Establishments primarily engaged in the production of coke by the beehive process.	701	*701
1032	**Oven coke and coke-oven byproducts** — Establishments primarily engaged in the manufacture of coke, coal gas, tar, and other products in "byproduct" coke ovens.	701	*701
	PAVING AND ROOFING MATERIALS		
1051	**Paving blocks and paving mixtures: asphalt, creosoted wood, and composition** — Establishments primarily engaged in the manufacture of paving blocks of asphalt, creosoted wood and various compositions, and manufacture of asphalt and tar paving mixtures. Brick, concrete, granite, and stone paving blocks are included in Group 13.	100	1632
1052	**Roofing, built-up and roll; asphalt shingles; roof coating (except paint)** — Establishments primarily engaged in the manufacture of asphalt and other saturated roofing felts, in rolls or in shingle form, either smooth or faced with gut, and manufacture of roofing cements and coatings (except paint, 911).	1638	1638
	PRODUCTS OF PETROLEUM AND COAL NOT ELSEWHERE CLASSIFIED		
1091	**Fuel briquets** — Establishments primarily engaged in the manufacture of briquets and boulets from anthracite culm, bituminous slack, peat, etc., mixed with tar or pitch as a binder, and manufacture of charcoal briquets and powdered fuel.	100	702

Industry Group 11.—RUBBER PRODUCTS

1939 Industry No.	Classifications, 1939	1939 Form No.	1937 Industry No.
	The Group as a Whole		
	This group of industries includes establishments manufacturing rubber products of all kinds, such as tires, rubber footwear, mechanical rubber goods, and rubber sundries. This group also includes establishments specializing in recleaning rubber or in retreading rubber tires. The manufacture of elastic webbing is included in the cotton narrow fabrics Industry 312, products made of elastic webbing in Industry 484, and the manufacture of garments from rubberized fabrics in Industry 486. The products of this industry may be made from natural rubber or from synthetic rubber the manufacture of which is classified in Industry 999.		
	TIRES AND INNER TUBES		
1111	**Tires and inner tubes**	801	803
	Establishments primarily engaged in the manufacture of pneumatic tires, inner tubes, and solid and cushion rubber tires for any class of vehicle.		
	RUBBER BOOTS AND SHOES		
1121	**Rubber boots and shoes (including rubber-soled footwear with fabric uppers)**	801	801
	Establishments primarily engaged in the manufacture of all-rubber footwear, waterproof fabric-upper footwear, and other fabric-upper footwear having rubber soles.		
	MISCELLANEOUS RUBBER INDUSTRIES		
1191	**Reclaimed rubber**	801	*802
	Establishments primarily engaged in the reclaiming of rubber. This industry does not include the reclaiming of rubber in plants engaged in manufacturing rubber goods.		
1199	**Rubber products not elsewhere classified**	801	*802
	Establishments primarily engaged in the manufacture of rubber heels, soles, including composition or fiber; soling strips; mechanical soft rubber goods such as belts, hose and tubing, plumbers' supplies; hard rubber goods such as battery boxes, combs, cigar and cigarette holders, and druggists' sundries; rubber tile, flooring; rubberized fabrics and clothing; sponge rubber products; tire sundries and repair materials and tire retreading done on a factory basis.		

Industry Group 12.—LEATHER AND LEATHER PRODUCTS

1939 Industry No.	Classifications, 1939	1939 Form No.	1937 Industry No.
	The Group as a Whole		
	This group of industries includes establishments tanning, currying, and finishing hides and skins, and establishments manufacturing finished products of leather, such as industrial belting and packing, boot and shoe cut-stock and findings, footwear, gloves and mittens, luggage, women's handbags, saddlery and harness, small leather goods, and miscellaneous leather goods. Establishments manufacuring similar articles made from fabric, such as fabric shoes, fabric handbags, fabric luggage, etc., are included in these industries. Regular manufacturers, contractors, and jobbers engaging contractors are within the scope of the Leather industries.		
	LEATHER: TANNED, CURRIED, AND FINISHED		
1211	**Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors**	907	907
	This industry includes regular factories or jobbers engaging contractors who are engaged in tanning, currying, and finishing sole and belting leather, upper and lining leather, and the japanning and finishing of leather from their own materials.		
1212	**Leather: tanned, curried, and finished—contract factories**	907	907
	This industry includes factories engaged in tanning, currying, and finishing sole and belting leather, upper and lining leather, and the japanning and finishing of leather on a contract basis.		
	LEATHER PRODUCTS		
1221	**Industrial leather belting and packing leather**	901	901
	Establishments primarily engaged in the manufacture of leather belting used for transmission of power, and leather packing.		
1230	**Boot and shoe cut stock and findings**	902	902
	Establishments primarily engaged in the manufacture of soles, inner soles, and other cut stock including leather welting, shanks, heel and toe caps, leather shoe laces; finished wood heels and other boot and shoe findings are also included in this industry.		

*Part of.

Industry Group 12.—LEATHER AND LEATHER PRODUCTS—Continued

1939 Industry No.	Classifications, 1939	1939 Form No.	1937 Industry No.
	LEATHER PRODUCTS—Continued		
1240	**Footwear (except rubber)**	904	904
	Establishments primarily engaged in the manufacture of boots, shoes, sandals, slippers, moccasins, and allied footwear, and leggings, overgaiters, etc., made chiefly of leather, but to some extent of canvas and other textiles. The manufacture of house slippers, regardless of material, is included in this industry. Establishments manufacturing rubber-soled canvas footwear are included in Industry 1121.		
1250	**Leather gloves and mittens**	217	905
	Establishments primarily engaged in the manufacture of gloves and mittens exclusively of leather (except sporting and athletic gloves, Industry 2049). The manufacture of gloves and mittens of cloth and leather combined is included in Industries 480 and 481.		
1260	**Suitcases, brief cases, bags, trunks, and other luggage**	906	910
	Establishments primarily engaged in the manufacture of trunks, suitcases, bags, brief cases, and related luggage products, regardless of material.		
1271	**Women's pocketbooks, handbags, and purses**	906	908
	Establishments primarily engaged in the manufacture of women's handbags and purses regardless of material.		
1272	**Small leather goods**	906	911
	Establishments primarily engaged in the manufacture of small articles from leather, such as billfolds, card cases, cigarette cases, key cases, etc.		
1291	**Saddlery, harness, and whips**	906	909
	Establishments primarily engaged in the manufacture of saddles and parts, harness and parts, halters, horse boots, feed bags, whips and crops, whipstocks, whip handles, etc.		
1299	**Leather goods not elsewhere classified**	906	*906

Industry Group 13.—STONE, CLAY, AND GLASS PRODUCTS

1939 Industry No.	Classifications, 1939	1939 Form No.	1937 Industry No.
	The Group as a Whole		
	This group of industries includes establishments primarily engaged in manufacturing flat glass and glass containers, cement, structural clay products, pottery, concrete and gypsum products, cut-stone products, abrasive and asbestos products, etc., from materials principally taken from the earth in the form of stone, clay, and sand. Mines or quarries located at, or near, the manufacturing plants producing cement, structural clay products, stone products, or lime, and used by these manufacturing plants as their own source of raw materials are classified together with the manufacturing plants in this group. All these instances where manufacturing and mining and quarrying are combined into one establishment and reported as manufacturing tend to decrease the relative importance of the primary industry, but reflect, however, the actual structure of industry in the United States.		
	FLAT GLASS		
1310	**Flat glass**	1008	*1008
	Establishments primarily engaged in the manufacture of flat glass, including plate glass, clear window glass, ornamental and structural flat glass.		
	GLASSWARE, PRESSED OR BLOWN		
1321	**Glass containers**	1008	*1008
	Establishments primarily engaged in the manufacture of glass containers for packing and bottling and for home canning.		
1329	**Tableware, pressed or blown glass, and glassware not elsewhere classified**	1008	*1008
	Establishments primarily engaged in the manufacture of handmade and pressed or blown glassware other than glass containers (1321); scientific, technical, and industrial glass; glass cooking utensils, etc.		
	GLASS PRODUCTS MADE OF PURCHASED GLASS		
1330	**Mirrors and other glass products made of purchased glass**	1016	1016
	Establishments primarily engaged in the manufacture of mirrors; stained, leaded, ornamental and decorated glass; glass novelties; cutting, beveling, and etching of glass from purchased glass.		

Industry Group 13.—STONE, CLAY, AND GLASS PRODUCTS—Continued

1939 Industry No.	Classifications, 1939	1939 Form No.	1937 Industry No.
	CEMENT		
1310	**Cement**	1002	1002
	Establishments primarily engaged in the manufacture of Portland, natural, masonry, and puzzolan cements.		
	STRUCTURAL CLAY PRODUCTS		
1351	**Brick and hollow structural tile**	1004	*1004
	Establishments primarily engaged in the manufacture of bricks and hollow structural tile, including conduit, silo and corn crib fireproofing, floor, arch, and combination tile, and flooring brick. The manufacture of fire-clay brick is included in Industry 1356, and sand-lime brick in Industry 1396.		
1352	**Terra cotta**	1004	*1004
	Establishments primarily engaged in the manufacture of architectural terra cotta.		
1353	**Roofing tile**	1004	*1004
	Establishments primarily engaged in the manufacture of roofing tile from clay.		
1354	**Floor and wall tile (except quarry tile)**	1004	*1004
	Establishments primarily engaged in the manufacture of floor tile, ceramic tile, mosaic tile, glazed or enameled tile including faience, white glazed or other tile used as floor or wall tile, except quarry tile.		
1355	**Sewer pipe and kindred products**	1004	*1004
	Establishments primarily engaged in the manufacture of sewer pipe and kindred products made of clay.		
1356	**Clay refractories, including refractory cement (clay)**	1004	*1004
	Establishments primarily engaged in the manufacture of fire-brick and other heat-resisting clay products such as glass-house tank blocks, stoppers, floaters, and rings.		
1359	**Clay products (except pottery) not elsewhere classified**	*1004	*1004
	Establishments primarily engaged in the manufacture of clay products such as stove lining, flue lining, chimney pipe and tops, wall coping, segment blocks, drain and quarry tile, etc.		
	POTTERY AND RELATED PRODUCTS		
1361	**Vitreous-china plumbing fixtures**	1004	*1017
	Establishments primarily engaged in the manufacture of vitreous and semivitreous china plumbing fixtures from clay.		
1362	**Hotel china**	1004	*1017
	Establishments primarily engaged in the manufacture of hotel china from clay.		
1363	**Whiteware**	1004	*1017
	Establishments primarily engaged in the manufacture of semivitreous china types of earthenware, including cream color, white, granite, and semiporcelain ware.		
1364	**Porcelain electrical supplies**	1004	*1017
	Establishments primarily engaged in the manufacture of porcelain electrical insulation materials from clay.		
1365	**China firing and decorating (for the trade)**	100	1003
	Establishments primarily engaged in the manufacture of firing and decorating china for the trade. Small establishments firing and decorating china to individual order are not included in the manufacturing industries.		
1369	**Pottery products not elsewhere classified**	1004	*1017
	Establishments primarily engaged in the manufacture of pottery not elsewhere classified. This industry includes porcelain china, bone china, delft and Belleck ware; chemical porcelain, chemical stoneware, etc.		
	CONCRETE, GYPSUM, AND PLASTER PRODUCTS		
1371	**Concrete products**	1005	1005
	Establishments primarily engaged in the manufacture of concrete building blocks and shapes, pipes, and conduit, and similar products such as poles and piling, vaults, etc., from a combination of stone or gravel, sand, and cement. This industry does not include concrete construction work on buildings, bridges, etc.		
1372	**Gypsum products**	100	1022
	Establishments primarily engaged in the manufacture of plaster, plasterboard, and other products composed wholly or chiefly of gypsum.		
1373	**Mineral wool**	1020	*1020
	Establishments primarily engaged in the manufacture of mineral wool for insulation made of minerals such as rock, glass, slag, etc.		

*Part of.

Industry Group 13.—STONE, CLAY, AND GLASS PRODUCTS—Continued

1939 Industry No.	Classifications, 1939	1939 Form No.	1937 Industry No.
	CONCRETE, GYPSUM, AND PLASTER PRODUCTS—Continued		
1374	**Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition**	1020	*1020
	Establishments primarily engaged in the manufacture of wall and insulating boards (other than gypsum, 1372), nonrigid thermal insulation and floor composition except mineral wool (1373), linoleum (374), and rubber flooring (1199). The manufacture of wallboard or insulating board on paper machines without further processing is included in the Paperboard industry (720).		
1375	**Lime**	1002	1013
	Establishments primarily engaged in the manufacture of lime, chiefly from limestone and to a small extent from shells and other substances.		
	CUT-STONE AND STONE PRODUCTS		
1380	**Monuments, tombstones, cut-stone, and stone products not elsewhere classified**	1014	1014
	Establishments primarily engaged in cutting, shaping, and finishing marble, granite, slate, and other stone for building and miscellaneous uses, such as monuments and tombstones, stone furniture, and slate blackboards, etc., usually quarried by the same establishments engaged in cutting the stone to dimension. Establishments buying and selling finished or partly finished monuments and tombstones but doing no work on the stones other than lettering and finishing to custom order are not considered a part of the manufacturing industries. The cutting of grindstones, pulpstones, and whetstones in the quarry is not included in the manufacturing industries.		
	MISCELLANEOUS NONMETALLIC MINERAL PRODUCTS		
1391	**Abrasive wheels, stones, paper, cloth, and related products**	1021	1021
	Establishments primarily engaged in the manufacture of abrasive grinding wheels of emery, corundum, and other materials, natural or artificial; abrasive sticks, stones, bricks, paper, and cloths; buffing and polishing wheels, and abrasive grains. The cutting of grindstones, pulpstones, and whetstones in the quarry is not included in the manufacturing industries.		
1392	**Asbestos products (except steam packing and pipe and boiler covering)**	1001	1001
	Establishments primarily engaged in the manufacture of asbestos textiles, asbestos building materials, and other commodities composed wholly or chiefly of asbestos, except steam and other packing and pipe and boiler covering and gaskets (1393).		
1393	**Steam and other packing; pipe and boiler covering**	1001	1644
	Establishments primarily engaged in the manufacture of packing for steam, water, and other pipe joints, and for engines, air compressors, etc.; insulating materials for covering boilers and pipes; and gaskets made of fiber, paper, or any combination of materials. Establishments primarily manufacturing cork gaskets are included in Industry 692, rubber gaskets in Industry 1199, and leather gaskets in Industry 1221. Establishments making two or more of these classes of gaskets are included in this industry.		
1394	**Natural graphite, ground and refined**	100	1010
	Establishments primarily engaged in the extraction from the ore and refining of natural graphites (plumbago or black lead).		
1395	**Minerals and earths, ground or otherwise treated**	100	1015
	Establishments primarily engaged in the grinding, pulverizing, or treating of certain earths, rocks, or minerals such as barium, barytes, borax, chalk, clays, Cornwall stone, corundum, emery, feldspar, kaolin, mica, pumice, quartz, silica, and talc.		
1396	**Sand-lime brick, block and tile**	1005	1018
1397	**Nonclay refractories**	1004	1023
	Establishments primarily engaged in the manufacture of crucibles and refractories made of materials other than clay.		
1398	**Statuary and art goods (except stone and concrete)—factory production**	100	1019
	Establishments primarily engaged in factory production of such articles as statuary, vases, urns, brackets, flower boxes, fountains, plaques, mantels, columns, panels, moldings, pedestals, etc., other than those made of stone (1380) and concrete (1371), and ornamental plaster work, architectural sculptures, small images, Scagliola, and papier-mâché articles.		

Industry Group 14. IRON AND STEEL AND THEIR PRODUCTS, EXCEPT MACHINERY

1939 Industry No.	Classifications, 1939	1939 Form No.	1937 Industry No.
	The Group as a Whole		
	This group of industries includes establishments engaged primarily in the production of pig iron and steel, iron and steel castings, and the rolling and forging of iron and steel into semifinished and finished rolled and forged products, and in further fabricating of the same into a great variety of finished iron and steel commodities. The manufacture of some metal products is included in this group regardless of the kind of metal used. The more important instances of such overlapping are hardware, steam fittings, stamped and pressed metal products, wire and wire products; and construction materials such as ornamental metal work, plumbers' supplies, and metal or metal-covered doors, window frames and sash. This group does not include machinery and machine tool attachments and dies (Group 17), automobile vehicles (Group 18), and other transportation equipment (Group 19).		
	BLAST FURNACES, STEEL WORKS, AND ROLLING MILLS		
1411	**Blast-furnace products**	1110	1110
	Establishments primarily engaged in the manufacture of pig iron and blast-furnace ferro-alloys from ore and scrap. All blast furnaces are classified in this industry.		
1412	**Steel works and rolling mills**	1112	*1112
	Establishments primarily engaged in the manufacture of steel or the rolling of hot iron and steel. Products include steel ingots, semifinished and finished hot-rolled steel, and the further processing of same when produced in departments operated in connection therewith. Tin plate and terneplate are manufactured exclusively and wire and wire products to a considerable extent in departments of steel works and rolling mills. The production of steel castings is classified in Industry 1423.		
	IRON AND STEEL FOUNDRY PRODUCTS		
1421	**Gray-iron and semisteel castings**	1102	*1131
	Establishments primarily engaged in the manufacture of gray-iron and semisteel castings.		
1422	**Malleable-iron castings**	1102	*1131
	Establishments primarily engaged in the manufacture of malleable-iron castings.		
1423	**Steel castings**	1102	*1112
	Establishments primarily engaged in the manufacture of steel castings		
1424	**Cast-iron pipe and fittings**	1102	1102
	Establishments primarily engaged in the manufacture of cast-iron pipe and cast-iron pipe fittings.		
	TIN CANS AND OTHER TINWARE		
1430	**Tin cans and other tinware not elsewhere classified**	1129	1123
	Establishments primarily engaged in the manufacture of packers' cans, general line cans, plain and decorated cans, pails, boxes, and packages; milk and ice-cream cans, household and cooking tinware and finished stamped tinware not elsewhere classified.		
	WIRE PRODUCTS		
1441	**Wire drawn from purchased rods**	1126	1126
	Establishments primarily engaged in the drawing of wire from purchased rods of iron, steel, and nonferrous metals, and the further fabrication of wire products when done in the same plant. Wire departments of iron and steel rolling mills and nonferrous rolling mills are classified in Industries 1412 and 1520, respectively.		
1442	**Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills**	1101	1113
	Establishments primarily engaged in the manufacture of nails, spikes, staples, and tacks from purchased nail and tack plate and wire.		
1449	**Wirework not elsewhere classified**	1126	1127
	Establishments primarily engaged in the manufacture, from purchased wire, of fabricated wire products such as wire fencing, wire cloth and netting, wire rope and cable, wire springs, etc. The production of insulated wire from purchased plain wire is classified in Industry 1630.		
	CUTLERY, TOOLS, AND HARDWARE		
1451	**Cutlery (except aluminum, silver, and plated cutlery) and edge tools**	1103	1103
	Establishments primarily engaged in the manufacture of all kinds of edge tools such as chisels, knives, razors, and blades; scythes, axes, cutting dies (except metal-cutting dies, 1742), and cutlery (except aluminum, 1592, silver and silver-plated cutlery, 1561).		

*Part of

Industry Group 14. IRON AND STEEL AND THEIR PRODUCTS, EXCEPT MACHINERY—Continued

1939 Industry No.	Classifications, 1939	1939 Form No.	1937 Industry No.
	CUTLERY, TOOLS, AND HARDWARE—Continued		
1452	**Tools (except edge tools, machine tools, files, and saws)**	1103	1125
	Establishments primarily engaged in the manufacture of hand tools, such as are used by farmers, ironworkers, masons, mechanics, and plumbers. The manufacture of edge tools is included in Industry 1451, files in 1453, and saws in 1454.		
1453	**Files**	1103	1105
	Establishments primarily engaged in the manufacturing and recutting of files and rasps.		
1454	**Saws**	1103	1116
	Establishments primarily engaged in the manufacture of saw blades and complete hand saws.		
1459	**Hardware not elsewhere classified**	1101	1109
	Establishments primarily engaged in the manufacture of door locks and lock sets, and other builders' hardware; hardware for caskets, furniture, cabinets, saddlery, harness, trunks, suitcases, and motor vehicles; locks and padlocks; vacuum bottles and jugs; and marine hardware. Some products, retailed and generally regarded as hardware, are covered by separate industry classifications, such as bolts and nuts (1491), nails and spikes (1442), cutlery (1451), and hand tools (1452).		
	HEATING APPARATUS AND PLUMBERS' SUPPLIES		
1461	**Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)**	1114	1114
	Establishments primarily engaged in the manufacture of enameled-iron sanitary ware and other plumbers' supplies such as plumbers' brass goods, etc., except pipe (1424 and 1493) and vitreous and semivitreous china sanitary ware (Group 13).		
1462	**Oil burners, domestic and industrial**	1119	*1119
	Establishments primarily engaged in the manufacture of burners consuming distillate or fuel oil used for application to heating and cooking equipment and for industrial process equipment and for generation of steam for power. Boiler burner units and furnace burner units, complete, are included in Industries 1464 and 1465, respectively.		
1463	**Power boilers and associated products**	1122	1130
	Establishments primarily engaged in the manufacture of power boilers, smokestacks, heavy tanks, plate work (cut, punched, and shaped for assembly on job), and similar boiler-shop products.		
1464	**Steam and hot-water heating apparatus (including hot-water furnaces)**	1119	*1119
	Establishments primarily engaged in the manufacture of cast iron and steel steam and hot water heating boilers and parts, cast iron and nonferrous radiators; gas- and oil-fired radiators, gas and oil boiler burner units complete.		
1465	**Stoves, ranges, water heaters, and hot-air furnaces (except electric)**	1119	*1119
	Establishments primarily engaged in the manufacture of stoves, ranges, warm-air furnaces, space heaters, and water heaters (except electric). Includes oil and gas warm air furnaces complete with burners.		
1466	**Steam fittings, regardless of material**	1119	*1119
	Establishments primarily engaged in the manufacture of steam fittings and specialties, such as thermostats and other temperature-control devices, gages, regulators, traps, reducing valves, etc.		
1469	**Heating and cooking apparatus, except electric, not elsewhere classified**	1119	*1119
	Establishments primarily engaged in the manufacture of heating equipment not elsewhere classified, such as incubators, brooders, incinerators, unit heaters, gas burners, portable ovens, steam tables, and other cafeteria, hotel, and kitchen apparatus.		
	METAL STAMPING, ENAMELING, GALVANIZING, JAPANNING, AND LACQUERING		
1471	**Vitreous-enameled products, including kitchen, household, and hospital utensils**	1129	*1129
	Establishments primarily engaged in the manufacture of vitreous kitchen, household, and hospital utensils; table tops; refrigerator, stove, and washing-machine parts, etc. The production of enameled ware plumbing fixtures is classified in Industry 1461.		
1472	**Automobile stampings**	1129	*1129
	Establishments primarily engaged in the manufacture of automobile stampings. Assembling of complete automobile parts is classified in Group 18.		

Industry Group 14.—IRON AND STEEL AND THEIR PRODUCTS, EXCEPT MACHINERY—Continued

1939 Industry No.	Classifications, 1939	1939 Form No.	1937 Industry No.
	METAL STAMPING, ENAMELING, GALVANIZING JAPANNING, AND LACQUERING—Con.		
1473	**Stamped and pressed metal products (except automobile stampings)** Establishments primarily engaged in the manufacture of metal stampings not elsewhere classified, such as bottle caps and tops, stamped household and hospital utensils, perforated metal, stamped and pressed machine parts, etc. Custom stamping for the trade is classified in this industry.	1129	*1129
1474	**Enameling, japanning, and lacquering** Establishments primarily engaged in enameling, japanning, and lacquering of metal products owned by others.	1129	*1129
1475	**Galvanizing and other coating—carried on in plants not operated in connection with rolling mills** Establishments primarily engaged in the galvanizing or coating of steel and iron sheets or formed products with zinc; coating of steel and iron sheets or formed products with aluminum and lead; retinning of cans and utensils.	100	1108
	FABRICATED STRUCTURAL STEEL AND ORNAMENTAL METAL WORK		
1481	**Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills** Establishments primarily engaged in the manufacture of structural and ornamental metal work, both ferrous and nonferrous, for buildings, bridges, and other purposes. Products include fabricated structural steel stairs and staircases, fire escapes, grilles, railings, iron fences and gates, fence posts, fabricated bars and rods for reinforcing concrete, ornamental iron, steel and nonferrous metal work for buildings. The production of fabricated steel plate is included in Industry 1463.	1122	1122
1482	**Doors, window sash, frames, molding, and trim (made of metal)** Establishments primarily engaged in the manufacture of ferrous and nonferrous solid metal, hollow metal, and metal covered doors; and door frames, window sash and frames, store fronts, partitions, molding and trim.	1122	1104
	MISCELLANEOUS IRON AND STEEL PRODUCTS		
1491	**Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills** Establishments primarily engaged in the manufacture of bolts, nuts, rivets, lock washers, plate washers, turnbuckles, togglebolts, etc. The production of machine screws is included in Industry 1495.	1101	1101
1492	**Forgings, iron and steel—made in plants not operated in connection with rolling mills** Establishments primarily engaged in the manufacture of light and heavy drop and steam hammer forgings, such as chains, anchors, axles, frogs, and forged parts for automotive equipment, machinery, railway equipment, etc.	100	1107
1493	**Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills** Establishments primarily engaged in the manufacture of wrought welded pipe and tubes; lock joint and heavy riveted pipe.	1114	1128
1494	**Springs, steel (except wire)—made in plants not operated in connection with rolling mills** Establishments primarily engaged in the manufacture of leaf springs, hot-wound springs (for railroad equipment, vehicles, agricultural and mining machinery, etc.). The production of wire springs is included in Industry 1449.	1118	1118
1495	**Screw-machine products and wood screws** Establishments primarily engaged in the manufacture of machine screws, cap and set screws and other small articles made on screw machines; and wood screws.	1101	1117
1496	**Steel barrels, kegs, and drums** Manufacture of steel barrels and drums with welded side seams (heavy types); welded side seam and lock side seam (light types); and other metal casings with welded side seam and lock side seam; steel packages, kegs, and pails, etc.	1129	1120
1497	**Firearms** Manufacture of small firearms, and parts, such as pistols, revolvers, rifles, and shotguns.	1103	1106
1498	**Safes and vaults** Manufacture of vault doors and linings, and safe-deposit boxes and chests, safes and vaults, except grave vaults (671 and 1371).	100	1115

*Part of.

Industry Group 14.—IRON AND STEEL AND THEIR PRODUCTS, EXCEPT MACHINERY—Continued

1939 Industry No.	Classifications, 1939	1939 Form No.	1937 Industry No.
	MISCELLANEOUS IRON AND STEEL PRODUCTS—Continued		
1499	**Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills** Manufacture of flat bright cold-rolled strip steel, including razor-blade strip, cold-rolled sheets, and cold-finished steel bars.	1112	*1326

Industry Group 15.—NONFERROUS METALS AND THEIR PRODUCTS

1939 Industry No.	Classifications, 1939	1939 Form No.	1937 Industry No.
	The Group as a Whole This group of industries includes establishments primarily engaged in primary and secondary smelting and refining of nonferrous metals; in alloying, rolling, and drawing nonferrous metals; and in manufacturing nonferrous metal products. This group includes establishments manufacturing sheet metal products, regardless of material, not classified in other groups; establishments electroplating, plating and polishing, and engraving on metal except for printing purposes; and establishments engaged in lapidary work. Some of the nonferrous metals are used to a large extent in manufacturing products assigned to other groups, such as wire and plumbers' brass goods in Group 14.		
	PRIMARY SMELTING AND REFINING OF NONFERROUS METALS		
1510	**Primary smelting and refining of nonferrous metals**	1212	1215 1216 1218 *608
	ALLOYING AND ROLLING AND DRAWING		
1520	**Alloying; and rolling and drawing of nonferrous metals, except aluminum** Establishments primarily engaged in the alloying of nonferrous metals (other than aluminum) from new metals. This industry classification does **not** include establishments engaged principally in the **recovery of** nonferrous metals or nonferrous metal alloys from new or used scrap and the casting of such metals into ingots, pigs, or bars **without alloying.** The process of recovery of such metals is classified in Industry 1532. The industry includes also establishments primarily engaged in production of rolled, drawn, or extruded products of nonferrous metals, or nonferrous alloys (except aluminum or aluminum alloys), such as plates and sheets, rods, tubing, pipe, and wire and wire products when produced in departments of nonferrous metal rolling mills from materials rolled in the same plant. Wire drawn from purchased rods, and wire products made from purchased wire are classified in Industries 1441 and 1449, respectively.	1212	*1212
	SECONDARY SMELTING AND REFINING OF NONFERROUS METALS AND ALLOYS		
1531	**Secondary smelting and refining, gold, silver, and platinum** Establishments primarily engaged in smelting, refining, and alloying gold, silver, and platinum from sweepings, clippings, and scrap.	1212	1209
1532	**Secondary smelting and refining of nonferrous metals, not elsewhere classified** Establishments primarily engaged in the recovery of nonferrous metals and nonferrous metal alloys from new or used scrap metals **without alloying.** The process of **alloying** is classified as part of Industry 1520. The purchase and sale or the sorting of scrap metal without processing is not to be included.	1212	1217
	CLOCKS AND WATCHES		
1541	**Clocks, watches, and materials and parts (except watchcases)** Establishments primarily engaged in the manufacture of clocks (including electrical), watches, clockwork operated devices, and clock and watch materials and parts, except watchcases (1542), and crystals (glass crystals in 1330, and unbreakable crystals in 2086). The assembling of clocks and watches from purchased movements and purchased cases is included in this industry.	1202	1202
1542	**Watchcases**	1202	1222

Industry Group 15. NONFERROUS METALS AND THEIR PRODUCTS—Continued

1939 Industry No.	Classifications, 1939	1939 Form No.	1937 Industry No.
	JEWELRY		
1551	**Jewelry, precious metals** Establishments primarily engaged in the manufacture of jewelry for personal adornment, including related products, such as cigarette cases and lighters, vanity cases, compacts, etc., made from precious or semi-precious metals with or without precious stones, gold trimmings for umbrellas, canes, etc., diamond settings and mountings. Costume jewelry and non-precious metal jewelry manufacturing is included in Industry 2071.	1210	1210
1552	**Jewelers' findings and materials** Establishments primarily engaged in the manufacture of unassembled jewelry parts (except gems and stones, 1553), and stock-shop products, such as sheet, wire and tubing.	1210	1224
1553	**Lapidary work** Establishments primarily engaged in the cutting and polishing of diamonds and other precious stones; drilling pearls, recutting and setting stones, preparing jewels for surveyors' and electrical instruments and for watches and chronometers, and real and imitation stones for emblems. Much of the work is done for the trade on materials owned by others.	1210	1623
	SILVERWARE AND PLATED WARE		
1561	**Silverware and plated ware** Establishments primarily engaged in the manufacture of knives, forks, spoons and other flatware, hollow ware, toilet ware, ecclesiastical ware, etc., made of solid silver, metal plated with silver, gold, or other metal, of nickel silver, or of pewter.	1213	1213
	ENGRAVING ON METAL, PLATING, AND POLISHING		
1571	**Engraving on metal (except for printing purposes)** Establishments primarily engaged in engraving, chasing, and etching on jewelry and silverware, notarial seals, and other nonferrous metal products for purposes other than printing.	100	503
1572	**Electroplating, plating, and polishing** Establishments primarily engaged in all types of electroplating, plating, and metal polishing work for the trade.	100	1205
	LIGHTING FIXTURES		
1580	**Lighting fixtures** Establishments primarily engaged in the manufacture of lighting fixtures and other lighting equipment for homes, offices, public buildings, and outdoor use; lamps and headlights for motor vehicles, locomotives, etc., searchlights, spotlights, and floodlights; lamps and lanterns; reflectors and shades. (Electric bulbs are classified in Industry 1650).	1207	1207
	NONFERROUS METAL PRODUCTS NOT ELSEWHERE CLASSIFIED		
1591	**Nonferrous-metal foundries (except aluminum)** Nonferrous-metal foundries primarily engaged in manufacturing castings (not including die-casting, 1593, 1599) of all nonferrous metals except aluminum (1592 and 1593).	1212	*1212
1592	**Aluminum ware, kitchen, hospital, and household (except electrical appliances)** Establishments primarily engaged in the manufacture of aluminum cooking ware, stamped, spun, or cast (except electric, 1620), and other ware, for use in kitchen, hospital, and household.	1212	*1201
1593	**Aluminum products (including rolling and drawing and extruding), not elsewhere classified** Establishments primarily engaged in the manufacture of plates, sheets, rods, tubing, pipe, wire, castings, bars, airplane and engine parts, and aluminum products not elsewhere classified. The extraction of aluminum from the ore is classified in Industry 1519, and the recovery of aluminum from scrap is classified in Industry 1532.	1212	*1201
1594	**Collapsible tubes**	1208	1203
1595	**Gold and silver leaf and foil** Manufacture of packs or rolls of gold or silver foil by goldbeating establishments.	1208	1208
1596	**Tin and other foils (except gold and silver foil)** Establishments primarily engaged in the manufacture of tin and other foils except gold and silver foils (1595).	1208	1220
1597	**Sheet-metal work not specifically classified** Establishments primarily engaged in the manufacture of cornices, ventilators, skylights, gutters, and other types of sheet-metal work for buildings (but not fabrication work done by construction contractors at the place of construction) and manufacture of sheet-metal stove pipes, air ducts, tanks, bins, furnace casings, etc.	1129	1204
1599	**Nonferrous-metal products not elsewhere classified**	1212	*1212

*Part of.

Industry Group 16. ELECTRICAL MACHINERY

1939 Industry No.	Classifications, 1939	1939 Form No.	1937 Industry No.
	The Group as a Whole		
	This group of industries includes establishments primarily engaged in manufacturing any type of machinery, apparatus, and supplies for the generation, storage, transmission, transformation, and utilization of electric energy.		
	ELECTRICAL EQUIPMENT FOR INDUSTRIAL USE		
1611	**Wiring devices and supplies** Establishments primarily engaged in the manufacture of wiring devices, wiring supplies, insulation and insulating materials, conduits and fittings, and lightning arresters. The production of decorative lighting outfits is included in Industry 1580 and the production of porcelain insulators is included in Industry 1364.	1303	*1303
1612	**Carbon products for the electrical industry, and manufactures of carbon or artificial graphite** Establishments primarily engaged in the manufacture of carbons; carbon, graphite, and metal-graphite brushes; electrodes, and miscellaneous specialties.	1303	*1303
1613	**Electrical measuring instruments** Establishments primarily engaged in the manufacture of measuring instruments, meter transformers, and indicating instruments.	1303	*1303
1619	**Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified** Establishments primarily engaged in the manufacture of electrical prime movers and other electric power equipment, including steam-turbine generator sets, for employment in the generation, transmission, or utilization of electric energy. Products of this industry include motors, generators, transformers, switchboards, panelboards, and other transmission accessories (except insulated wire, 1630, and conduit, 1611); welding apparatus, etc. The production of machines operated by detachable electric motors is included in Group 17.	1303	*1303
	ELECTRICAL APPLIANCES		
1620	**Electrical appliances** Establishments primarily engaged in the manufacture of household electrical appliances used for heating, cooking, cooling, cleaning, etc. Products of this industry include electric fans, irons, mixers, percolators and hot plates, vacuum cleaners, etc., except electric refrigerators (1784). Electric water heaters belong in this industry.	1303	*1303
	INSULATED WIRE AND CABLE		
1630	**Insulated wire and cable** Establishments primarily engaged in the manufacture of insulated or armored wire and cable for transmitting electrical energy. The manufacture of uninsulated wire is included in Industry 1441.	1303	*1303
	AUTOMOTIVE ELECTRICAL EQUIPMENT		
1640	**Automotive electrical equipment** Establishments primarily engaged in the manufacture of automotive electrical equipment such as ignition apparatus, spark plugs, starters, and generators, etc.	1303	*1303
	ELECTRIC LAMPS		
1650	**Electric lamps** Establishments primarily engaged in the manufacture of incandescent light bulbs, mercury arc, and other electric lights. The production of electric lighting equipment and fixtures is included in Industry 1580.	1303	*1303
	COMMUNICATION EQUIPMENT AND RELATED PRODUCTS		
1661	**Radios, radio tubes, and phonographs** Establishments primarily engaged in the manufacture of radio receiving sets, radio transmitters, television sets, radio receiving and transmitting tubes, phonographs and accessories.	1319	1319
1662	**Communication equipment** Establishments primarily engaged in the manufacture of telephone and telegraph equipment; electric signaling apparatus (other than railway); signals and attachments (railway); see Industry 2085, and miscellaneous radio parts except loud speakers and microphones which are included in Industry 1661.	1303	*1303
	ELECTRICAL PRODUCTS NOT ELSEWHERE CLASSIFIED		
1691	**Batteries, storage and primary (dry and wet)** Establishments primarily engaged in the manufacture of storage batteries, dry batteries, and wet primary batteries.	1303	*1303
1692	**X-ray and therapeutic apparatus and electronic tubes** Establishments primarily engaged in the manufacture of electrotherapeutic and electromedical apparatus, X-ray apparatus (exclusive of tubes), nonradio electronic tubes and X-ray tubes. Dental apparatus is included in Industry 2023.	1303	*1303

Industry Group 16.—ELECTRICAL MACHINERY—Continued

1939 Industry No.	Classifications, 1939	1939 Form No.	1937 Industry No.
	ELECTRICAL PRODUCTS NOT ELSEWHERE CLASSIFIED—Continued		
1699	**Electrical products not elsewhere classified** Establishments primarily engaged in the manufacture of miscellaneous electrical equipment not classified in any of the above industries.	1303	*1303

Industry Group 17.—MACHINERY (EXCEPT ELECTRICAL)

1939 Industry No.	Classifications, 1939	1939 Form No.	1937 Industry No.
	The Group as a Whole This group of industries includes establishments primarily engaged in manufacturing machinery and equipment other than electrical (see Industry 1619), and prime movers. Machines that are powered by a removable electric motor and portable tools, both electric and pneumatic powered, generally are included in this group.		
	ENGINES AND TURBINES		
1711	**Steam engines, turbines, and water wheels** Establishments primarily engaged in the manufacture of steam engines and steam turbines and water wheels and water turbines.	1304	*1304
1712	**Internal-combustion engines** Establishments primarily engaged in the manufacture of Diesel and semi-Diesel engines and internal-combustion engines not elsewhere classified. The manufacture of aircraft engines is included in Industry 1921 and automobile engines in Industry 1810.	1304	*1304
	AGRICULTURAL MACHINERY AND TRACTORS		
1721	**Tractors** Establishments primarily engaged in the manufacture of agricultural or industrial tractors.	1301	*1301
1722	**Agricultural machinery (except tractors)** Establishments primarily engaged in the manufacture of agricultural machinery and equipment except tractors (1721) for use in the preparation or maintenance of the soil, the planting and harvesting of the crop, and machines for preparing crops for market or for use, and other operations and processes pertaining to agriculture. The manufacture of agricultural hand tools and certain forged parts such as plowshares is included in Group 14.	1301	*1301
	CONSTRUCTION, MINING, AND RELATED MACHINERY		
1731	**Construction and similar machinery (except mining and oil-field machinery and tools)** Establishments primarily engaged in the manufacture of heavy machinery used by the construction industries for portable or fixed plant operation.	1324	1324 *1305
1732	**Oil-field machinery and tools** Establishments primarily engaged in the manufacture of machinery and tools for use in oil and gas fields. Similar equipment for use in drilling water wells is also included.	1305	*1305
1733	**Mining machinery and equipment** Establishments primarily engaged in the manufacture of machinery and equipment for use in mining, including coal-sawing machinery, coal breakers, cars and trucks, excluding dredges (1731).	1305	*1305
	METALWORKING MACHINERY		
1741	**Machine tools** Establishments primarily engaged in the manufacture of power driven machinery employing a cutting tool for work on metal called "machine tools." Bending, forging, punching, and forming machinery, which shapes or forms metal without cutting, is included in Industry 1749, and machine tool accessories, dies, and machinists' precision tools in Industry 1742.	1307	*1307
1742	**Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools** Establishments primarily engaged in the manufacture of accessories for use in machine tools, including dies, machinists' precision tools, or specialized equipment other than forged or shaped hand tools that are classified in Group 14.	1307	1318
1749	**Metalworking machinery and equipment, not elsewhere classified** Establishments primarily engaged in the manufacture of machinery for the shaping, pressing or forging of metal, where the shaping action of such machines is not dependent upon a cutting tool.	1307	*1307 *1305

Part of.

Industry Group 17.—MACHINERY (EXCEPT ELECTRICAL)—Continued

1939 Industry No.	Classifications, 1939	1939 Form No.	1937 Industry No.
	SPECIAL-INDUSTRY MACHINERY		
1751	**Food-products machinery** Establishments primarily engaged in the manufacture of machinery for use by the food-products and beverage industries in the preparation, canning, or packaging of foods. All refrigeration machinery is included in Industry 1784.	1305	*1305
1752	**Textile machinery** Establishments primarily engaged in the manufacture of machinery for the textile industry. This group does not include domestic or industrial sewing machines, which are classified in Industry 1783.	1313	1313
1753	**Woodworking machinery** Establishments primarily engaged in the manufacture of machinery for cutting, shaping, and finishing of wood products. Hand tools, such as planes, axes, drawknives, etc., are classified in Group 14.	1305	*1305
1754	**Paper-mill, pulp-mill, and paper-products machinery** Establishments primarily engaged in the manufacture of machinery for the paper-pulp, paper, and paper products industries. Manufacture of printing-trades machinery is classified in Industry 1755.	1305	*1305
1755	**Printing-trades machinery and equipment** Establishments primarily engaged in the manufacture of machinery and apparatus used by the printing and bookbinding trades. The manufacture of textile printing machinery is classified in Industry 1752.	1325	1325
1759	**Special-industry machinery, not elsewhere classified** Establishments primarily engaged in the manufacture of special-industry machinery, not elsewhere classified. Cotton-ginning machinery and specialized rubber-working machinery, etc., are included in this industry.	1305	*1305
	GENERAL INDUSTRIAL MACHINERY		
1760	**Measuring and dispensing pumps** Establishments primarily engaged in the manufacture of equipment commonly used in automobile service and filling stations for dispensing gasoline, oils, and grease, including grease guns.	1309	*1309
1761	**Pumping equipment and air compressors** Establishments primarily engaged in the manufacture of pumps, compressors, and pumping equipment of general utility to industry.	1309	*1309
1762	**Elevators, escalators, and conveyors** Establishments primarily engaged in the manufacture of elevators, escalators, and conveyor systems and equipment.	1305	*1305
1763	**Cars and trucks, industrial** Establishments primarily engaged in the manufacture of industrial cars and trucks for use in conveying supplies, freight, and similar materials within the confines of a plant. This industry does not include vehicular and automotive cars and trucks classified in Industry 1810 nor tractors, Industry 1721, nor mining cars and trucks, Industry 1733.	1305	*1305
1764	**Blowers; exhaust and ventilating fans** Establishments primarily engaged in the manufacture of blowing, exhaust, and ventilating equipment for general industrial use.	1305	*1305
1765	**Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)** Establishments primarily engaged in the manufacture of mechanical measuring instruments, except electric meters (1613), and watches and clocks (1541).	1620	*1620
1766	**Mechanical power-transmission equipment** Establishments primarily engaged in the manufacture of mechanical power-transmission equipment such as clutches, drives, shafts, bearings, and parts for the same.	1305	*1326
1767	**Stokers, mechanical, domestic and industrial** Establishments primarily engaged in the manufacture of domestic and industrial stokers for anthracite and bituminous coal, hopper fed, and those with conveyor for direct feed from bin.	1305	*1305
1768	**Machine-shop products, not elsewhere classified** This classification represents that group of machine shops engaged in the production of machine parts and equipment, other than complete machines, for the trade.	1305	*1326
1769	**Industrial machinery, not elsewhere classified** Manufacture of machinery for general use and for which no special classification is provided.	1305	*1305
1770	**Machine-shop repairs** Establishments equipped with power-driven machinery for the repairing and reconditioning of all types and kinds of industrial, commercial, and domestic machinery and equipment, not including motor vehicle repairing.	1305	*1326

Industry Group 17.—MACHINERY (EXCEPT ELECTRICAL)—Continued

1939 Industry No.	Classifications, 1939	1939 Form No.	1937 Industry No.
	OFFICE AND STORE MACHINES		
1771	**Office and store machines not elsewhere classified** Establishments primarily engaged in the manufacture or assembly, for sale, of all kinds of business office machines such as typewriters, calculating, addressing, mailing, duplicating, tabulating, and card punching machines, check-writing, signing, cancelling machines, perforators, and other protective devices, and all other business machines.	1302	*1302 1314
1772	**Vending, amusement, and other coin-operated machines** Establishments primarily engaged in the manufacture of all coin-operated mechanisms and complete coin-operated vending and amusement machines. Complete coin-operated phonographs are classified in Industry 1661, and scales and balances in Industry 1776.	1305	*1305
1776	**Scales and balances**	1302	1311
	HOUSEHOLD AND SERVICE-INDUSTRY MACHINES		
1781	**Laundry equipment, domestic** Establishments primarily engaged in the manufacture of laundry equipment such as driers, ironers, washing machines, and wringers for household use.	1313	1315
1782	**Commercial laundry, dry-cleaning, and pressing machinery**	1305	*1305
1783	**Sewing machines, domestic and industrial**	1313	1312
1784	**Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units** Establishments primarily engaged in the manufacture of complete domestic and commercial refrigerators; compressors, evaporators or condensers, for sale separately or in assembled units, known to the trade as complete systems, high sides, or low sides; domestic and commercial cabinets; display, storage, etc., cases.	1310	1310

Industry Group 18.—AUTOMOBILES AND AUTOMOBILE EQUIPMENT

1939 Industry No.	Classifications, 1939	1939 Form No.	1937 Industry No.
	The Group as a Whole This group includes two industries: 1810, Motor vehicles, motor-vehicle bodies, parts and accessories, and 1820, Automobile trailers for attachment to passenger cars.		
1810	**Motor vehicles, motor-vehicle bodies, parts and accessories** Establishments primarily engaged in the manufacture or assembly of complete motor vehicles, motor-vehicle chassis, bodies, and such parts and accessories as gears, wheels, radiators, bumpers, shock-absorbers, frames, horns, windshield wipers, etc.; and trailers for motor-trucks and truck tractors. This industry does not include establishments manufacturing tires and tubes (1111), springs (1449, 1494), ignition apparatus, batteries, starting and lighting equipment (1640), headlights (1580), sheet-metal stampings (1472), hardware (1459), etc.	1408	1408 *1407
1820	**Automobile trailers (for attachment to passenger cars)** Establishments primarily engaged in the manufacture or assembly of trailers for passenger cars.	1408	*1407

Industry Group 19.—TRANSPORTATION EQUIPMENT EXCEPT AUTOMOBILES

1939 Industry No.	Classifications, 1939	1939 Form No.	1937 Industry No.
	The Group as a Whole This group of industries includes establishments primarily engaged in manufacturing equipment for transportation by air, land, and water. Establishments producing automobiles are included in Group 18, and those producing children's vehicles in Group 20.		
	RAILROAD EQUIPMENT		
1911	**Locomotives (including frames) and parts: railroad, mining, and industrial** Establishments primarily engaged in building and rebuilding rail-traction locomotives: steam, compressed air, Diesel-electric, straight-electric, gasoline-electric, straight internal-combustion, etc	1405	1406

*Part of.

Industry Group 19.—TRANSPORTATION EQUIPMENT EXCEPT AUTOMOBILES—Continued

1939 Industry No.	Classifications, 1939	1939 Form No.	1937 Industry No
	RAILROAD EQUIPMENT—Continued		
1912	**Cars and car equipment—railroad, street, and rapid-transit** Establishments primarily engaged in building, rebuilding, and repairing railroad, street, and rapid-transit cars for operation on rails for freight and for passenger service. Some of these cars may include an engine as an integral part of the car. Establishments manufacturing industrial and mining rail cars are included in Industry 1733.	1405	1405
	AIRCRAFT AND PARTS		
1921	**Aircraft and parts, including aircraft engines** Establishments primarily engaged in the manufacture of complete aircraft, both heavier-than-air and lighter-than-air, including gliders, balloons, and parachutes. This industry also includes the manufacture of parts peculiarly for aircraft, such as aircraft engines, propellers, propeller blades, and pontoons.	1401	1401 *1304
	SHIP AND BOAT BUILDING AND REPAIRING		
1931	**Shipbuilding and ship repairing** Establishments primarily engaged in building and repairing ships of 5 gross tons and over of all types; steel and wood, self-propelled by sail or motive power or not self-propelled, such as barges, canal boats, lighters, etc.	1410	*1410
1932	**Boat building and boat repairing** Establishments primarily engaged in building and repairing boats of less than 5 gross tons of all types, steel or wood, such as inboard and outboard motor-boats, yachts, sailboats, rowboats, lifeboats (motor-propelled and hand-propelled), canoes, etc.	1410	*1410
	MOTORCYCLES, BICYCLES, AND PARTS		
1941	**Motorcycles, bicycles, and parts** Establishments primarily engaged in the manufacture of complete motorcycles and side cars; bicycles; motorcycle and bicycle parts, such as saddles, seat posts, frames, handlebars, etc. The assembling of complete motorcycles or bicycles from purchased parts is included in this industry.	1409	1409
	TRANSPORTATION EQUIPMENT NOT ELSEWHERE CLASSIFIED		
1999	**Transportation equipment not elsewhere classified** Establishments primarily engaged in the manufacture of transportation equipment not elsewhere classified, such as horse-drawn vehicles (carriages, wagons, sleighs, and sleds) and parts, wheelbarrows, etc. The manufacture of children's vehicles is included in Industry 2043.	1404	1404

Industry Group 20.—MISCELLANEOUS INDUSTRIES

1939 Industry No.	Classifications, 1939	1939 Form No.	1937 Industry No
	The Group as a Whole This group of industries includes establishments primarily engaged in manufacturing a wide variety of products not included in other major manufacturing groups. The products fall into the following subclassifications: Buttons. Costume jewelry and miscellaneous products. Miscellaneous industries not elsewhere classified. Musical instruments. Pens, pencils, stencils, and artists' materials. Professional and scientific instruments. Photographic apparatus and optical goods. Surgical and dental instruments, equipment, and supplies. Toys and sporting and athletic goods.		
	PROFESSIONAL AND SCIENTIFIC INSTRUMENTS, PHOTOGRAPHIC APPARATUS, AND OPTICAL GOODS		
2011	**Professional and scientific instruments (except surgical and dental)** Establishments primarily engaged in the manufacture of professional and scientific instruments, such as surveyors', nautical, and aeronautical; barometers; thermometers (except clinical, 2021); compasses; and instruments for laboratory work and scientific research, except microscopes and telescopes (2013). The production of surgical and dental instruments and equipment is classified in Industry 2021.	1620	*1620
2012	**Photographic apparatus and materials and projection equipment (except lenses)** Establishments primarily engaged in the manufacture of photographic and motion-picture cameras and projection apparatus, and associated materials and supplies such as films, sensitized paper and plates, reels, tanks, tripods, etc. The production of lenses is classified in Industry 2013	1636	1636

Industry Group 20.—MISCELLANEOUS INDUSTRIES—Con.

1939 Industry No.	Classifications, 1939	1939 Form No.	1937 Industry No.
	PROFESSIONAL AND SCIENTIFIC INSTRUMENTS, PHOTOGRAPHIC APPARATUS, AND OPTICAL GOODS—Continued		
2013	**Optical instruments and lenses** Establishments primarily engaged in the grinding of lenses and manufacturing of microscopes, telescopes, field glasses, and related optical instruments. Establishments manufacturing eyeglass frames or lenses or complete eyeglasses are classified in Industry 2014.	1631	*1631
2014	**Ophthalmic goods: lenses and fittings** Establishments primarily engaged in the grinding of ophthalmic lenses and manufacturing of ophthalmic goods. Retail establishments, fitting eyeglasses to individual order, are not considered a part of the manufacturing industries.	1631	*1631
	SURGICAL, MEDICAL, AND DENTAL INSTRUMENTS, EQUIPMENT, AND SUPPLIES		
2021	**Surgical and medical instruments** Establishments primarily engaged in the manufacture of surgical veterinarian, orthopedic and other medical instruments, and clinical thermometers. Household and industrial thermometers are classified in Industry 2011.	1620	*1620
2022	**Surgical supplies and equipment not elsewhere classified; orthopedic appliances** Establishments primarily engaged in the manufacture of surgical appliances and supplies, including surgical dressings and elastic goods, and artificial limbs. Medical and surgical instruments are classified in Industry 2021.	1645	1645
2023	**Dental equipment and supplies** Establishments primarily engaged in the manufacture of mechanical devices and other equipment for use by dentists.	1611	1611
	MUSICAL INSTRUMENTS AND PARTS		
2031	**Pianos** Establishments primarily engaged in the manufacture of complete pianos, with or without player attachments.	1628	1630
2032	**Organs** Establishments primarily engaged in the manufacture of complete pipe organs and reed organs.	1628	1629
2033	**Piano and organ parts and materials** Establishments primarily engaged in the manufacture of piano and organ parts and materials for sale as such. The production of complete pianos and organs is classified in Industries 2031 and 2032.	1628	1627
2039	**Musical instruments, parts, and materials not elsewhere classified** Establishments primarily engaged in manufacture of all kinds of complete musical instruments, except pianos (2031) and organs (2032); and in manufacturing parts and materials for all kinds of musical instruments except piano and organ parts (2033).	1628	1628
	TOYS AND SPORTING AND ATHLETIC GOODS		
2041	**Games and toys (except dolls and children's vehicles)** Establishments primarily engaged in the manufacture of games for adults, such as dice games, etc.; and all games and toys for children, except dolls (2042) and children's vehicles (2043). Playing cards are classified in Industry 799, and adult gaming equipment for outdoor sport and athletics in Industry 2049.	1648	*1648
2042	**Dolls (except rubber)** Establishments primarily engaged in the manufacture of all kinds of dolls and doll parts (except rubber, 1199), and doll clothing.	1648	*1648
2043	**Children's vehicles** Establishments primarily engaged in the manufacture of baby carriages, children's sleds, wagons, tricycles, and other children's vehicles.	1648	1655
2049	**Sporting and athletic goods not elsewhere classified** Establishments primarily engaged in the manufacture of sporting and athletic goods, not elsewhere classified. This industry covers billiard and pool tables, bowling alleys, etc. Athletic apparel is classified in Group 4, ammunition in Industry 988, and firearms in Industry 1497.	1642	1642 302
	PENS, PENCILS, STENCILS, AND ARTISTS' MATERIALS		
2051	**Pens, mechanical pencils, and pen points** Establishments primarily engaged in the manufacture of complete fountain pens, stylographic pens, mechanical pencils, gold, steel, and other metal pen points, rubber holders, and other parts.	1634	1634 *1633

*Part of.

Industry Group 20.—MISCELLANEOUS INDUSTRIES—Con.

1939 Industry No.	Classifications, 1939	1939 Form No.	1937 Industry No.
	PENS, PENCILS, STENCILS, AND ARTISTS' MATERIALS—Continued		
2052	**Pencils (except mechanical) and crayons** Establishments primarily engaged in the manufacture of wood-cased lead pencils, holders and leads manufactured for sale as such, and crayons. The production of mechanical pencils is classified in Industry 2051.	1634	*1633
2053	**Hand stamps, stencils, and brands** Establishments primarily engaged in the manufacture of rubber and metal stamps, dies, seals, and presses; steel letters and figures; stencils for use in painting, marking, or in addressing machines; irons for branding articles of merchandise, etc.	100	1618
2054	**Artists' materials** Establishments primarily engaged in the manufacture of materials for art work.	100	1603
2055	**Carbon paper and inked ribbons** Establishments primarily engaged in manufacture of carbon paper for typewriters, sales books, etc., stencil paper, and inked ribbons for typewriters, adding machines, cash registers, etc.	1607	1607
	BUTTONS		
2061	**Buttons** Establishments primarily engaged in the manufacture of buttons, parts of buttons, and button blanks and molds, of all materials except precious metal and precious or semiprecious stones (1551).	1606	1606
	COSTUME JEWELRY AND MISCELLANEOUS PRODUCTS		
2071	**Costume jewelry and costume novelties (jewelry other than fine jewelry)** Establishments primarily engaged in the manufacture of costume jewelry, costume novelties and ornaments made of all materials except precious metal and precious stones (1551).	100	*1612 *1210
2072	**Jewelry cases and instrument cases** Establishments primarily engaged in the manufacture of cases, fancy boxes and trays for jewelry, instruments, cutlery, eyeglasses, combs, cigarettes, pipes, toilet sets, etc.	100	1622
2073	**Lamp shades** Establishments primarily engaged in the manufacture of lamp shades of all materials except glass (Industry 1330) and metal (Groups 14 and 15).	100	*1612
2074	**Feathers, plumes, and artificial flowers** Establishments primarily engaged in the manufacture of artificial flowers, fruits, and foliage made of all materials except glass (1330); and establishments primarily engaged in producing fancy feathers, plumes, and articles made principally of feathers and plumes. This industry includes establishments curling, dyeing, and renovating ostrich feathers for the trade.	100	1601 1613
	MISCELLANEOUS INDUSTRIES, NOT ELSEWHERE CLASSIFIED		
2081	**Brooms** Establishments primarily engaged in the manufacture of household brooms, whiskbrooms, and industrial brooms, of broom corn, bassine, etc.; and street-sweeping brooms made of heavier materials.	1604	1604
2082	**Brushes** Establishments primarily engaged in the manufacture of paint brushes and all other kinds of brushes from any material except rubber.	1604	1605
2083	**Beauty-shop and barber-shop equipment** Establishments primarily engaged in the manufacture of special furniture, devices, and equipment for use in beauty shops and barber shops.	1653	1653
2084	**Furs, dressed and dyed** Establishments primarily engaged in scraping, currying, tanning, bleaching, and dyeing of pelts, and dressing of hair and bristles.	100	1616
2085	**Signs, advertising displays, and advertising novelties** Establishments primarily engaged in the manufacture of neon signs, electrical, mechanical, cut-out, or plate signs, advertising displays, and advertising novelties.	1640	1640
2086	**Fabricated plastic products, not elsewhere classified** Establishments primarily engaged in the manufacture of finished products (not elsewhere classified) made of synthetic resins, cellulose compounds, casein or galalith. Articles made of pressed wood pulp are classified in Industry 794. The manufacture of cellulose plastics and phenolic resins for sale as such is classified in Industry 982.	315	*315

1939 Industry No.	Classifications, 1939	1939 Form No.	1937 Industry No.
	MISCELLANEOUS INDUSTRIES NOT ELSEWHERE CLASSIFIED—Continued		
2087	**Umbrellas, parasols, and canes**	100	1649
	Establishments primarily engaged in the manufacture of complete umbrellas, parasols, and canes, and frames, handles, parts, and trimmings for the same, except those of precious metal (1551).		
2088	**Tobacco pipes and cigarette holders**	100	1637
	Establishments primarily engaged in the manufacture of tobacco pipes of all materials, and cigarette and cigar holders except hard rubber (1199).		
2091	**Soda fountains, beer dispensing equipment, and related products**	100	1641
	Establishments primarily engaged in the manufacture of complete soda fountains, beer dispensing equipment, tanks, siphons, and other parts and accessories.		
2092	**Models and patterns (except paper patterns)**	100	1625
	Establishments primarily engaged in the manufacture of models, patterns, and forms of all materials, except paper patterns (799) and shoe display forms (695).		
2093	**Hair work**	100	1617
	Establishments primarily engaged in the manufacture of wigs, switches, braids, puffs, and related articles made largely from human hair but in some cases from mohair or other animal hair.		
2094	**Wool pulling**	100	1654
	Establishments primarily engaged in detaching wool from sheepskins.		

Industry Group 20.—MISCELLANEOUS INDUSTRIES—Con.

1939 Industry No.	Classifications, 1939	1939 Form No.	1937 Industry No.
	MISCELLANEOUS INDUSTRIES NOT ELSEWHERE CLASSIFIED—Continued		
2095	**Needles, pins, hooks and eyes, and slide and snap fasteners**	1211	1211
	Establishments primarily engaged in the manufacture of machine and hand needles, knitting and sewing; toilet and safety pins, wire hairpins, etc.; glove fasteners, snap fasteners, slide fasteners, hooks and eyes, etc.		
2096	**Fire extinguishers, chemical**	100	1204
	Establishments primarily engaged in the manufacture of portable fire extinguishers, hose reels, and other apparatus, except motor propelled (1810), and appliances for fire extinguishing by means of chemicals; chemical preparations for use with such apparatus and appliances; hand grenades for fire extinguishing, etc.		
2099	**Miscellaneous fabricated products not elsewhere classified**	100	1646 *1612
	Establishments primarily engaged in the manufacture of theatrical scenery, advertising curtains; combs and hairpins (other than metal or rubber), hair ornaments, beaded articles, holiday goods, celluloid novelties, and many other small articles not covered by distinct classifications.		
	SPECIAL INQUIRY		
9011	**Motion pictures, not including projection in theaters**	1679	1679
	Studios and laboratories primarily engaged in all processes and activities connected with the production of motion-picture films, such as the preparation and photography of scenes, the development of exposed films, the printing of projection films, and other studio and laboratory work necessary in connection with the production of projection films for use. *It does not, however, include the distribution of these films and their projection in theaters.*		

*Part of.

APPENDIX E

INDUSTRY CHANGES: 1937–1939

Industry Group 1.—FOOD AND KINDRED PRODUCTS

[References in parentheses in right-hand column are to 1939 industry numbers]

1939	1937
111—Meat packing, wholesale.	123—Meat packing, wholesale.
112—Custom slaughtering, wholesale.	
113—Sausages, prepared meats, and other meat products—not made in meat-packing establishments.	128—Sausage, meat puddings, headcheese, etc., not made in meat-packing establishments.
	117—Food preparations not elsewhere classified (part of; *see also* Ind. 125 and 199).
114—Sausage casings—not made in meat-packing establishments.	137—Sausage casings—not made in meat-packing establishments.
115—Poultry dressing and packing, wholesale.	126—Poultry dressing and packing, wholesale.
121—Creamery butter.	103—Butter.
122—Cheese.	107—Cheese
123—Condensed and evaporated milk.	111—Condensed and evaporated milk.
124—Ice cream and ices.	118—Ice cream.
125—Special dairy products.	117—Food preparations not elsewhere classified (part of; *see also* Ind. 113 and 199).
131—Canned fish, crustacea, and mollusks.	104—Canned and cured fish, crabs, shrimps, oysters, and clams.
132—Cured fish.	
133—Canned and dried fruits and vegetables (including canned soups).	105—Canned and dried fruits and vegetables; canned and bottled juices; preserves, jellies, fruit butters, pickles, and sauces.
134—Preserves, jams, jellies, and fruit butters.	
135—Pickled fruits and vegetables and vegetable sauces and seasonings.	
136—Salad dressings.	
137—Quick-frozen foods.	
141—Flour and other grain-mill products.	116—Flour and other grain-mill products.
142—Prepared feeds (including mineral) for animals and fowls.	114—Feeds, prepared, for animals and fowls.
143—Cereal preparations.	106—Cereal preparations (part of; *see also* Ind. 145).
144—Rice cleaning and polishing.	127—Rice cleaning and polishing.
145—Blended and prepared flour made from purchased flour.	106—Cereal preparations (part of; *see also* Ind. 143).
151—Bread and other bakery products (except biscuit, crackers, and pretzels).	102—Bread and other bakery products.
152—Biscuit, crackers, and pretzels.	
161—Cane sugar—except refineries.	130—Sugar manufacture, cane.
162—Cane-sugar refining.	131—Sugar refining, cane.
163—Beet sugar.	129—Sugar, beet.
171—Candy and other confectionery products.	112—Confectionery.
172—Chocolate and cocoa products.	109—Chocolate and cocoa products, not including confectionery.
173—Chewing gum.	108—Chewing gum.
181—Nonalcoholic beverages.	101—Beverages, nonalcoholic.
182—Malt liquors.	134—Liquors, malt.
183—Malt.	122—Malt.
184—Wines.	135—Liquors, vinous.
185—Liquors, distilled.	133—Liquors, distilled.
186—Liquors, rectified or blended.	136—Liquors, rectified or blended.
191—Baking powder, yeast, and other leavening compounds.	603—Baking powder, yeast, and other leavening compounds.
192—Cooking and other edible fats and oils, not elsewhere classified.	120—Shortenings (other than lard), vegetable cooking oils, and salad oils.
193—Oleomargarine—not made in meat-packing establishments.	124—Oleomargarine (margarine) not made in meat-packing establishments.
194—Corn sirup, corn sugar, corn oil, and starch.	113—Corn sirup, corn sugar, corn oil, and starch.
195—Flavoring extracts and flavoring sirups, not elsewhere classified.	115—Flavoring extracts, flavoring sirups, and related products.
196—Vinegar and cider.	132—Vinegar and cider.
197—Ice, manufactured.	119—Ice, manufactured.
198—Macaroni, spaghetti, vermicelli, and noodles.	121—Macaroni, spaghetti, vermicelli, and noodles.
199—Food preparations, not elsewhere classified.	117—Food preparations not elsewhere classified (part of; *see also* Ind. 113 and 125).

Industry Group 2.—TOBACCO MANUFACTURES

1939	1937
211—Cigarettes.	1652—Cigarettes.
221—Cigars.	1608—Cigars.
231—Tobacco (chewing and smoking) and snuff.	1647—Tobacco (chewing and smoking) and snuff.

Industry Group 3.—TEXTILE-MILL PRODUCTS AND OTHER FIBER MANUFACTURES

[References in parentheses in right-hand column are to 1939 industry numbers]

1939	1937
311—Cotton broad woven goods.	2031—Cotton woven goods (over 12 inches in width) (part of; *see also* Ind. 373).
	2034—Fish nets and seines.
	2042—Dyeing and finishing, cotton-fabric (part of; *see also* Ind. 361 and 362).
312—Cotton narrow fabrics.	2032—Cotton narrow fabrics.
313—Cotton yarn.	2033—Cotton yarn and thread.
314—Cotton thread.	2041—Dyeing and finishing yarn (cotton, rayon, and silk) for sale on commission (part of; *see also* Ind. 361).
321—Silk broad woven goods—regular factories or jobbers engaging contractors.	2102—Silk broad woven goods (18 inches wide and over).
322—Silk broad woven goods—contract factories.	
323—Silk narrow fabrics.	2103—Silk narrow fabrics.
324—Silk yarn and thread, spun or thrown—regular factories or jobbers engaging contractors.	2104—Silk yarn and thread—made for sale.
325—Silk throwing and spinning—contract factories.	2101—Silk throwing and spinning—commission only.
331—Rayon broad woven goods—regular factories or jobbers engaging contractors.	2092—Rayon broad woven goods (18 inches wide and over).
332—Rayon broad woven goods—contract factories.	
333—Rayon narrow fabrics.	2093—Rayon narrow fabrics.
334—Rayon yarn and thread, spun or thrown—regular factories or jobbers engaging contractors.	2094—Rayon yarn and thread—processed for sale.
335—Rayon throwing and spinning—contract factories.	2091—Rayon throwing and spinning—commission only.
341—Woolen and worsted manufactures—regular factories or jobbers engaging contractors.	2121—Wool scouring (part of; *see also* Ind. 342).
	2122—Woolen yarn (part of; *see also* Ind. 342).
	2123—Woolen woven goods, including woven felts (part of; *see also* Ind. 342 and 343).
	2124—Wool combing—commission, and tops for sale (part of; *see also* Ind. 342).
	2125—Worsted yarn (part of; *see also* Ind. 342).
	2126—Worsted woven goods (part of; *see also* Ind. 342 and 343).
	2128—Woolen and worsted dyeing and finishing (part of; *see also* Ind. 343).
342—Woolen and worsted manufactures—contract factories.	2121—Wool scouring (part of; *see also* Ind. 341).
	2122—Woolen yarn (part of; *see also* Ind. 341).
	2123—Woolen woven goods, including woven felts (part of; *see also* Ind. 341 and 343).
	2124—Wool combing—commission, and tops for sale (part of; *see also* Ind. 341).
	2125—Worsted yarn (part of; *see also* Ind. 341).
	2126—Worsted woven goods (part of; *see also* Ind. 341 and 343).
343—Dyeing and finishing woolen and worsted.	2123—Woolen woven goods (part of; *see also* Ind. 341 and 342).
	2126—Worsted woven goods (part of; *see also* Ind. 341 and 342).
	2128—Woolen and worsted dyeing and finishing (part of; *see also* Ind. 341).
351—Hosiery—full-fashioned.	2071—Hosiery.
352—Hosiery—seamless.	
353—Knitted cloth.	2072—Knitted cloth.
354—Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors.	2073—Knitted outerwear—regular factories.
355—Knitted outerwear (except knit gloves)—contract factories.	2273—Knitted outerwear—contract factories.
356—Knitted underwear.	2074—Knitted underwear.
	2168—Underwear and nightwear of knitted fabric, women's, children's, and infants' (part of; *see also* Ind. 441).

Industry Group 3.—TEXTILE-MILL PRODUCTS AND OTHER FIBER MANUFACTURES—Continued

[References in parentheses in right-hand column are to 1939 industry numbers]

1939	1937
357—Knitted gloves.	2075—Gloves and mittens, knitted. 2171—Gloves and mittens, cloth or cloth and leather combined, made from purchased materials (part of; *see also* Ind. 480 and 481).
361—Dyeing and finishing cotton, rayon, silk, and linen textiles	2041—Dyeing and finishing yarn (cotton, rayon, and silk)—for sale or on commission (part of, *see also* Ind. 313 and 314). 2042—Dyeing and finishing, cotton-fabric (part of; *see also* Ind. 311 and 362). 2043—Dyeing and finishing, rayon- and silk-fabric (part of; *see also* Ind. 362).
362—Cloth sponging and miscellaneous special finishing.	2042—Dyeing and finishing, cotton-fabric (part of; *see also* Ind. 311 and 361). 2043—Dyeing and finishing, rayon- and silk-fabric (part of; *see also* Ind. 361). 2152—Clothing, men's, youths', and boys', not elsewhere classified—contract factories (part of, *see also* Ind. 412 and 486).
371—Carpets and rugs, wool. 372—Carpet yarn, woolen and worsted.	2013—Carpets and rugs, wool (other than rag). 2014—Carpet yarn, woolen and worsted.
373—Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags.	2011—Carpets and rugs, paper-fiber and grass. 2012—Carpets and rugs, rag. 2022—Jute goods (part of; *see also* Ind. 398). 2023—Linen goods (part of, *see also* Ind. 397). 2031—Cotton woven goods (over 12 inches in width) (part of; *see also* Ind. 311). 2182—Housefurnishings not elsewhere classified, including all sheets and pillowcases.
374—Linoleum, asphalted-felt-base, and other hard-surface floor coverings, not elsewhere classified	2221—Asphalted-felt-base floor covering. 2222—Linoleum.
381—Hat bodies and hats, fur-felt	2061—Hats, fur-felt (part of, *see also* Ind. 385).
382—Hat bodies and hats, wool-felt	2062—Hat bodies, carded wool-felt.
383—Hats, straw	2063—Hats, straw, men's (part of, *see also* Ind. 385).
384—Hatters' fur.	2064—Hat and cap materials, men's (part of, *see also* Ind. 426).
385—Finishing of men's and boys' hats of fur-felt, wool-felt, and straw.	2061—Hats, fur-felt (part of; *see also* Ind. 381). 2063—Hats, straw, men's (part of; *see also* Ind. 383).
391—Felt goods, wool, hair, and jute (except woven felts and hat bodies and hats).	2051—Felt goods, except woven felts.
392—Lace goods.	2081—Lace goods.
392—Batting, padding, and wadding; upholstery filling.	2111—Batting, padding, and wadding; upholstery filling.
393—Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors 394—Processed waste and recovered wool fibers—contract factories.	2112—Processed waste and recovered wool fiber—for sale.
395—Artificial leather and oilcloth.	2201—Artificial leather. 2202—Oilcloth.
397—Linen goods.	2023—Linen goods (part of; *see also* Ind. 311 and 373).
398—Jute goods (except felt).	2022—Jute goods (part of; *see also* Ind. 373).
399—Cordage and twine.	2021—Cordage and twine.

Industry Group 4.—APPAREL AND OTHER FINISHED PRODUCTS MADE FROM FABRICS AND SIMILAR MATERIALS

[References in parentheses in right-hand column are to 1939 industry numbers]

1939	1937
411—Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors.	2151—Clothing, men's, youths', and boys', not elsewhere classified—regular factories (part of; *see also* Ind. 486
412—Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories.	2152—Clothing, men's, youths', and boys', not elsewhere classified—contract factories (part of, *see also* Ind. 362 and 486).
413—Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors.	2132—Shirts (except work shirts), collars, and nightwear—regular factories.
414—Men's and boys' shirts (except work shirts), collars, and nightwear—made in contract factories.	2242—Shirts (except work shirts), collars, and nightwear—contract factories.
415—Men's and boys' underwear—made in inside factories or by jobbers engaging contractors.	2141—Underwear, men's—regular factories.
416—Men's and boys' underwear—made in contract factories.	2241—Underwear, men's—contract factories.
423—Men's neckwear—made in inside factories or by jobbers engaging contractors.	2143—Furnishing goods, men's, not elsewhere classified—regular factories (part of; *see also* Ind. 446 and 485).
424—Men's neckwear—made in contract factories.	2243—Furnishing goods, men's, not elsewhere classified—contract factories (part of; *see also* Ind. 485).
425—Men's and boys' hats and caps (except felt and straw).	2142—Hats and caps, except felt and straw, men's.
426—Hat and cap materials, trimmings, etc.	2064—Hat and cap materials, men's (part of, *see also* Ind. 384).
427—Trousers, sundresses, wash suits, and washable service apparel.	2135—Trousers, sundress, wash suits, and washable service apparel.
428—Work shirts.	2133—Clothing, work (including work shirts), and sport garments, except leather (part of; *see also* Ind. 429).
429—Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel not elsewhere classified.	2133—Clothing, work (including work shirts), and sport garments, except leather (part of; *see also* Ind. 428). 2193—Flags, banners, regalia, vestments, robes, and related products (part of; *see also* Ind. 499).
430—Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors.	2161—Blouses, women's, misses', and children's—regular factories.
431—Women's and misses' blouses and waists—made in contract factories.	2231—Blouses, women's, misses', and children's—contract factories.
432—Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors.	2165—Dresses, except house dresses—regular factories.
433—Women's and misses' dresses (except house dresses)—made in contract factories.	2234—Dresses, except house dresses—contract factories.
434—House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors.	2166—Dresses: house dresses, uniforms, and aprons—regular factories.
435—House dresses, uniforms, and aprons—made in contract factories.	2238—Dresses: house dresses, uniforms, and aprons—contract factories.
436—Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors.	2163—Coats, suits, and separate skirts, women's, misses', and juniors'—regular factories.
437—Coats, suits, and skirts (except fur coats)—made in contract factories.	2233—Coats, suits, and separate skirts, women's, misses', and juniors'—contract factories.
438—Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors.	2169—Clothing, women's, misses', and children's, not elsewhere classified—regular factories (part of; *see also* Ind. 443, 449, 485, and 486).
439—Women's and misses' clothing, not elsewhere classified—made in contract factories.	2237—Clothing, women's, misses', and children's, not elsewhere classified—contract factories (part of; *see also* Ind. 443, 449, 485, and 486).
441—Women's, children's, and infants' underwear and nightwear of knitted fabrics.	2168—Underwear and nightwear of knitted fabric, women's, children's, and infants' (part of; *see also* Ind. 356).
442—Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics.	2160—Underwear and nightwear of cotton and flannelette woven fabrics, women's, children's, and infants'.
443—Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics.	2169—Clothing, women's, misses', and children's, not elsewhere classified—regular factories (part of; *see also* Ind. 438, 449, 485, and 486). 2237—Clothing, women's, misses', and children's, not elsewhere classified—contract factories (part of; *see also* Ind. 439, 449, 485, and 486).
445—Corsets and allied garments.	2164—Corsets and allied garments.
446—Belts (apparel), regardless of material.	9006—Leather goods not elsewhere classified (part of; *see also* Ind. 1299). 2143—Furnishing goods, men's, not elsewhere classified—regular factories (part of; *see also* Ind. 423 and 485). 2169—Clothing, women's, misses', and children's, not elsewhere classified—regular factories (part of; *see also* Ind. 438, 443, 485 and 486).
449—Women's neckwear, scarfs, etc.	2169—Clothing, women's, misses', and children's, not elsewhere classified—regular factories (part of; *see also* Ind. 438, 443, 446, 485, and 486). 2237—Clothing, women's, misses', and children's, not elsewhere classified—contract factories (part of, *see also* Ind. 439, 443, 485, and 486).
451—Millinery.	2167—Millinery—regular factories. 2267—Millinery—contract factories.
461—Children's dresses—made in inside factories or by jobbers engaging contractors.	2162—Outerwear, children's and infants'—regular factories (part of; *see also* Ind. 463 and 465).

Industry Group 4.—APPAREL AND OTHER FINISHED PRODUCTS MADE FROM FABRICS AND SIMILAR MATERIALS—Continued

[References in parentheses in right-hand column are to 1939 industry numbers]

1939	1937
462—Children's dresses—made in contract factories.	2236—Outerwear, children's and infants'—contract factories (part of; *see also* Ind. 464 and 466).
463—Children's coats—made in inside factories or by jobbers engaging contractors.	2162—Outerwear, children's and infants'—regular factories (part of; *see also* Ind. 461 and 465).
464—Children's coats—made in contract factories.	2236—Outerwear, children's and infants'—contract factories (part of; *see also* Ind. 462 and 466).
465—Children's and infants' wear not elsewhere classified—made in inside factories or by jobbers engaging contractors.	2162—Outerwear, children's and infants'—regular factories (part of; *see also* Ind. 461 and 463).
466—Children's and infants' wear not elsewhere classified—made in contract factories.	2236—Outerwear, children's and infants'—contract factories (part of; *see also* Ind. 462 and 464).
470—Fur coats and other fur garments, accessories, and trimmings.	1615—Fur goods—regular factories. 1665—Fur goods—contract factories.
480—Work gloves and mittens: cloth, cloth and leather combined.	2171—Gloves and mittens, cloth or cloth and leather combined, made from purchased materials (part of; *see also* Ind. 357 and 481).
481—Dress and semidress gloves and mittens: cloth, cloth and leather combined.	2171—Gloves and mittens, cloth or cloth and leather combined, made from purchased materials (part of; *see also* Ind. 357 and 480).
482—Handkerchiefs—made in inside factories or by jobbers engaging contractors.	2172—Handkerchiefs—regular factories.
483—Handkerchiefs—made in contract factories.	2272—Handkerchiefs—contract factories.
484—Suspenders, garters, and other goods made from purchased elastic material.	2173—Suspenders, garters, and other elastic woven products (except orthopedic and athletic), made from purchased webbing.
485—Robes, lounging garments, and dressing gowns.	2143—Furnishing goods, men's, not elsewhere classified—regular factories (part of; *see also* Ind. 423 and 446). 2243—Furnishing goods, men's, not elsewhere classified—contract factories (part of; *see also* Ind. 424). 2169—Clothing, women's misses', and children's, not elsewhere classified—regular factories (part of; *see also* Ind. 438, 443, 449, and 486). 2237—Clothing, women's, misses', and children's, not elsewhere classified—contract factories (part of; *see also* Ind. 439, 443, 449, and 486).
86—Raincoats and other waterproof garments (except oiled cotton).	2151—Clothing, men's, youths', and boys', not elsewhere classified—regular factories (part of; *see also* Ind. 411). 2152—Clothing, men's, youths', and boys', not elsewhere classified—contract factories (part of; *see also* Ind. 362, and 412). 2169—Clothing, women's, misses', and children's, not elsewhere classified—regular factories (part of; *see also* Ind. 438, 443, 449, and 485). 2237—Clothing, women's, misses', and children's, not elsewhere classified—contract factories (part of; *see also* Ind. 439, 443, 449, and 485).
487—Clothing, leather and sheep-lined.	2134—Clothing, leather and sheep-lined.
488—Embroideries: Schiffli-machine products.	2211—Embroideries—Schiffli-machine products—regular factories. 2244—Embroideries—Schiffli-machine products—contract factories.
490—Embroideries, other than Schiffli-machine products—made in regular factories or by jobbers engaging contractors.	2212—Embroideries—other than Schiffli-machine products—regular factories.
491—Embroideries, other than Schiffli-machine products—contract factories.	2245—Embroideries—other than Schiffli-machine products—contract factories.
492—Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors.	2213—Trimmings (not made in textile mills); stamped art goods for embroidering—regular factories.
493—Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories.	2246—Trimmings (not made in textile mills); stamped art goods for embroidering—contract factories.
494—Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors.	2181—Curtains, draperies, and bedspreads—regular factories.
495—Curtains, draperies, and bedspreads—contract factories.	2281—Curtains, draperies, and bedspreads—contract factories.
496—Housefurnishings (except curtains, draperies, and bedspreads).	2182—Housefurnishings not elsewhere classified (part of; *see also* Ind. 373).
497—Textile bags—not made in textile mills.	2192—Bags, other than paper.
498—Canvas products (except bags).	2191—Awnings, tents, sails, and canvas covers.
499—Miscellaneous fabricated textile products not elsewhere classified.	2193—Flags, banners, regalia, vestments, robes, and related products (part of; *see also* Ind. 429). 2194—Fabricated textile products not elsewhere classified.

Industry Group 5.—LUMBER AND TIMBER BASIC PRODUCTS

[References in parentheses in right-hand column are to 1939 industry numbers]

1939	1937
511—Logging camps and logging contractors (not operating sawmills). 520—Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills.	311—Lumber and timber products not elsewhere classified (part of; *see also* Ind. 532).
531—Planing mills not operated in conjunction with sawmills	314—Planing-mill products and other wooden products not elsewhere classified, made in planing mills not connected with sawmills (part of; *see also* Ind. 532 and 663).
532—Plywood mills.	311—Lumber and timber products not elsewhere classified (part of; *see also* Ind. 511 and 520). 314—Planing-mill products and other wooden products not elsewhere classified, made in planing mills not connected with sawmills (part of; *see also* Ind. 531 and 663).

Industry Group 6.—FURNITURE AND FINISHED LUMBER PRODUCTS

[References in parentheses in right-hand column are to 1939 industry numbers]

1939	1937
611—Mattresses and bedsprings.	1624—Mattresses and bedsprings not elsewhere classified.
612—Upholstered household furniture. 619—Household furniture except upholstered. 620—Office furniture. 631—Public-building furniture. 632—Laboratory, hospital, and other professional furniture. 641—Partitions, shelving, cabinet work, and office and store fixtures.	309—Furniture, including store and office fixtures.
651—Baskets for fruits and vegetables. 652—Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets.	301—Baskets and rattan and willowware, not including furniture.
653—Cigar boxes: wooden, part wooden.	303—Boxes, cigar, wooden and part wooden.
654—Wooden boxes except cigar boxes.	304—Boxes, wooden, except cigar boxes.
655—Cooperage.	306—Cooperage.
661—Window and door screens and weather strip.	318—Window and door screens and weather strip.
662—Window shades.	1651—Window shades (textile and paper) and fixtures.
663—Venetian blinds.	314—Planing-mill products, and other wooden products not elsewhere classified, made in planing mills not connected with sawmills (part of; *see also* Ind. 531 and 532).
671—Caskets, coffins, burial cases, and other morticians' goods.	305—Caskets, coffins, burial cases, and other morticians' goods.
691—Excelsior.	308—Excelsior.
692—Cork products.	307—Cork products.
693—Matches.	312—Matches.
694—Wood preserving.	319—Wood preserving.
695—Lasts and related products.	310—Lasts and related products.
696—Mirror frames and picture frames.	313—Mirror and picture frames.
699—Wood products not elsewhere classified.	320—Wood turned and shaped and other wooden goods, not elsewhere classified.

Industry Group 7.—PAPER AND ALLIED PRODUCTS

[References in parentheses in right-hand column are to 1939 industry numbers]

1939	1937
[illegible]—Pulp mills	410—Pulp (wood and other fiber).
[illegible]—Paper and paperboard mills.	407—Paper.
7[illegible]—Coated and glazed paper	408—Paper goods not elsewhere classified (part of; *see also* Ind. 774, 791, and 799)
[illegible]—Envelopes.	405—Envelopes.
7[illegible]—Paper bags, except those made in paper mills.	401—Bags, paper, exclusive of those made in paper mills.
774—Paper cans, tubes, and similar products.	402—Boxes, paper, not elsewhere classified (part of; *see also* Ind. 779). 315—Synthetic-resin, cellulose-plastic, vulcanized fiber, and molded and pressed pulp fabricated articles, not elsewhere classified (part of; *see also* Ind. 794 and 2086).
779—Paperboard containers and boxes not elsewhere classified	408—Paper goods not elsewhere classified (part of; *see also* Ind. 740, 791, and 799). 402—Boxes, paper, not elsewhere classified (part of; *see also* Ind. 774).
7[illegible]—Decorated paper and paperboard, and converted cardboard.	403—Cardboard, not made in paper mills 404—Card cutting and designing. 408—Paper goods not elsewhere classified (part of; *see also* Ind. 740, 774, and 799).
7[illegible]—Wallpaper.	411—Wallpaper
7[illegible]—Pulp goods (pressed, molded).	315—Synthetic-resin, cellulose-plastic, vulcanized fiber, and molded and pressed pulp fabricated articles, not elsewhere classified (part of; *see also* Ind. 774 and 2086).
7[illegible]—Converted paper products not elsewhere classified.	408—Paper goods not elsewhere classified (part of; *see also* Ind. 740, 774, and 791).

Industry Group 8.—PRINTING, PUBLISHING, AND ALLIED INDUSTRIES

[References in parentheses in right-hand column are to 1939 industry numbers]

1939	1937
811—Newspapers, publishing without printing. 812—Newspapers, publishing and printing 821—Periodicals, publishing without printing. 822—Periodicals, publishing and printing.	510—Printing and publishing, newspaper and periodical.
831—Books, publishing without printing. 832—Books, publishing and printing	508—Printing and publishing, book, music, and job (in part; *see also* Ind. 833, 851, 862, and 891).
833—Books, printing without publishing.	508—Printing and publishing, book, music, and job (in part; *see also* Ind. 831, 832, 851, 862, and 891). 506—Lithographing (in part; *see also* Ind. 861 and 862). 507—Photoengraving, not done in printing establishments (in part; *see also* Ind. 871 and 893).
851—General commercial (job) printing.	508—Printing and publishing, book, music, and job (in part; *see also* Ind. 831, 832, 833, 862, and 891).
861—Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers).	506—Lithographing (in part; *see also* Ind. 833 and 862).
862—Greeting cards (except hand-painted).	508—Printing and publishing, book, music, and job (in part; *see also* Ind. 831, 832, 833, 851, and 891). 506—Lithographing (in part; *see also* Ind. 833 and 861). 504—Engraving, steel, copperplate, and wood, and plate printing (in part; *see also* Ind. 892).
871—Gravure, rotogravure, and rotary photogravure (including preparation of plates).	507—Photoengraving, not done in printing establishments (in part; *see also* Ind. 833 and 893).
880—Bookbinding and related industries.	501—Bookbinding and blank-book making.
891—Machine and hand typesetting (including advertisement typesetting).	508—Printing and publishing, book, music, and job (in part; *see also* Ind. 831, 832, 833, 851, and 862).
892—Engraving (steel, copperplate, and wood); plate printing.	504—Engraving, steel, copperplate, and wood, and plate printing (in part; *see also* Ind. 862).
893—Photoengraving, not done in printing establishments (including preparation of plates).	507—Photoengraving, not done in printing establishments (in part; *see also* Ind. 833 and 871).
894—Electrotyping and stereotyping, not done in printing establishments.	512—Stereotyping and electrotyping, not done in printing establishments.

Industry Group 9.—CHEMICALS AND ALLIED PRODUCTS

[References in parentheses in right-hand column are to 1939 industry numbers]

1939	1937
911—Paints, varnishes, and lacquers. 912—Colors and pigments.	626—Paints, pigments, and varnishes.
921—Cottonseed oil, cake, meal, and linters.	622—Oil, cake, and meal, cottonseed.
922—Linseed oil, cake, and meal.	623—Oil, cake, and meal, linseed.
923—Soybean oil, cake, and meal.	625—Oils not elsewhere classified (part of; *see also* Ind. 925 and 929).
924—Essential oils.	624—Oils, essential.
925—Fish and other marine oils, cake, and meal.	625—Oils not elsewhere classified (part of; *see also* Ind. 923 and 929).
929—Vegetable and animal oils, not elsewhere classified.	625—Oils not elsewhere classified (part of; *see also* Ind. 923 and 925).
931—Drugs and medicines (including drug grinding).	611—Drugs and medicines. 612—Drug grinding.
932—Perfumes, cosmetics, and other toilet preparations.	628—Perfumes, cosmetics, and other toilet preparations.
933—Insecticides, fungicides, and related industrial and household chemical compounds.	627—Insecticides and fungicides, and industrial and household chemical compounds not elsewhere classified. 1614—Foundry supplies.
941—Soap and glycerin.	631—Soap.
951—Rayon and allied products.	629—Rayon and allied products.
961—Hardwood distillation and charcoal manufactures. 962—Wood naval stores.	633—Wood distillation and charcoal manufacture.
963—Gum naval stores (processing but not gathering or warehousing).	317—Turpentine and rosin.
970—Fertilizers.	614—Fertilizers.
980—Tanning materials, natural dyestuffs, mordants, assistants, and sizes.	632—Tanning materials, natural dyestuffs, mordants, and assistants, and sizes.
981—Coal-tar products, crude and intermediates. 982—Plastic materials.	608—Chemicals not elsewhere classified (part of; *see also* Ind. 999 and 1510).
983—Explosives.	613—Explosives.
984—Salt.	630—Salt.
985—Compressed and liquefied gases—not made in petroleum refineries or in natural-gasoline plants.	610—Compressed and liquefied gases.
986—Bone black, carbon black, and lampblack.	606—Bone black, carbon black, and lampblack.
987—Printing ink.	618—Ink, printing
988—Ammunition.	602—Ammunition and related products.
989—Cleaning and polishing preparations, blackings, and dressings.	609—Cleaning and polishing preparations. 604—Blacking, stains, and dressings.
990—Glue and gelatin.	616—Glue and gelatin.
991—Grease and tallow (except lubricating greases).	617—Grease and tallow, not including lubricating greases.
992—Lubricating oils and greases—not made in petroleum refineries.	704—Lubricating oils and greases, not made in petroleum refineries.
993—Fireworks.	615—Fireworks and allied products.
994—Candles.	607—Candles.
995—Bluing.	605—Bluing.
996—Mucilage, paste, and other adhesives, except glue and rubber cement	621—Mucilage, paste, and other adhesives, except glue and rubber cement.
997—Writing ink.	619—Ink, writing.
999—Chemicals not elsewhere classified.	608—Chemicals not elsewhere classified (part of; *see also* Ind. 981, 982, and 1510)

Industry Group 10.—PRODUCTS OF PETROLEUM AND COAL

[References in right-hand column are to 1939 industry numbers]

1939	1937
1011—Petroleum refining.	705—Petroleum refining.
1031—Beehive coke. 1032—Oven coke and coke-oven byproducts.	701—Coke-oven products.
1051—Paving blocks and paving mixtures: asphalt, creosoted wood, and composition.	1632—Paving materials: blocks (except brick and stone) and mixtures.
1052—Roofing, built-up and roll; asphalt shingles; roof coating (except paint).	1638—Roofing, built-up and roll; asphalt shingles; roof coatings other than paint.
1091—Fuel briquets.	702—Fuel briquets.

Industry Group 11.—RUBBER PRODUCTS

[References in right-hand column are to 1939 industry numbers]

1939	1937
1111—Tires and inner tubes.	803—Rubber tires and inner tubes.
1121—Rubber boots and shoes (including rubber-soled footwear with fabric uppers).	801—Boots and shoes, rubber.
1191—Reclaimed rubber. 1199—Rubber products not elsewhere classified.	802—Rubber goods other than tires, inner tubes, and boots and shoes.

Industry Group 12.—LEATHER AND LEATHER PRODUCTS

[References in parentheses in right-hand column are to 1939 industry numbers]

1939	1937
1211—Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors.	907—Leather: tanned, curried, and finished—regular factories.
1212—Leather: tanned, curried, and finished—contract factories.	927—Leather: tanned, curried, and finished—contract factories.
1221—Industrial leather belting and packing leather.	901—Belting and packing, leather.
1230—Boot and shoe cut stock and findings.	902—Boot and shoe cut stock and findings.
1240—Footwear (except rubber).	904—Boots and shoes, other than rubber.
1250—Leather gloves and mittens.	905—Gloves and mittens, leather.
1260—Suitcases, brief cases, bags, trunks, and other luggage.	910—Trunks, suitcases, brief cases, bags, and other luggage.
1271—Women's pocketbooks, handbags, and purses.	908—Handbags and purses, women's.
1272—Small leather goods.	911—Leather goods—small articles.
1291—Saddlery, harness, and whips.	909—Saddlery, harness, and whips.
1299—Leather goods not elsewhere classified.	906—Leather goods not elsewhere classified (part of; *see also* Ind. 446).

Industry Group 13.—STONE, CLAY, AND GLASS PRODUCTS

[References in parentheses in right-hand column are to 1939 industry numbers]

1939	1937
1310—Flat glass. 1321—Glass containers. 1329—Tableware, pressed or blown glass, and glassware not elsewhere classified.	1008—Glass.
1330—Mirrors and other glass products made of purchased glass.	1016—Mirrors and other glass products made of purchased glass.
1340—Cement.	1002—Cement.
1351—Brick and hollow structural tile. 1352—Terra cotta. 1353—Roofing tile. 1354—Floor and wall tile (except quarry tile). 1355—Sewer pipe and kindred products. 1356—Clay refractories, including refractory cement (clay). 1359—Clay products (except pottery) not elsewhere classified.	1004—Clay products, other than pottery
1361—Vitreous-china plumbing fixtures. 1362—Hotel china. 1363—Whiteware. 1364—Porcelain electrical supplies.	1017—Pottery, including porcelain ware (part of; *see also* Ind. 1369).
1365—China firing and decorating (for the trade).	1003—China firing and decorating, not done in potteries.
1369—Pottery products not elsewhere classified.	1017—Pottery, including porcelain ware (part of; *see also* Ind. 1361, 1362, 1363, and 1364).
1371—Concrete products.	1005—Concrete products.
1372—Gypsum products.	1022—Gypsum products.
1373—Mineral wool. 1374—Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition.	1020—Wallboard and plaster (except gypsum) building insulation and floor composition.
1375—Lime.	1013—Lime.
1380—Monuments, tombstones, cut-stone, and stone products not elsewhere classified.	1014—Marble, granite, slate, and other stone, cut and shaped.
1391—Abrasive wheels, stones, paper, cloth, and related products.	1021—Abrasive wheels, stones, paper, and cloth, and related products.
1392—Asbestos products (except steam packing and pipe and boiler covering).	1001—Asbestos products other than steam packing and pipe and boiler covering.
1393—Steam and other packing; pipe and boiler covering.	1644—Steam and other packing, pipe and boiler covering, and gaskets, not elsewhere classified.
1394—Natural graphite, ground and refined.	1010—Graphite, ground and refined.
1395—Minerals and earths, ground or otherwise treated.	1015—Minerals and earths ground or otherwise treated.
1396—Sand-lime brick, block and tile.	1018—Sand-lime brick.
1397—Nonclay refractories.	1023—Nonclay refractories.
1398—Statuary and art goods (except stone and concrete)—factory production.	1019—Statuary and art goods (except concrete), factory production.

Industry Group 14.—IRON AND STEEL AND THEIR PRODUCTS, EXCEPT MACHINERY

[References in parentheses in right-hand column are to 1939 industry numbers]

1939	1937
1411—Blast-furnace products.	1110—Blast-furnace products.
1412—Steel works and rolling mills. 1423—Steel castings.	1112—Steel-works and rolling-mill products.
1421—Gray-iron and semisteel castings. 1422—Malleable-iron castings.	1131—Foundry products (gray-iron and malleable-iron).
1424—Cast-iron pipe and fittings.	1102—Cast-iron pipe and fittings.
1430—Tin cans and other tinware not elsewhere classified.	1123—Tin cans and other tinware not elsewhere classified.
1441—Wire drawn from purchased rods.	1126—Wire drawn from purchased rods.
1442—Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills.	1113—Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills.
1449—Wirework not elsewhere classified.	1127—Wirework not elsewhere classified.
1451—Cutlery (except aluminum, silver, and plated cutlery) and edge tools.	1103—Cutlery (not including silver and plated cutlery) and edge tools.
1452—Tools (except edge tools, machine tools, files, and saws).	1125—Tools, not including edge tools, machine tools, files, or saws.
1453—Files.	1105—Files.
1454—Saws.	1116—Saws.
1459—Hardware not elsewhere classified.	1109—Hardware not elsewhere classified.
1461—Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware).	1114—Plumbers' supplies, not including pipe or vitreous china sanitary ware.
1463—Power boilers and associated products.	1130—Boiler-shop products.
1462—Oil burners, domestic and industrial. 1464—Steam and hot-water heating apparatus (including hot-water furnaces). 1465—Stoves, ranges, water heaters, and hot-air furnaces (except electric). 1466—Steam fitings, regardless of material. 1469—Heating and cooking apparatus, except electric, not elsewhere classified.	1119—Heating and cooking apparatus, except electric.
1471—Vitreous-enameled products, including kitchen, household, and hospital utensils. 1472—Automobile stampings. 1473—Stamped and pressed metal products (except automobile stampings). 1474—Enameling, japanning, and lacquering.	1129—Stamped and pressed metal products; enameling, japanning, and lacquering
1475—Galvanizing and other coating—carried on in plants not operated in connection with rolling mills.	1108—Galvanizing and other coating, done in plants not operated in connection with rolling mills.
1481—Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills.	1122—Structural and ornamental metal work, made in plants not operated in connection with rolling mills

Industry Group 14.—IRON AND STEEL AND THEIR PRODUCTS, EXCEPT MACHINERY—Continued

[References in parentheses in right-hand column are to 1939 industry numbers]

1939	1937
1482—Doors, window sash, frames, molding, and trim (made of metal).	1104—Doors, shutters, and window sash and frames, molding, and trim, metal.
1483—Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills.	1101—Bolts, nuts, washers, and rivets, made in plants not operated in connection with rolling mills.
1492—Forgings, iron and steel—made in plants not operated in connection with rolling mills.	1107—Forgings, iron and steel, made in plants not operated in connection with steel works or rolling mills.
1493—Wrought pipe, welded and heavy riveted—made in plants not operated in connection with rolling mills.	1128—Wrought pipe, welded and heavy riveted, made in plants not operated in connection with rolling mills.
1494—Springs, steel, except wire—made in plants not operated in connection with rolling mills.	1118—Springs, steel, except wire, made in plants not operated in connection with rolling mills.
1495—Screw-machine products and wood screws.	1117—Screw-machine products and wood screws.
1496—Steel barrels, kegs, and drums.	1120—Steel barrels, kegs, and drums.
1497—Firearms.	1106—Firearms.
1498—Safes and vaults.	1115—Safes and vaults.
1499—Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills.	1326—Machine-shop products (part of; *see also* Ind. 1766, 1768, and 1770).

Industry Group 15.—NONFERROUS METALS AND THEIR PRODUCTS

[References in parentheses in right-hand column are to 1939 industry numbers]

1939	1937
1510—Primary smelting and refining of nonferrous metals.	1215—Smelting and refining, copper. 1216—Smelting and refining, lead. 1218—Smelting and refining, zinc.
1520—Alloying, and rolling and drawing of nonferrous metals, except aluminum.	608—Chemicals not elsewhere classified (part of; *see also* Ind. 981, 982, and 999). 1212—Nonferrous-metal alloys, nonferrous-metal products, except aluminum, not elsewhere classified (part of; *see also* Ind. 1591 and 1599).
1531—Secondary smelting and refining, gold, silver, and platinum.	1209—Gold, silver, and platinum, refining and alloying.
1532—Secondary smelting and refining of nonferrous metals, not elsewhere classified	1217—Smelting and refining, nonferrous metals other than gold, silver, and platinum, not from the ore.
1541—Clocks, watches, and materials and parts (except watchcases).	1202—Clocks, watches, time-recording devices, and materials and parts except watch cases.
1542—Watchcases.	1222—Watchcases.
1551—Jewelry (precious metals).	1210—Jewelry (part of: *see also* Ind. 2071).
1552—Jewelers' findings and materials.	1224—Jewelers' findings and materials.
1553—Lapidary work.	1623—Lapidary work.
1561—Silverware and plated ware.	1213—Silverware and plated ware.
1571—Engraving on metal (except for printing purposes).	503—Engraving (other than steel, copperplate, or wood), chasing, etching, and diesinking.
1572—Electroplating, plating, and polishing.	1205—Electroplating.
1580—Lighting fixtures.	1207—Lighting equipment.
1591—Nonferrous-metal foundries (except aluminum).	1212—Nonferrous-metal alloys; nonferrous-metal products, except aluminum, not elsewhere classified (part of; *see also* Ind. 1520 and 1599).
1592—Aluminum ware, kitchen, hospital, and household (except electrical appliances). 1593—Aluminum products (including rolling and drawing and extruding), not elsewhere classified.	1201—Aluminum products.
1594—Collapsible tubes.	1203—Collapsible tubes.
1595—Gold and silver leaf and foil.	1208—Gold leaf and foil.
1596—Tin and other foils (except gold and silver foil).	1220—Tin and other foils, not including gold foil.
1597—Sheet-metal work not specifically classified.	1204—Sheet-metal work, not specifically classified.
1599—Nonferrous-metal products not elsewhere classified.	1212—Nonferrous-metal alloys; nonferrous-metal products, except aluminum, not elsewhere classified (part of; *see also* Ind. 1520 and 1591).

Industry Group 16.—ELECTRICAL MACHINERY

[References in parentheses in right-hand column are to 1939 industry numbers]

1939	1937
1611—Wiring devices and supplies. 1612—Carbon products for the electrical industry, and manufactures of carbon or artificial graphite. 1613—Electrical measuring instruments. 1619—Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified. 1620—Electrical appliances 1630—Insulated wire and cable. 1640—Automotive electrical equipment. 1650—Electric lamps. 1662—Communication equipment. 1691—Batteries, storage and primary (dry and wet). 1692—X-ray and therapeutic apparatus and electronic tubes. 1699—Electrical products not elsewhere classified.	1303—Electrical machinery, apparatus, and supplies.
1661—Radios, radio tubes, and phonographs.	1319—Radios, radio tubes, and phonographs.

Industry Group 17.—MACHINERY (EXCEPT ELECTRICAL)

[References in parentheses in right-hand column are to 1939 industry numbers]

1939	1937
1711—Steam engines, turbines, and water wheels. 1712—Internal-combustion engines. 1721—Tractors.	1304—Engines, turbines, water wheels, and windmills (part of; *see also* Ind. 1729 and 1921). 1301—Agricultural implements (including tractors) (part of; *see also* Ind. 1729).
1729—Agricultural machinery (except tractors).	1301—Agricultural implements (including tractors) (part of; *see also* Ind. 1721). 1304—Engines, turbines, water wheels, and windmills (part of; *see also* Ind. 1711, 1712, and 1921). 1305—Machinery not elsewhere classified (part of; *see also* Ind. 1731, 1732, 1733, 1749, 1751, 1753, 1754, 1759, 1762, 1763, 1764, 1765, 1766, 1767, 1769, 1771, 1772, and 1782).
1731—Construction and similar machinery (except mining and oil-field machinery and tools).	1324—Cranes and dredging, excavating, and road-building machinery. 1305—Machinery not elsewhere classified (part of; *see also* Ind. 1729, 1732, 1733, 1749, 1751, 1753, 1754, 1759, 1762, 1763, 1764, 1765, 1766, 1767, 1769, 1771, 1772, and 1782).
1732—Oil-field machinery and tools. 1733—Mining machinery and equipment. 1751—Food-products machinery. 1753—Woodworking machinery. 1754—Paper-mill, pulp-mill, and paper-products machinery. 1759—Special-industry machinery, not elsewhere classified. 1762—Elevators, escalators, and conveyors 1763—Cars and trucks, industrial. 1764—Blowers, exhaust and ventilating fans. 1767—Stokers, mechanical, domestic and industrial. 1769—Industrial machinery, not elsewhere classified. 1772—Vending, amusement, and other coin-operated machines. 1782—Commercial laundry, dry-cleaning, and pressing machinery.	1305—Machinery not elsewhere classified (part of; *see also* Ind. 1729, 1731, 1749, 1765, 1766, and 1771).

Industry Group 17.—MACHINERY (EXCEPT ELECTRICAL)—Continued

[References in parentheses in right-hand column are to 1939 industry numbers]

1939	1937
1741—Machine tools.	1307—Machine tools (part of; *see also* Ind. 1749).
1742—Machine-tool and other metalworking-machinery accessories, metal-cutting and shaping tools, and machinists' precision tools.	1318—Machine-tool accessories and machinists' precision tools.
1749—Metalworking machinery and equipment, not elsewhere classified.	1305—Machinery not elsewhere classified (part of; *see also* Ind. 1729, 1731, 1732, 1733, 1751, 1753, 1754, 1759, 1762, 1763, 1764, 1765, 1766, 1767, 1769, 1771, 1772, and 1782). 1307—Machine tools (part of; *see also* Ind. 1741).
1752—Textile machinery.	1313—Textile machinery and parts.
1755—Printing-trades machinery and equipment.	1325—Printers' machinery and equipment.
1760—Measuring and dispensing pumps. 1761—Pumping equipment and air compressors.	1309—Pumps (hand and power), pumping equipment, and air compressors.
1765—Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks).	1620—Instruments and apparatus, professional, scientific, commercial, and industrial (part of; *see also* Ind. 2011 and 2021). 1302—Cash registers, adding and calculating machines, and other business machines except typewriters (part of; *see also* Ind. 1771). 1305—Machinery not elsewhere classified (part of; *see also* Ind. 1729, 1731, 1732, 1733, 1749, 1751, 1753, 1754, 1759, 1762, 1763, 1764, 1766, 1767, 1769, 1771, 1772, and 1782). 1326—Machine-shop products (part of; *see also* Ind. 1499, 1766, 1768, and 1770).
1768—Machine-shop products, not elsewhere classified. 1770—Machine-shop repairs.	1326—Machine-shop products (part of; *see also* Ind. 1499, 1765, and 1766).
1766—Mechanical power-transmission equipment.	1305—Machinery not elsewhere classified (part of; *see also* Ind. 1729, 1731, 1732, 1733, 1749, 1751, 1753, 1754, 1759, 1762, 1763, 1764, 1765, 1767, 1769, 1771, 1772, and 1782) 1326—Machine-shop products (part of; *see also* Ind. 1499, 1765, 1768).
1771—Office and store machines, not elsewhere classified.	1302—Cash registers, adding and calculating machines, and other business machines except typewriters (part of; *see also* Ind. 1765). 1314—Typewriters and parts. 1305—Machinery not elsewhere classified (part of; *see also* Ind. 1729, 1731, 1732, 1733, 1749, 1751, 1753, 1754, 1759, 1762, 1763, 1764, 1765, 1766, 1767, 1769, 1772, and 1782).
1776—Scales and balances.	1311—Scales and balances.
1781—Laundry equipment, domestic.	1315—Washing machines, wringers, driers, and ironing machines, for household use.
1783—Sewing machines, domestic and industrial.	1312—Sewing machines and attachments.
1784—Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units.	1310—Refrigerators and refrigerating and ice-making apparatus.

Industry Group 18.—AUTOMOBILES AND AUTOMOBILE EQUIPMENT

[References in parentheses in right-hand column are to 1939 industry numbers]

1939	1937
1810—Motor vehicles, motor-vehicle bodies, parts and accessories.	1407—Motor-vehicle bodies and motor-vehicle parts (part of; *see also* Ind. 1820). 1408—Motor vehicles, not including motorcycles.
1820—Automobile trailers (for attachment to passenger cars).	1407—Motor-vehicle bodies and motor-vehicle parts (part of; *see also* Ind. 1810).

Industry Group 19.—TRANSPORTATION EQUIPMENT EXCEPT AUTOMOBILES

[References in parentheses in right-hand column are to 1939 industry numbers]

1939	1937
1911—Locomotives (including frames) and parts: railroad, mining, and industrial.	1406—Locomotives, railroad, mining, and industrial, not built in railroad repair shops.
1912—Cars, and car equipment—railroad, street, and rapid-transit.	1405—Cars, electric and steam railroad, not built in railroad repair shops.
1921—Aircraft and parts, including aircraft engines.	1401—Aircraft and parts. 1304—Engines, turbines, water wheels, and windmills (part of; *see also* Ind. 1711, 1712, and 1729).
1931—Shipbuilding and ship repairing. 1932—Boat building and boat repairing.	1410—Ship and boat building, steel and wooden, including repair work.
1941—Motorcycles, bicycles, and parts.	1409—Motorcycles, bicycles, and parts.
1999—Transportation equipment not elsewhere classified.	1404—Carriages, wagons, sleighs, and sleds.

Industry Group 20.—MISCELLANEOUS INDUSTRIES

[References in parentheses in right-hand column are to 1939 industry numbers]

1939	1937
2011—Professional and scientific instruments (except surgical and dental).	1620—Instruments and apparatus, professional, scientific, commercial, and industrial (part of; *see also* Ind. 2021 and 1765).
2012—Photographic apparatus and materials and projection equipment (except lenses).	1636—Photographic apparatus and materials and projection apparatus.
2013—Optical instruments and lenses. 2014—Ophthalmic goods: lenses and fittings.	1631—Optical goods.
2021—Surgical and medical instruments.	1620—Instruments and apparatus, professional, scientific, commercial, and industrial (part of; *see also* Ind. 2011 and 1765).
2022—Surgical supplies and equipment not elsewhere classified; orthopedic appliances.	1645—Surgical and orthopedic appliances and related products.
2023—Dental equipment and supplies.	1611—Dentists' equipment and supplies.
2031—Pianos.	1630—Musical instruments: pianos.
2032—Organs.	1629—Musical instruments: organs.
2033—Piano and organ parts and materials.	1627—Musical-instrument parts and materials: piano and organ.
2039—Musical instruments, parts, and materials not elsewhere classified.	1628—Musical instruments and parts and materials, not elsewhere classified.
2041—Games and toys (except dolls and children's vehicles). 2042—Dolls (except rubber). 2043—Children's vehicles.	1648—Toys (not including children's wheel goods or sleds), games, and playground equipment. 1655—Carriages and sleds, children's.
2049—Sporting and athletic goods not elsewhere classified.	302—Billiard and pool tables, bowling alleys, and accessories. 1642—Sporting and athletic goods, not including firearms or ammunition.
2051—Pens, mechanical pencils, and pen points.	1634—Pens, fountain and stylographic; pen points; gold, steel, and brass. 1633—Pencils, lead (including mechanical), and crayons (part of; *see also* Ind. 2052).
2052—Pencils (except mechanical) and crayons.	1633—Pencils, lead (including mechanical), and crayons (part of; *see also* Ind. 2051).
2053—Hand stamps, stencils, and brands.	1618—Hand stamps and stencils and brands.
2054—Artists' materials.	1603—Artists' materials.
2055—Carbon paper and inked ribbons.	1607—Carbon paper and inked ribbons.
2061—Buttons.	1606—Buttons.
2071—Costume jewelry and costume novelties (jewelry other than fine jewelry).	1612—Miscellaneous articles not elsewhere classified (part of; *see also* Ind. 2073 and 2099). 1210—Jewelry (part of; *see also* Ind. 1551).
2072—Jewelry cases and instrument cases.	1622—Jewelry and instrument cases.
2073—Lamp shades.	1612—Miscellaneous articles not elsewhere classified (part of; *see also* Ind. 2071 and 2099).
2074—Feathers, plumes, and artificial flowers.	1601—Artificial and preserved flowers and plants. 1613—Feathers, plumes, and manufactures thereof.
2081—Brooms.	1604—Brooms.
2082—Brushes.	1605—Brushes, other than rubber.
2083—Beauty-shop and barber-shop equipment.	1653—Beauty-shop equipment, except furniture.

Industry Group 20.—MISCELLANEOUS INDUSTRIES—Continued

[References in parentheses in right-hand column are to 1939 industry numbers]

1939	1937
2084—Furs, dressed and dyed.	1616—Furs, dressed and dyed.
2085—Signs, advertising displays, and advertising novelties.	1640—Signs and advertising novelties.
2086—Fabricated plastic products, not elsewhere classified.	315—Synthetic-resin, cellulose-plastic, vulcanized-fiber, and molded and pressed pulp fabricated articles, not elsewhere classified (part of; *see also* Ind. 774 and 794)
2087—Umbrellas, parasols, and canes.	1649—Umbrellas, parasols, and canes.
2088—Tobacco pipes and cigarette holders.	1637—Pipes (tobacco).
2091—Soda fountains, beer dispensing equipment, and related products.	1641—Soda fountains and related products.
2092—Models and patterns (except paper patterns).	1625—Models and patterns, not including paper patterns.
2093—Hair work.	1617—Hair work.
2094—Wool pulling.	1654—Wool pulling.
2095—Needles, pins, hooks and eyes, and slide and snap fasteners.	1211—Needles, pins, hooks and eyes, and slide and snap fasteners.
2096—Fire extinguishers, chemical.	1230—Fire extinguishers, chemical.
2099—Miscellaneous fabricated products not elsewhere classified.	1640—Theatrical scenery and stage equipment. 1612—Miscellaneous articles not elsewhere classified (part of; *see also* Ind. 2071 and 2073).

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